



Annual Groundwater Monitoring Report, November 2015 and May 2016 Sampling Events, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Town of Ashippun, Wisconsin

EPA ID# WID006100275, BRRTS# 02-14-000905





TETRA TECH

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Oconomowoc Electroplating Company Inc. (OECl) Superfund Site
Town of Ashippun, Wisconsin**

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August 23, 2016

**Prepared For:
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ACRONYMS AND ABBREVIATIONS

cis-DCE	cis-1-2-Dichloroethene
CVOCs	Chlorinated Volatile Organic Compounds
DO	Dissolved Oxygen
ES	NR140 Enforcement Standard
mg/L	Milligrams per Liter
MIP	Membrane Interface Probe
MNA	Monitored Natural Attenuation
MS/MSD	Matrix Spike/Matrix Spike Duplicate
OECI	Oconomowoc Electroplating Company Inc.
ORP	Oxidation-Reduction Potential
PAL	NR140 Preventive Action Limit
P/T	Pump and Treat
QA/QC	Quality Assurance/Quality Control
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
trans-DCE	trans-1,2-Dichloroethene
TCE	Trichloroethene
TOC	Total Organic Carbon
WAC	Wisconsin Administrative Code
µg/L	Micrograms per Liter
EPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VOCs	Volatile Organic Compounds
WDNR	Wisconsin Department of Natural Resources

1.0 INTRODUCTION

This Annual Groundwater Water Monitoring Report presents the data obtained from the November 2015 and May 2016 groundwater monitoring events completed by Tetra Tech personnel on and in the vicinity of the Oconomowoc Electroplating Company Inc. (OECI) Superfund Site located at W2573 Oak Street in the Town of Ashippun, Dodge County, Wisconsin (Figure 1). The groundwater monitoring activities were performed in accordance with the scope of work and field operating procedures presented in the November 2014 Quality Assurance/Quality Control (QA/QC) Plan prepared by Tetra Tech for the OECI Site. The groundwater monitoring activities were performed to document the effectiveness of the monitored natural attenuation (MNA) remedy in remediating the chlorinated volatile organic compounds (CVOCs) impacts found in the groundwater on and downgradient of the OECI Site and to ensure it is protective of the nearby private water supply wells. A minor objective of the groundwater monitoring program is to use the data from the existing monitoring well network to gain a better understanding of the effects the June 2013 in-situ treatment of the contaminated soil in Area A on the OECI Site with Daramend has on CVOC concentrations in the groundwater.

2.0 OECI SITE BACKGROUND

The following background information is taken from the June 2014 request for proposal for the OECI Site prepared by the Wisconsin Department of Natural Resources (WDNR).

The OECI Site is located at W2573 Oak Street in the Town Ashippun, Dodge County Wisconsin (Figure 1). The site is approximately 10.5 acres in size. Ashippun residents rely on private wells for their source of water. The bedrock beneath the OECI Site is the Maquoketa shale underlain by dolomite of the Galena-Platteville aquifer. Private water supply wells in the vicinity of the OECI Site are completed in the Galena-Platteville aquifer.

The OECI Site consists of a 4-acre former electroplating facility and the adjacent 6.5-acre wetland area that includes a portion of Davy Creek, which is a tributary of the Rock River. The electroplating facility operated from 1957 to 1990, discharging directly into Davy Creek until 1972 when two waste lagoons were constructed. The facility included a main process building, a wastewater-treatment building, the waste lagoons and other miscellaneous storage tank and container deposit areas. Between 1991 and 1994, remedial actions at the site removed: 1) All of the facility structures; 2) 650 cubic yards of waste lagoon sediment/sludge; 3) Approximately 700 cubic yards of contaminated soil; and 4) Approximately 6,000 cubic yards of contaminated sediments in the wetlands around Davy Creek. Currently, there is one fenced-in building (built in 1996) at the site that houses the former groundwater-extraction treatment plant. Several private residences are located to the west of the OECI Site, each having their own water supply wells.

The original 1990 record of decision (ROD) called for groundwater extraction and treatment (“Pump and Treat” or P/T). The P/T operated from October 1997 to July 2004. It was shut down after the EPA determined that its continued operation was no longer effective. The five extraction wells were abandoned in July 2009.

Between October 2004 and January 2009, fourteen (14) rounds of groundwater samples from a select subset of monitoring wells have taken place for the purpose of evaluating MNA as a remedy for the CVOCs in the groundwater. Evaluation of the data showed that MNA alone (i.e. unenhanced) is not sufficient in reducing the CVOCs that include trichloroethylene (TCE) and vinyl chloride (VC). These compounds continue to be detected at downgradient bedrock monitoring wells and at nearby private water supply wells.

In May 2011, a ROD Amendment was signed to modify the original ROD’s P/T (already shutdown since 2004) to MNA after either source area removal or in-situ treatment.

In February 2012, a membrane interface probe (MIP) survey was conducted at the site. The MIP survey identified several areas where TCE remained high. The survey detected TCE impacted soil as high as 36 mg/kg to a depth of 10 feet. It delineated five (5) primary areas as “source zones.” The largest of the five areas (Area A) was inadequately sampled during the early RI/FS phase (1980’s) of the Superfund project because it was then under the electroplating building (now razed).

In November 2012, another groundwater sampling event (15th since 2004) was performed. Detections of TCE and VC at the private wells have persisted since July 2005—albeit all detections were below NR 140 Enforcement Standards (ESs).

In June 2013, an in-situ soil treatment was performed at the OECI Site to promote the chemical reduction of the CVOCs. The treatment design involved the mixing of contaminated soil within a specified depth range with Daramend, a proprietary product that consists of a soluble substrate and zero valent iron. For Area A, the soil mixing was from 8 to 14 feet below ground surface. After the mixing in Area A, approximately 11,000 gallons of water was removed from the excavation, temporarily stored in a frac tank, and then transported to a U.S. EPA-approved disposal facility operated by Waste Management outside of Milwaukee.

In November 2013, another round (16th since 2004) of groundwater samples was collected. This round included many monitoring wells (TW-202I, MW-2D, -9S, -101S, -102S, -104S and -104D) that had not been sampled since 2003. Out of the nine private wells sampled, five had VC above its NR 140 Preventive Action Limit (PAL) of 0.02 µg/L, but below the ES of 0.2 µg/L.

3.0 FIELD ACTIVITIES

The following field activities were performed by Tetra Tech personnel during the November 2015 and May 2016 monitoring events:

- Measured the depth to groundwater in the 33 existing OEI Site monitoring wells and noted the condition of the monitoring wells.
- Collected semi-annual groundwater samples from 28 of the OEI Site monitoring wells for laboratory analyses of volatile organic compounds (VOCs), methane, ethane, ethene, acetylene, total iron, dissolved iron, total manganese, dissolved manganese, alkalinity, chloride, sulfate and total organic carbon (TOC). Field measurements of sample temperature, pH, specific conductance, oxidation-reduction potential (ORP), dissolved oxygen (DO) and turbidity were also taken during the semi-annual sampling events.
- Collected annual groundwater samples from seven (7) residential wells during the November 2015 sampling event for laboratory analysis of VOCs. Please note, one residential well that is part of the groundwater monitoring program was not sampled because nobody answered the telephone or returned the voice messages left by Tetra Tech personnel and nobody answered the door the days Tetra Tech personnel were on-site performing the November 2015 monitoring event.
- Notified the property owners (and residents if different than the property owner) within 10 days of the receipt of the analytical reports from the laboratory subcontractor of the VOCs results. The notification included completing WDNR Form 4400-249, *Site Investigation Sample Results Notification*, and submitting electronic copies of the analytical reports and WDNR Form 4400-249 to the WDNR Project Manager.

The November 2015 monitoring event took place November 2 through November 6, 2015 and the May 2016 sampling event took place May 9 through May 18, 2016. The groundwater samples were collected from the OEI Site monitoring wells using the low-flow sampling method in accordance with the low-flow groundwater sampling procedures included in Appendix A of the November 2014 QA/QC Plan. The groundwater samples were collected from the seven residential wells in accordance with the private residential well groundwater sampling procedures included in Appendix A of the November 2014 QA/QC Plan.

Isoconcentration maps showing the degree and extent of TCE and VC impacts in the shallow-depth, mid-depth and bedrock monitoring wells from the April 2003 and May 2015 groundwater sampling events are included in Appendix A. Copies of the laboratory subcontractor (CT Laboratories LLC, Baraboo, Wisconsin) analytical reports are provided in Appendix B. Field groundwater level measurement and groundwater sampling records are presented in Appendix C. The procedures used during these activities are described in the following sections.

3.1 Depth to Groundwater Measurements and Well Inspections

Depth to groundwater measurements were collected from all 33 of the OECl Site monitoring wells during the November 2015 and May 2016 monitoring events. The depth to groundwater measurements and the groundwater elevations calculated from the measurements are presented on Table 1. Groundwater elevation data from the previous reporting period (November 2014 to June 2015) are also included on Table 1. Vertical gradients calculated for the nested monitoring wells are listed on Table 2.

The condition of the surface seals and monitoring well casings were also noted by the Tetra Tech environmental technician at the time the depth to groundwater measurements were collected. The conditions of the monitoring wells were un-changed from the conditions noted during the December 2014 and May 2015 monitoring events. Photographs documenting the conditions of the monitoring wells were included as Appendix A in the August 26, 2015 annual monitoring report. The monitoring wells were found to be in good condition except for the following two instances:

1. The concrete pad around the steel above ground protective casing of monitoring well MW-13S is heaved up several inches causing the protective casing to wobble.
2. Monitoring well TW-202I does not have a protective casing around its PVC well casing. A locking plug is on the PVC casing but the lack of a protective casing does not conform to the monitoring well construction requirements of Chapter NR141 of the Wisconsin Administrative Code (WAC).

The groundwater depths were measured using a decontaminated electronic water level meter to record the depth-to-water below a surveyed reference point (top of well casing). The water level meter was slowly lowered into the monitoring well until the meter was activated (as indicated by an audible tone). The depth-to-water reading was then measured to the nearest 0.01 feet and recorded on a field water level data sheet. The water-level meter was decontaminated between locations as described in Section 3.5. Copies of the field water level data sheets are provided in Appendix C.

3.2 Monitoring Well Sampling Procedures

The following 28 OECl Site monitoring wells are on the semi-annual groundwater sampling list: MW-1S, MW-1D, MW-2D, MW-3D, MW-4S, MW-5D, MW-9S, MW-12S, MW-12D, MW-12B, MW-13S, MW-13D, MW-15S, MW-15D, MW-15B, MW-16S, MW-101S, MW-101B, MW-102S, MW-102D, MW-103S, MW-103D, MW-105S, MW-105D, MW-105B, TW-202I, OW-6 and MW-14DR. Dedicated sample tubing was used to collect the groundwater samples from the OECl Site monitoring wells to eliminate the potential for cross-contamination of the samples.

The groundwater samples were collected using the low-flow sampling method as described in "Field Operating Procedure No. 1 – Low-Flow Groundwater Sampling Procedures" included in Appendix A of the November 2014 QA/QC Plan and in accordance with s. NR 140.16 WAC. A peristaltic pump and dedicated Teflon®-lined polyethylene tubing were used by the Tetra Tech environmental technician to purge and sample each monitoring well.

A multi-parameter water quality meter and flow-through cell was used to measure the pH, ORP, DO, turbidity, specific conductance and temperature of the groundwater during the low-flow purging process. The multi-parameter water quality meter was calibrated prior to the start of each sampling event in accordance with the procedures presented in “Field Operating Procedure No. 4 – Equipment Calibration” included in Appendix A of the November 2014 QA/QC Plan and the multi-parameter water quality meter manual. The monitoring wells were purged at low pumping rates to keep the drawdown in the monitoring wells at or below 0.33 feet. The purging process was stopped after three successive pH, ORP, DO, turbidity, specific conductance and temperature readings taken during the low-flow purging process were within the stabilization criteria ranges listed below:

- pH: Plus or minus 0.1.
- ORP: Plus or minus 10 millivolts
- DO: Plus or minus 0.3 milligrams per liter (mg/L)
- Turbidity: plus or minus 10% (when turbidity is greater than 10 nephelometric units).
- Specific Conductance: Plus or minus 3%.
- Temperature: Plus or minus 1 Degree Celsius.

The three final stabilized pH, ORP, DO, turbidity, specific conductance and temperature readings taken during the low-flow purging process were entered on Tetra Tech low-flow sampling method field water quality sampling and analysis forms. Copies of the low-flow sampling method forms containing the three final stabilized pH, ORP, DO, turbidity, specific conductance and temperature readings are provided in Appendix C. The final stabilized field parameters readings are also included on Table 3. The groundwater samples submitted for laboratory analyses were collected directly from the dedicated tubing of the monitoring wells at the discharge end of the peristaltic pump in sample containers provided by the laboratory subcontractor. The samples submitted for dissolved iron and manganese analyses were filtered in the field using disposable 0.45 micron filters in accordance with procedures described in “Field Operating Procedure No. 5 – Field Filtering Samples” included in Appendix A of the November 2014 QA/QC Plan. The disposable filters were connected directly to the dedicated tubing of the monitoring wells at the discharge end of the peristaltic pump and the sample containers provided by the laboratory subcontractor were filled directly from the outlet of the disposable filters.

3.3 Residential Well Sampling Procedures

Annual groundwater samples were supposed to be collected from eight residential wells located west of the OECI Site during the November 2015 sampling event. The well identifications and property addresses of the eight residential wells are listed below:

1. PW-03: 2601 Oak Street
2. PW-04: 2605 Oak Street
3. PW-05: 2611 Oak Street
4. PW-07: 2602 Elm Street
5. PW-08: 2603 Elm Street
6. PW-09: 2606 Elm Street
7. PW-10: 2607 Elm Street
8. PW-11: 2612 Elm Street

A groundwater sample was not able to be collected from the residential well located on the 2611 Oak Street (PW-05) property. The occupant of the 2611 Oak Street property did not answer or return repeated telephone calls made by the Tetra Tech environmental technician to schedule the sampling of the well and nobody answered the door on the days the Tetra Tech environmental technician was on site performing the November 2015 monitoring event.

Tetra Tech personnel collected the groundwater samples from the residential wells on the 2605 Oak Street (PW-04), 2602 Elm Street (PW-07), 2603 Elm Street (PW-08) and 2607 Elm Street (PW-10) properties from an outside tap (before any household treatment system) after purging for a minimum of 10 minutes in accordance with the procedures described in “*Field Operating Procedure No. 9 – Private Residential Well Groundwater Sampling Procedures*” included in Appendix A of the November 2014 QA/QC Plan. A garden hose attached to the outside tap was used to discharge the purge water away from the foundation of the house. The garden hose was removed from the outside tap after the purging is completed. The residential wells on the 2601 Oak Street (PW-03), 2606 Elm Street (P-09) and 2612 Elm Street (PW-11) properties were sampled from a faucet inside the houses at the request of the property owners. Water was purged for a minimum of 10 minutes from the inside faucet prior to collecting the groundwater samples. After the 10 minute purging period was complete, a groundwater sample was collected in a clean container from the tap and field measurements of pH, specific conductance and temperature were taken using a multi-parameter water quality meter. The field measurements were recorded on Tetra Tech private well field water quality sampling and analysis forms. Copies of the completed field forms are included in Appendix C. The groundwater samples submitted for laboratory analysis were collected in sample vials provided by the laboratory subcontractor.

3.4 Sample Analysis and Quality Assurance/Quality Control

The groundwater samples collected from the OECl Site monitoring wells and residential wells were submitted for laboratory analysis of VOCs by EPA Method 8260C. The monitoring wells groundwater samples were also submitted for laboratory analysis of the following MNA parameters:

- Dissolved Gases (Methane, Ethane, Ethene, Acetylene): Method RSK 175
- Total Iron & Manganese: EPA Method 6010C
- Dissolved Iron & Manganese: EPA Method 6010C
- Alkalinity: EPA Method 310.2
- Chloride: EPA Method 9056
- Sulfate: EPA Method 9056
- Total Organic Carbon (TOC): EPA Method 9060A

Copies of the laboratory subcontractor analytical reports from each monitoring event are included in Appendix B. The monitoring wells samples analytical results and field parameters data are summarized on Table 3. The residential wells samples analytical results are presented on Table 4. Both tables include the data obtained from the two previous semi-annual monitoring events, which were performed in December 2014 and May 2015.

The groundwater samples collected from the residential wells were collected directly from a spigot. The groundwater samples collected from the monitoring wells were collected directly from

the dedicated Teflon®-lined polyethylene tubing. The water level meter used to collect the depth-to-water measurements during the low-flow purging process was decontaminated before and between each use with an Alconox® wash and distilled water rinse. The container used to measure the field parameters for the residential wells samples and the flow-through cell used to measure the field parameters during the low-flow purging and sampling of the monitoring wells were cleaned between samples with an Alconox® wash and distilled water rinse.

The following quality assurance/quality control samples were collected in accordance with the November 2014 QA/QC Plan during the November 2015 and May 2016 monitoring events:

- Trip blanks provided by the laboratory subcontractor were included with each sample shipment to the laboratory subcontractor. The trip blank samples were analyzed for VOCs.
- Duplicate groundwater samples were collected from monitoring wells MW-103D and MW-105S during each sampling round and submitted for laboratory analyses of the same parameters as the original groundwater samples collected from the monitoring wells. Matrix Spike and Matrix Spike Duplicate (MS/MSD) samples were also analyzed by the laboratory subcontractor during each sampling round.
- No equipment blank samples were collected because the laboratory-provided sample containers were filled directly from the dedicated sample tubing for the monitoring wells samples and directly from the well spigots for the residential wells samples.

The laboratory QA/QC samples produced several qualified results as follows:

1. The chloromethane detection in the groundwater sample collected from monitoring well MW-3D during the November 2015 sampling event was qualified because chloromethane was detected in an associated method blank.
2. The reported total manganese concentration for the groundwater sample collected from monitoring well MW-1S during the November 2015 sampling event was qualified because the associated MS and/or MSD recovery and the Duplicate sample precision was outside acceptance limits.
3. The reported total chloride concentration for the November 2015 sample collected from MW-15B, the dissolved iron concentration for the November 2015 sample collected from MW-105B and the dissolved iron concentration for the May 2016 sample collected from MW-105S were qualified because the associated MS and/or MSD recovery was outside acceptance limits.
4. The acetone detections in the groundwater samples collected from monitoring wells MW-5D, MW-12S, MW-16S, MW-102D, MW-103S, MW-103D, MW-105S and MW-105D during the May 2016 sampling event were qualified because acetone was detected in an associated method blank.

5. The tetrahydrofuran detection in the groundwater sample collected from monitoring well MW-2D during the May 2016 sampling event was qualified because tetrahydrofuran was detected in an associated method blank.
6. The reported tetrahydrofuran concentrations in the groundwater samples collected from monitoring wells MW-1S, MW-4S, MW-12D, MW-105D and MW-105B during the May 2016 sampling event were qualified because tetrahydrofuran was detected in an associated method blank and the specified calibration criteria was not met. Tetrahydrofuran was also detected in the trip blank samples (sample IDs: TB-1 and TB-2) that accompanied the sample shipments containing the listed samples at a concentration of 1.1 µg/L.
7. The reported tetrahydrofuran concentration in the groundwater sample collected from monitoring well MW-16S during the May 2016 sampling event was qualified because the specified calibration criteria was not met.
8. The reported total organic carbon concentrations for the May 2016 samples collected from monitoring wells MW-2D and MW-101S were qualified because the Replicate/Duplicate precision was outside acceptance limits.

The duplicate groundwater samples generally produced results that were similar to the original samples with relative percent difference values ranging from 0.0% to 25.9% for the duplicate samples collected during the November 2015 sampling event and from 0.0% to 26.3 % for the duplicate samples collected during the May 2016 sampling event except for the following instances:

1. The reported VC concentrations for the original and duplicate samples collected from MW-103D during the November 2015 sampling event were 0.50 µg/L and 0.74 µg/L respectively for a relative percent difference of 38.7 %.
2. The reported acetone concentrations for the original and duplicate samples collected from MW-103D during the May 2016 sampling event were 660 µg/L and 330 µg/L respectively for a relative percent difference of 96.2 %. As noted above, the acetone detections in the MW-103D samples were qualified because acetone was detected in an associated method blank.
3. The reported total iron concentrations for the original and duplicate samples collected from MW-103D during the May 2016 sampling event were 0.0599 mg/L and 0.228 mg/L respectively for a relative percent difference of 116.8 %.
4. The reported VC concentrations for the original and duplicate samples collected from MW-105S during the May 2016 sampling event were 6.4 µg/L and 3.0 µg/L respectively for a relative percent difference of 72.3 %.

3.5 Investigative Derived Waste Management

The groundwater purged from the OECI Site monitoring wells during the low-flow sampling method purging process was contained in 5-gallon containers at the well locations and then poured

into a 55-gallon drum stored on the OECI Site. After the groundwater sampling activities were completed, the contained groundwater was passed through two granular activated carbon filters and discharged to a grass-covered portion of the OECI Site property. A portable electric utility pump and garden hose was used to pump the groundwater from the 55-gallon drum through the carbon filters. A water sample from the discharge end of the carbon filters was collected in sample vials provided by the laboratory subcontractor and submitted for laboratory analysis of VOCs (EPA Method 8260C) to document the VOC concentrations that remained in the groundwater discharged to the grass-covered area. The sample name for the November 2015 sampling event post carbon filter sample is FILTER BLANK and the VOCs results are included in Analytical Report 115269 (Appendix B). The sample name for the May 2016 sampling event post carbon filter sample is FILTER BLANK and the VOCs results are included in Analytical Report 119012 (Appendix B).

The groundwater purged from the sample taps of the residential wells prior to the collection of the groundwater samples was discharged to the ground surface for the wells that were sampled using an outside spigot and to the sink drain for the wells that were sampled from an inside tap.

All used personal protective equipment and disposable sampling equipment was collected in trash bags and disposed of as general refuse.

4.0 MONITORING RESULTS

4.1 Groundwater Flow and Gradients

The depth to groundwater measurements collected from the OECI Site monitoring wells during this reporting period and the groundwater elevations calculated from the depth to groundwater measurements are presented on Table 1. Water table contours were produced from the depth to groundwater measurements collected from monitoring wells MW-1S, MW-4S, MW-9S, MW-12S, MW-13S, MW-15S, MW-16S, MW-101S, MW-102S, MW-103S, MW-104S, MW-105S and MW-106S during the November 2015 and May 2016 monitoring events. The water table contours are shown on Figure 2 and indicate the general direction of groundwater flow at the water table across the OECI Site is to the southwest, towards Davy Creek. The average horizontal gradient calculated from the water table contours ranged from 0.0037 for the November 2015 monitoring event to 0.0066 for the May 2016 monitoring event. The average horizontal gradients from the previous reporting period were very similar with a gradient of 0.0031 for the December 2014 water table contours and 0.0053 for the May 2015 water table contours. Table 1 includes the height of the water column in the monitoring wells calculated from the depth to groundwater measurements and listed well depths. All of the shallow-depth (water table) monitoring wells have 10-foot screen lengths so a water column height greater than 10 feet indicates the top of the well screens were submerged during the monitoring event in which the water level measurements were collected. Review of the water column height data for the water table monitoring wells indicates the top of the well screens in monitoring wells MW-1S, MW-9S, MW-12S, MW-16S, MW-105S and MW-106S were submerged for the four monitoring events performed in December 2014, May 2015, November 2015 and May 2016. The well screen was entirely submerged in monitoring well MW-103S during the December 2014, May 2015 and May 2016 monitoring events and the well screens in monitoring wells MW-4S, MW-13S and MW-104S were entirely submerged during the May 2015 and May 2016 sampling events. The depth that the top of the well screens were submerged ranged from 0.15 feet in MW-13S during the May 2016 monitoring event to 7.83 feet in MW-9S during the May 2015 monitoring event. The top of the well screens were not submerged (water column height less than 10 feet) during all four of the monitoring events in monitoring wells MW-15S, MW-101S and MW-102S.

Potentiometric surface contours were produced from the depth to groundwater measurements collected from the following mid-depth unconsolidated deposits monitoring wells: MW-5D, MW-12D, MW-13D, MW-14DR, MW-15D, MW-102D, MW-103D, MW-104D, MW-105D, MW-106D and TW-202I. The mid-depth potentiometric surface contours are shown on Figures 3 and indicate the general direction of groundwater flow in the mid-depth monitoring wells is also to the southwest towards Davy Creek. The average horizontal gradient calculated from the mid-depth unconsolidated deposits monitoring wells potentiometric surface contours were 0.0057 for the November 2015 monitoring event and 0.0024 for the May 2016 monitoring event. The average horizontal gradient calculated from the December 2014 mid-depth monitoring wells water level data was 0.0012 and the gradient calculated from the May 2015 water level data was 0.0021.

Potentiometric surface contours were produced from the depth to groundwater measurements collected from the nine OECI Site bedrock monitoring wells, which are as follows: MW-1D, MW-2D, MW-3D, MW-4D, MW-12B, MW-15B, MW-101B, MW-105B and OW-6. The bedrock

potentiometric surface contours are shown Figure 4 and indicate the general direction of groundwater flow in the bedrock is from east to west across the OECl Site. The average horizontal gradients calculated from the bedrock monitoring wells potentiometric surface contours were 0.024 for the November 2015 monitoring event and 0.011 for the May 2016 monitoring event. The average gradients calculated from water level data collected during the previous reporting period were 0.011 for the December 2014 monitoring event and 0.038 for the May 2015 monitoring event.

Vertical gradients were calculated for the nested OECl Site monitoring wells from the depth to groundwater measurements. The vertical gradient calculations are presented on Table 2. The positive vertical gradient values on Table 2 represent downward flow directions while the negative vertical gradient values represent upward flow directions. As shown on Table 2, downward vertical gradient values ranged from 0.2782 to 0.0049 while upward vertical gradient values ranged from 0.0594 to 0.0007 during this reporting period. The vertical gradients calculated for the OECl Site monitoring well nests indicate vertical gradients are predominantly downward at the monitoring well nests located within (MW-102S/D nest) and north (MW-1S/D, MW-4S/D, MW-15S/D/B, MW-101S/B, MW-103S/D, MW-104S/D nests) of Elm Street except at the MW-103S/D well nest where upward gradients were measured during both monitoring events that were completed this reporting period. The only other exceptions during this reporting period were slight upward vertical gradients of 0.0051 between monitoring wells MW-1S and MW-1D calculated from the May 2016 monitoring event data and slight upward gradients of 0.0007 at the MW-15S/D well nest and 0.0091 at the MW-102S/D well nest calculated from the November 2015 monitoring event data. Vertical gradients are predominantly upward at the monitoring well nests located south of Elm Street in the wetland near Davy Creek (MW-12S/D/B, MW-13S/D, MW-105S/D/B and MW-106S/D). The only exceptions during this reporting period were a downward gradient of 0.0308 between water table monitoring well MW-12S and mid-depth unconsolidated deposits monitoring well MW-12D and a downward gradient of 0.0140 between mid-depth monitoring well MW-105D and bedrock monitoring well MW-105B calculated from the November 2015 monitoring event depth to groundwater data. The monitoring wells south of Elm Street are located in or near the wetland that borders Davy Creek. The vertical gradient data from the monitoring well nests south of Elm Street suggest groundwater discharges to the wetland and Davy Creek.

4.2 Monitoring Wells Sample Results

The final stabilized field parameters readings taken during the low-flow purging of the monitoring wells and the laboratory results for the groundwater samples collected from the monitoring wells are summarized on Table 3. Review of the VOCs data presented on Table 3 shows several CVOCs are present at concentrations exceeding their respective NR140 ESs and/or PALs in one or more of the groundwater samples collected from the OECl Site monitoring wells during the November 2015 and May 2016 sampling events. The CVOCs are listed below:

Compound	NR140 Enforcement Standard (ES) (µg/L)	NR140 Preventive Action Limit (PAL) (µg/L)	RL (µg/L)	LOQ (µg/L)	Number of Wells: ES or Greater	Number of Wells: PAL or Greater, but Less Than ES	Number of Wells with a J-flagged Result	Number of Wells with a Detection
1,1,1-Trichloroethane	200	40	0.060	0.21	0	1	1	6
1,1-Dichloroethane	850	85	0.060	0.19	0	1	5	12
1,1-Dichloroethene	7.0	0.7	0.070	0.23	1	6	7	9
1,2-Dichloroethane	5.0	0.5	0.040	0.14	0	4	6	6
cis-1,2-Dichloroethene (cis-DCE)	70	7.0	0.060	0.21	4	5	4	19
Methylene Chloride	5.0	0.5	0.060	0.21	2	2	0	4
Tetrachloroethene	5.0	0.5	0.060	0.20	1	0	2	3
trans-1,2-Dichloroethene (trans-DCE)	100	20	0.060	0.20	1	2	4	11
Trichloroethene (TCE)	5.0	0.5	0.030	0.10	7	1	6	18
Vinyl chloride (VC)	0.2	0.02	0.016	0.052	9	7	7	16

Notes:

RL = Undiluted Reporting Limit LOQ = Undiluted Limit of Quantitation

J flag = Reported concentration was between the RL and LOQ.

The methylene chloride detections may be a laboratory or sample container contaminant as it is a common laboratory solvent and it was only detected in the May 2016 sampling event samples.

Dedicated sample tubing was used to collect the groundwater samples from the OECI Site monitoring wells so no cross-contamination is expected.

Time series charts showing the trends in TCE concentrations and the concentrations of cis-DCE and VC, which are the primary biodegradation breakdown products of TCE, in the 28 monitoring wells that are part of the OECI site groundwater sampling program are included as Charts 1 through 28. The trend lines are displayed as dashed lines on the charts. The 2009 through 2013 data presented on the charts was downloaded from the WDNR GEMS on the Web (GOTW) Public Access website. Review of the charts reveals the following:

- TCE, cis-DCE and VC have not been detected in the following monitoring wells from 2009 to 2016:

TCE	cis-DCE	VC	Notes
1. MW-1D (BR)	1. MW-1D (BR)	1. MW-1S	Monitoring wells with an "S" designation are shallow-depth water table monitoring wells. Pz: Mid-depth unconsolidated deposits monitoring well. BR: Bedrock monitoring well.
2. MW-3D (BR)	2. MW-4S	2. MW-4S	
3. MW-4S	3. MW-9S	3. MW-9S	
	4. MW-12B (BR)	4. MW-12B (BR)	
		5. MW-15S	
4. MW-15B (BR)	5. MW-15B (BR)	6. MW-15B (BR)	
5. MW-101S	6. MW-101S	7. MW-101S	
		8. MW-101B (BR)	
6. MW-102S	7. MW-102S	9. MW-102S	
		10. OW-6 (BR)	
		11. MW-14DR (Pz)	

TCE	cis-DCE	VC	Notes
5. MW-105B (BR)	7. MW-105S 8. MW-105D (Pz) 9. TW-202I (Pz)	8. MW-103D (Pz) 9. MW-105S 10. MW-105D (Pz)	

- The data presented above shows TCE concentrations are non-detect, stable or decreasing in 23 of the monitoring wells, cis-DCE concentrations are non-detect, stable or decreasing in 19 of the monitoring wells and VC concentrations are non-detect, stable or decreasing in 18 of the monitoring wells.
- As noted above, TCE concentrations in five of the OECI Site monitoring wells exhibited an increasing trend from 2009 to 2016. However, TCE concentrations in three of these monitoring wells (MW-2D, MW-15S and MW-105B) are either stable or decreasing since Daramend was applied to Area A in June 2013 (see November 2013 through May 2016 sampling events portions of Charts 3, 13 and 25). The increases in TCE impacts since the Daramend application in June 2013 in monitoring wells MW-1S, which is located northeast and upgradient of the OECI property, and MW-9S, which is located north of Elm Street on the east side of the former OECI electroplating facility, is very small and the concentrations are below the NR140 PAL of 0.50 µg/L. The reported TCE concentration in MW-1S increased from less than the detection limit of 0.020 µg/L in November 2013 to 0.061 µg/L in May 2016. The TCE concentration in monitoring well MW-9S increased from 0.19 µg/L in November 2013 to 0.24 µg/L in November 2015, but then declined to 0.18 µg/L in May 2016.
- The greatest decrease in TCE impacts from the January 2009 to May 2016 sampling events occurred at water table monitoring well MW-105S with TCE concentrations declining from 2,400 µg/L in January 2009 to 1,200 µg/L (1,100 µg/L in duplicate sample) in May 2016. The MW-105S/D/B monitoring well nest is located south of Elm Street in the wetland area on the OECI Site.

Review of the time series chart for mid-depth unconsolidated deposits monitoring well MW-105D (Chart 24) shows TCE, cis-DCE and VC concentrations increased from January 2009 to November 2012, but have been on a decreasing trend since Daramend was applied to Area A of the OECI Site in June 2013. The low-level (less than 0.12 µg/L) TCE, cis-DCE and VC impacts in bedrock monitoring well MW-105B have also declined since the June 2013 application of Daramend in Area A to the point that all three compounds were not detected in the May 2016 sample (see Chart 25).

- TCE impacts also decreased significantly in mid-depth monitoring well MW-103D, which is located north of Elm Street on the south side of the former OECI electroplating facility. Reported TCE concentrations were 740 µg/L and 780 µg/L (duplicate sample) in the samples collected from MW-103D in January 2009 and were 390 µg/L and 340 µg/L (duplicate sample) in the samples collected during the May 2016 sampling event. Review of the MW-103S time series chart (Chart 21) shows TCE impacts increased from 110 µg/L

in January 2009 to 150 µg/L in November 2012, but TCE impacts in MW-103S are exhibiting a declining trend since Daramend was applied to Area in June 2013.

- The greatest decrease in VC impacts occurred at water table monitoring well MW-16S with VC concentrations declining from 97 µg/L in November 2012 to 23 µg/L in May 2016. MW-16S is located south of Elm Street in the wetland area on the OECI site. Review of the MW-16S time series chart (Chart 16) also shows that cis-DCE concentrations increased from 770 µg/L in November 2012 to 1,400 µg/L in November 2013 (about five months after Daramend was applied to Area A) but have since been on a declining trend with the cis-DCE concentration in the May 2016 sample down to 630 µg/L. TCE was not detected in the last two groundwater samples collected from MW-16S in November 2015 and May 2016.
- Review of the chart for mid-depth unconsolidated deposits monitoring well MW-5D (Chart 6), which is located north of Elm Street near the southeast corner of the former OECI electroplating facility, shows that while TCE and cis-DCE impacts are on a declining trend from 2009 to 2016, vinyl chloride concentrations have increased from not detected (detection limit = 0.65 µg/L) in January 2009 to 4.7 µg/L in May 2016. The data from MW-5D suggest biological reductive dechlorination processes are reducing TCE concentrations in the OECI Site plume and producing VC.
- Review of the time series chart for mid-depth unconsolidated deposits monitoring well MW-15D (Chart 14), which is located on the north side of the Elm Street right-of-way west of the OECI Site, shows a declining trend in TCE and cis-DCE impacts from 2009 to 2016. VC concentrations in MW-15D were below the detection limit of 0.019 µg/L for the samples collected during the January 2009, November 2013 and May 2015 events and below the detection limit of 0.016 µg/L for the sample collected during the May 2016 sampling event. However, VC was detected at J-flagged concentrations of 0.02 µg/L in the sample collected during the December 2014 sampling event and 0.03 µg/L in the sample collected during the November 2015 sampling event, which are at to slightly above the NR140 PAL of 0.020 µg/L. The J-flag qualifier indicates the VC concentrations in the samples were lower than the LOQ for the samples and therefore the listed concentrations are estimate values. VC concentrations in mid-depth monitoring well MW-102D, which is located on the south side of the Elm Street right-of-way approximately 180 feet west of the MW-15S/D/B well nest, have increased from 0.067 µg/L in January 2009 to 0.32 µg/L in May 2016. The December 2014 and November 2015 sampling events data from MW-15D and the data from MW-102D suggest VC impacts may be increasing near the western edge of the OECI Site plume.

TCE and VC isoconcentration maps for the shallow-depth unconsolidated deposits monitoring wells, mid-depth unconsolidated deposits monitoring wells and bedrock monitoring wells were produced from the May 2016 sampling event analytical data. The isoconcentration maps are included as Figures 5 through 10 and are discussed below. The discussion also includes a comparison of the shallow-depth (water table), mid-depth and bedrock monitoring wells isoconcentration maps produced from the May 2016 sampling event to the isoconcentration maps produced from the May 2015 sampling event for the August 25, 2015 annual monitoring report.

Copies of the May 2015 sampling event isoconcentration maps are provided in Appendix B. Shallow-depth and mid-depth isoconcentration maps produced from a groundwater sampling event conducted in April 2003 are also included in Appendix B. The May 2015 sampling event shallow-depth and mid-depth monitoring wells isoconcentration maps were compared to the April 2003 sampling event isoconcentration maps for the August 26, 2015 annual monitoring report.

4.2.1 Shallow-Depth and Mid-Depth Monitoring Wells Isoconcentration Maps Discussion

As shown on Figure 5, monitoring well MW-105S, which is located south of Elm Street in the wetland area near Davy Creek, has the highest TCE impacts in the shallow groundwater with a reported TCE concentration of 1,200 µg/L. The occurrence of the highest shallow-depth TCE impacts in the wetland area instead of in or near the source areas on the former OECI electroplating facility can be attributed to the remedial actions performed in the source areas including the application of Daramend in Area A in June 2013. The presence of predominantly downward vertical gradients north of Elm Street and upward vertical gradients in the wetland area also contribute to the highest TCE impacts near the water table occurring in the wetland. Monitoring wells MW-12S, which is also located south of Elm Street in the wetland, and MW-103S, which is located north of Elm Street on the south side of the former electroplating facility of the OECI Site, are the other two shallow-depth monitoring wells with TCE impacts above the NR140 ES of 5.0 µg/L with reported TCE concentrations of 48 µg/L and 57 µg/L respectively. Low-level (less than 0.5 µg/L) TCE impacts are found at monitoring wells MW-13S (0.051 µg/L), which is located south of Elm Street in the wetland, MW-9S (0.18 µg/L), located north of Elm Street on the former OECI electroplating facility, MW-15S (0.098 µg/L), located north of Elm Street west of the former OECI electroplating facility, and MW-1S (0.061 µg/L), located near the northeast corner of the former OECI electroplating facility on the Town of Ashippun Highway Department property. TCE was not detected in the other shallow-depth monitoring wells on the OECI Site monitoring plan (MW-4S, MW-16S, MW-101S and MW-102S).

Comparison of the shallow-depth (water table) monitoring wells May 2015 sampling event TCE isoconcentration map to the May 2016 sampling event TCE isoconcentration map indicates TCE impacts north of Elm Street on the former OECI electroplating facility declined from 2015 to 2016. Specifically, the reported TCE concentration in monitoring well MW-103S declined from 73 µg/L in May 2015 to 57 µg/L in May 2016. The reported TCE concentrations in the two other shallow-depth monitoring wells located north of Elm Street on the former OECI electroplating facility that were sampled during both sampling events (MW-4S and MW-9S) were the same for both sampling events. TCE was not detected in both samples collected from monitoring well MW-4S and TCE was detected at a concentration of 0.18 µg/L in both of the groundwater samples collected from monitoring well MW-9S. TCE impacts also exhibited a decrease between the May 2015 and May 2016 sampling events at monitoring well MW-12S (72 µg/L to 48 µg/L) and MW-105S (2,100 µg/L to 1,200 µg/L), which are located in the wetland area near Davy Creek (south of Elm Street). TCE was either not detected or detected at concentrations well below its NR140 PAL of 0.50 µg/L in the other shallow-depth monitoring wells that are part of the OECI Site monitoring program.

Figure 6 shows the mid-depth TCE plume is larger than the water table TCE plume (Figure 5) and the bedrock TCE plume (Figure 6). The greater TCE plume extent in the mid-depth zone can be attributed to the migration of impacts away from the source areas on the former OECI

electroplating facility due to advection, dispersion and groundwater flow. As discussed in Section 4.1, horizontal groundwater flow in the unconsolidated deposits is generally to the southwest and to the west in the bedrock. Vertical gradients are predominantly downward north of Elm Street so the TCE impacts originating on the former OECI electroplating facility would move downward as groundwater flows to the southwest and west. As shown on Figure 6, the highest TCE impacts in the mid-depth monitoring wells occurs at monitoring well MW-103D, which is located north of Elm Street on the south side of the former OECI electroplating facility, with a reported TCE concentration of 390 µg/L. TCE impacts above the NR140 ES of 5.0 µg/L are also present at monitoring wells MW-5D (54 µg/L), which is located near the southeast corner of the former OECI electroplating facility, TW-202I (12 µg/L), which is located about 18 feet south of Elm Street near the intersection of Eva Street and Elm Street, and MW-15D (12 µg/L), which is located on the north side of the Elm Street right-of-way west of the OECI Site. The reported TCE concentration in mid-depth monitoring well MW-105D (0.56 µg/L), which is located in the wetland south of Elm Street, exceeds the NR140 PAL of 0.50 µg/L. TCE was not detected in the groundwater sample collected from monitoring well MW-13D and low-level (less than 0.40 µg/L) TCE impacts occur in the three other mid-depth monitoring wells that are on the OECI Site sampling list (MW-12D, MW-14DR and MW-102D).

Comparison of the mid-depth monitoring wells May 2015 sampling event TCE isoconcentration map to the May 2016 sampling event TCE isoconcentration map shows TCE impacts in the mid-depth monitoring wells declined slightly or were stable. The only exception was a slight increase in TCE impacts at on-site monitoring well MW-5D from 50 µg/L in May 2015 to 54 µg/L in May 2016. The highest TCE impacts in the mid-depth monitoring wells for both sampling events occurs at monitoring well MW-103D, which is located north of Elm Street on the south side of the former OECI electroplating facility. TCE concentrations were the same for both sampling events (12 µg/L) at monitoring wells TW-202I and MW-15D. TCE concentrations decreased slightly in the five other mid-depth monitoring wells that are on the OECI Site sampling list (MW-12D, MW-13D, MW-14DR, MW-102D and MW-105D).

As shown on Figure 8, the highest VC impacts in the shallow groundwater occur at monitoring well MW-16S, which is located in the wetland south of Elm Street, with a reported VC concentration of 23 µg/L. VC concentrations also exceed the NR140 ES of 0.20 µg/L at monitoring wells MW-12S (0.79 µg/L) and MW-105S (6.4 µg/L), which are also located in the wetland south of Elm Street, and at monitoring well MW-103S (1.5 µg/L), which is located north of Elm Street on the south side of the former OECI electroplating facility. VC was not detected in the seven other water table monitoring wells that are on the OECI Site sampling list (MW-1S, MW-4S, MW-9S, MW-13S, MW-15S, MS-101S and MW-102S).

The shallow-depth monitoring wells VC plume produced from the May 2015 sampling event data is very similar to the shallow-depth VC plume produced from the May 2016 sampling event. Monitoring well MW-16S had the highest VC impacts in both sampling rounds. The VC concentrations at monitoring wells MW-12S, MW-103S and MW-105S exceeded the NR140 ES for VC and no VOCs were detected in the seven other shallow-depth (water table) monitoring wells in both sampling rounds. Review of the analytical data shows VC concentrations decreased slightly from 28 µg/L to 23 µg/L in MW-16S and from 9.8 µg/L to 6.4 µg/L in MW-105S

while VC impacts increased slightly from 0.39 µg/L to 0.79 µg/L in MW-12S and from 0.64 µg/L to 1.5 µg/L in MW-103S.

Comparison of Figure 8 and Figure 9 shows the mid-depth VC plume extends further west than the shallow-depth VC plume. The NR140 ES of 0.20 µg/L for VC was exceeded in the May 2016 groundwater samples collected from five of the mid-depth monitoring wells (MW-5D, MW-12D, MW-102D, MW-103D and MW-105D). The groundwater sample collected from monitoring well MW-5D, which is located north of Elm Street near the southeast corner of the former OEI electroplating facility, had the highest VC concentration of the mid-depth monitoring wells at 4.7 µg/L. The reported VC concentration for the sample collected from monitoring well MW-13D (0.046 µg/L) exceeded the NR140 PAL of 0.02 µg/L. VC was not detected in the groundwater samples collected from monitoring wells MW-14DR, MW-15D and TW-202I.

Comparison of the May 2015 and May 2016 sampling events mid-depth monitoring wells VC isoconcentration maps shows the degree and extent of the mid-depth VC plumes produced from the May 2015 and May 2016 data are very similar. VC was not detected in the samples collected from monitoring wells MW-14DR, MW-15D and MW-102D during both sampling events. Review of the analytical results also shows VC impacts increased slightly at monitoring wells MW-5D (4.3 µg/L to 4.7 µg/L), MW-12D (0.55 µg/L to 0.80 µg/L), MW-13D (0.044 µg/L to 0.046 µg/L) and MW-102D (0.23 µg/L to 0.32 µg/L) while VC concentrations decreases slightly at monitoring wells MW-202I (0.023 µg/L to no detection (less than 0.016 µg/L)) and MW-103D (1.4 µg/L to 0.50 µg/L).

4.2.2 Bedrock Monitoring Wells Isoconcentration Maps Discussion

Eight bedrock monitoring wells are sampled as part of the OEI Site monitoring program. As shown on Figure 7, TCE was only detected in the groundwater sample collected from monitoring well MW-101B at a concentration of 0.045 µg/L, which is well below its NR140 PAL of 0.50 µg/L. MW-101B is located west of the OEI Site on the west side of the Eva Street right-of-way. The bedrock TCE plume isoconcentration map produced from the May 2015 sampling event was a little larger in extent than the bedrock TCE plume produced from the May 2016 data due to the lower TCE detection limit for the May 2015 samples (0.020 µg/L vs. 0.030 µg/L). The TCE concentration reported for the May 2015 sample collected from monitoring well MW-101B was 0.047 µg/L, which was slightly higher than the reported TCE concentration for the May 2016 sample.

As shown on Figure 10, VC was only detected in one bedrock monitoring well during the May 2016 sampling event, namely MW-3D. The reported VC concentration in the MW-3D sample was 0.024 µg/L, which is below the NR140 ES of 0.20 µg/L but above the PAL of 0.02 µg/L. VC was only detected in bedrock monitoring well MW-1D during the May 2015 sampling event at a concentration of 0.076 µg/L. The bedrock VC plume isoconcentration maps produced from the May 2015 and May 2016 sampling events suggest the low-level (below the NR140 VC ES) VC bedrock plume moved to the southwest from May 2015 to May 2016.

4.2.3 MNA Parameters Results

The MNA parameters results from the May 2016 sampling event for the shallow-depth unconsolidated deposits monitoring wells, mid-depth unconsolidated deposits monitoring wells and bedrock monitoring wells are listed on Figures 11 through 13. The stabilized DO and ORP measurements taken at the end of the low-flow purging process suggest conditions conducive for reductive dechlorination of TCE (DO less than 0.50 mg/L or ORP less than 50 mV) are present at most of the mid-depth unconsolidated deposits monitoring wells except at monitoring well MW-14DR located on the northwest side of the former OECI electroplating facility. The DO and ORP data from the shallow-depth monitoring wells produced mixed results, but suggest reducing conditions exist on north side of the former OECI Site electroplating facility at monitoring wells MW-1S and MW-4S and on the southeast side of the former OECI Site electroplating facility at monitoring well MW-9S. The DO and ORP data also indicate reducing conditions are present in the shallow groundwater beneath the wetland on the south side of Elm Street around monitoring wells MW-12S, MW-16S and MW-105S. The DO and ORP data from the bedrock monitoring wells suggest conditions are favorable for reductive dechlorination in the bedrock beneath most of the former OECI Site electroplating facility except around monitoring well OW-6 located on the south side of the former OECI electroplating facility.

The scoring system for MNA parameters presented in the June 2006 Minnesota Pollution Control Agency Site Remediation Section report entitled “*Natural Attenuation of Chlorinated Solvents in Ground Water*” was used to evaluate the MNA data from the May 2016 sampling event. A copy of the Table included in Appendix B of the June 2006 Minnesota Pollution Control Agency Site Remediation Section report that lists the scoring criteria for the MNA parameters is included in Appendix D. Points are also given if VC, cis-DCE or chloroethane are present in the sample. VC and cis-DCE are produced during the biological reductive dechlorination of TCE and chloroethane is a product of VC biodegradation under reducing conditions. Zero, one, two, three or minus three points were assigned to each MNA parameter result for each of the groundwater samples collected from the OECI Site monitoring wells during the May 2016 sampling event based on the scoring criteria listed on the Table in Appendix D. The total points given for the monitoring wells samples and the interpretation as to whether the MNA parameters data is indicative of conditions favorable for natural biodegradation of chlorinated ethenes is presented on Table 5. The scores calculated from the May 2015 sampling event data, which were discussed in the August 26, 2015 annual monitoring report, are also included on Table 5. As listed on Table 5, samples with a total score between 0 and 5 are considered to have inadequate evidence for biodegradation. Groundwater samples from 10 of the OECI Site monitoring wells fell within this range. Five of the 10 were water table monitoring wells, three were mid-depth unconsolidated deposits monitoring wells and two were bedrock monitoring wells. A total score between 6 and 14 provides limited evidence for biodegradation. Groundwater samples from 18 of the OECI Site monitoring wells were within this range. Six of the 18 were water table monitoring wells, six were mid-depth unconsolidated deposits monitoring wells and six were bedrock monitoring wells.

4.3 Residential Wells Sample Results

Groundwater sample results for residential wells are presented on Table 4. The VOCs that were detected in one or more of the residential wells groundwater samples collected during the November 2015 sampling event are summarized below:

Compound	NR140 ES (µg/L)	NR140 PAL (µg/L)	“BD” Highest Detected Result (µg/L)	11-2016 RL (µg/L)	11-2016 LOQ (µg/L)	11-2016 Lowest Detected Result (µg/L)	11-2016 Highest Detected Result (µg/L)	11-2016 Number of Wells with a J-flagged Result	11-2016 Number of Wells with a Detection
1,2-Dichloroethane	5.0	0.5	0.065	0.04	0.14	0.048	0.065	2	2
cis-DCE	70.	7.0	6.0	0.06	0.21	0.11	6.0	1	7
Diisopropyl ether	--	--	NA	0.04	0.15	0.13	0.13	1	1
Methyl tert-butyl ether	60.	12.	1.3	0.04	0.15	0.43	1.0	0	7
Toluene	800.	160.	1.6	0.06	0.21	0.083	0.083	1	1
trans-DCE	100.	20.	0.65	0.06	0.20	0.066	0.26	5	6
TCE	5.0	0.5	0.65	0.03	0.10	0.031	0.69	4	5
VC	0.2	0.02	0.08	0.016	0.052	0.021	0.055	3	5

Notes:

- “BD” = Before in-situ treatment of soil in source Area A with Daramend, which took place in June 2013.
- NA = Not Analyzed
- RL = Undiluted Reporting Limit
- LOQ = Undiluted Limit of Quantitation
- J flag = Reported concentration was between the RL and LOQ.

As shown above, VC was detected in five of the seven residential wells samples at concentrations exceeding the Chapter NR140 PAL of 0.02 µg/L but below the ES of 0.20 µg/L. VC was detected for the first time in a sample collected from the residential well located on the 2607 Elm Street property (Well ID: PW-10) at a reported J-flagged concentration 0.021 µg/L (see November 5, 2015 PW-10 result in Table 4). The J-flag qualifier indicates the VC concentration in the sample was lower than the LOQ of 0.052 µg/L and therefore the listed concentration is an estimate value. The reported TCE concentration in the groundwater sample collected from the residential well located on the 2601 Oak Street property (Well ID: PW-03) exceeded the NR140 PAL of 0.50 µg/L. The reported TCE concentrations in the four other residential wells samples that had TCE detections were below the PAL. None of the other compounds detected in the residential wells samples exceeded their respective NR140 groundwater quality standards.

The residential wells sampling results were reported to the property owners and to the occupants of the house if the property owners did not reside on the property using WDNR Site Investigation Sampling Results Notification Form 4400-249. A copy of the analytical report for the groundwater sample collected from the residential well, a table summarizing the analytical results and figure showing the location of the residential well on the property were included with the Site Investigation Sampling Results Notification Form. Copies of the notifications were also submitted to the WDNR Project Manager for the OEI Site, Mr. Aristeo (Resty) Pelayo, via email.

5.0 CONCLUSIONS

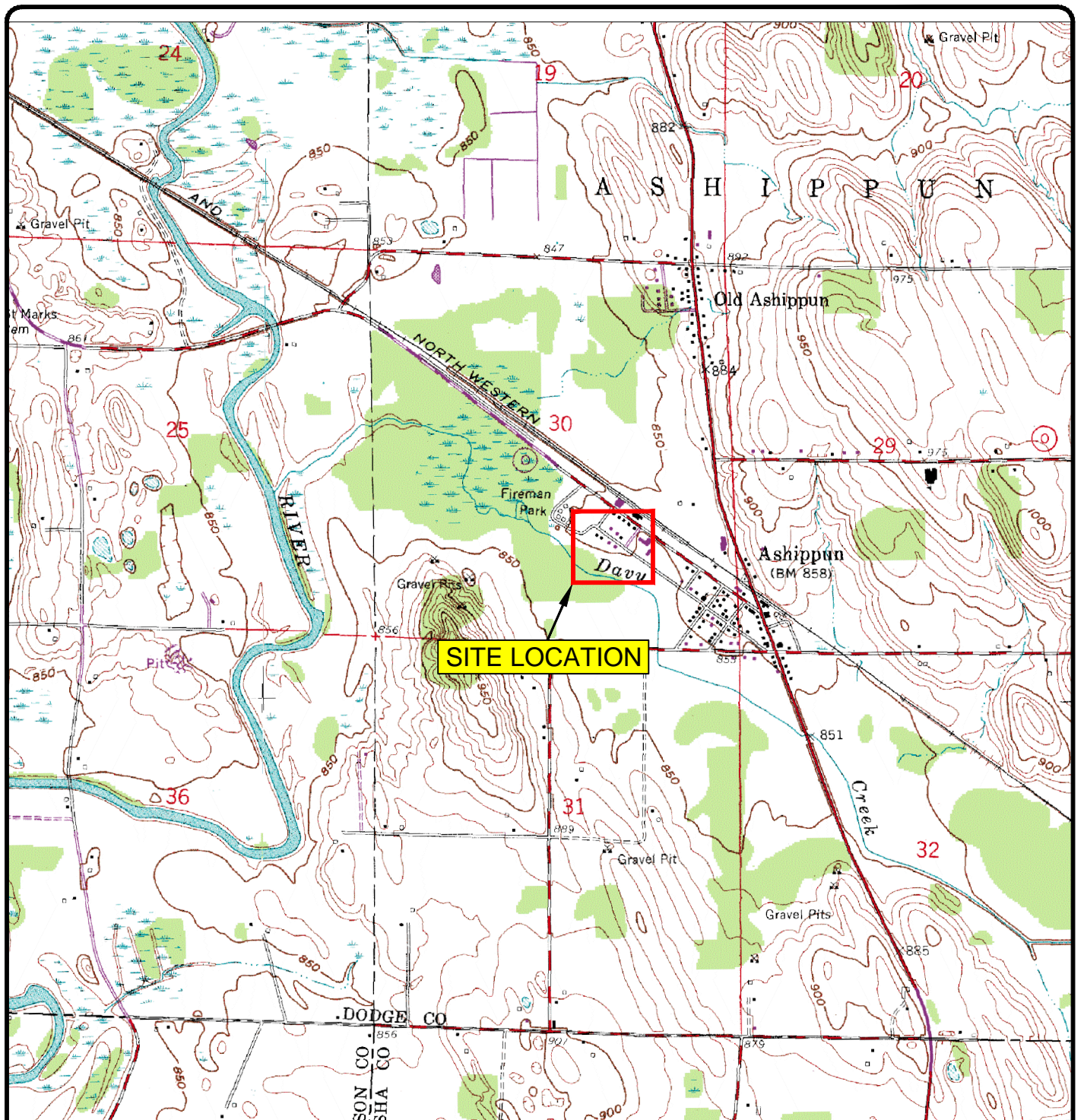
The depth to groundwater measurements collected from the OECl Site monitoring wells during the November 2015 and May 2016 groundwater monitoring events indicate groundwater flow is predominantly to the southwest, toward Davy Creek, in the unconsolidated deposits and to the west in the bedrock. The flow directions produced from the November 2015 and May 2016 monitoring events are consistent with the flow directions produced from the December 2014 and May 2015 sampling events. Based on the vertical gradients calculated from the nested OECl Site monitoring wells water level data, vertical gradients are predominantly upward in the wetland area located south of Elm Street and predominantly downward north of Elm Street. The vertical gradient data from the monitoring well nests south of Elm Street suggest groundwater discharges to the wetland and Davy Creek.

The VOCs analytical data indicate the center of mass of the TCE plume is south of Elm Street and the highest TCE impacts occur at water table monitoring well MW-105S (1,200 µg/L). TCE was detected in all but one of the mid-depth unconsolidated deposits monitoring wells and the TCE plume extends further west in the zone monitored by the mid-depth monitoring wells compared to the zone monitored by the water table monitoring wells. The analytical data from the bedrock monitoring wells and residential wells indicate TCE impacts are of limited extent in the bedrock and where present do not exceed the NR140 ES of 5.0 µg/L. The monitoring wells time series charts produced from January 2009 through May 2016 sampling events analytical results indicate TCE concentrations are non-detect, stable or decreasing in 23 of the 28 monitoring wells that are part of the OECl Site groundwater sampling program, which suggests the OECl Site plume is stable to decreasing.

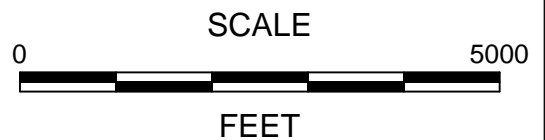
The groundwater sample collected from water table monitoring well MW-16S during the May 2016 sampling event had the highest VC impacts (23 µg/L), which places the center of mass of the VC plume south of Elm Street. VC impacts exceeding the NR140 ES of 0.20 µg/L are most extensive in the zone monitored by the mid-depth unconsolidated deposits monitoring wells. The analytical results from mid-depth monitoring wells MW-15D and MW-102D suggest VC impacts may be increasing near the western edge of the OECl Site plume in the mid-depth zone. The analytical results from the bedrock monitoring wells and residential wells indicate VC impacts in the bedrock, where present, do not exceed the NR140 ES and are less extensive compared to the extent of VC impacts in the unconsolidated deposits.

The presence of VC and cis-DCE in many of the monitoring wells samples indicate reductive dechlorination of TCE is occurring within the OECl Site contaminant plume. However, the MNA parameters data suggest site conditions are not optimal for natural biodegradation.

FIGURES



National Geodetic Vertical Datum of 1929
Contour Interval 10 Feet



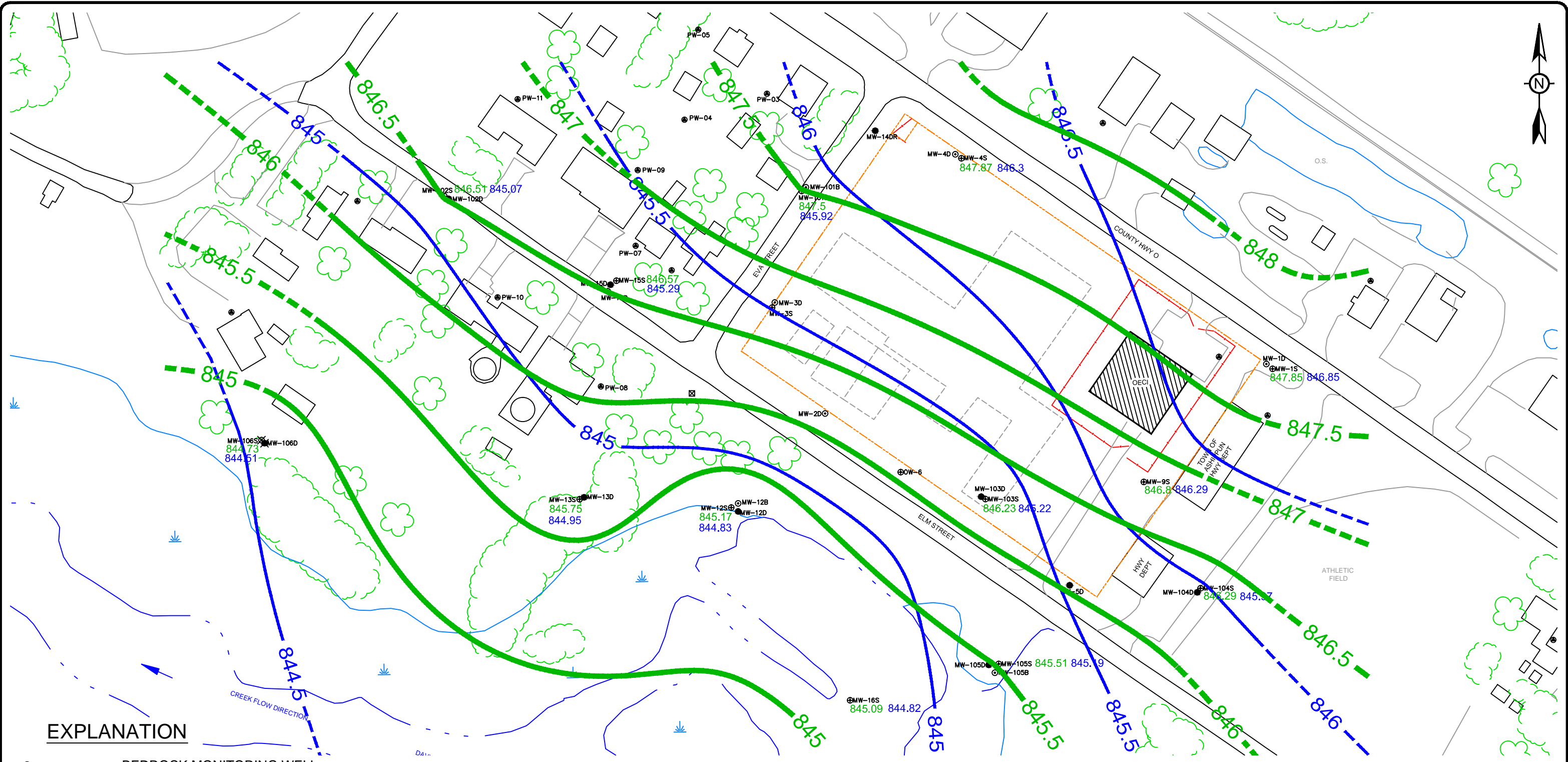
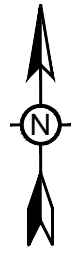
Base map from U.S.G.S. 7.5' IXONIA,
WISCONSIN topographic quadrangle map.

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LOCATION MAP

LOCATION: ASHIPGUN, WISCONSIN



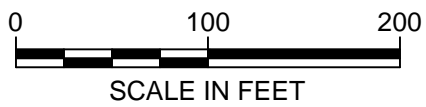
CHECKED	MAM	FIGURE: 1
DRAFTED	HJW	
PROJECT	117-7413001	
DATE	7/1/15	



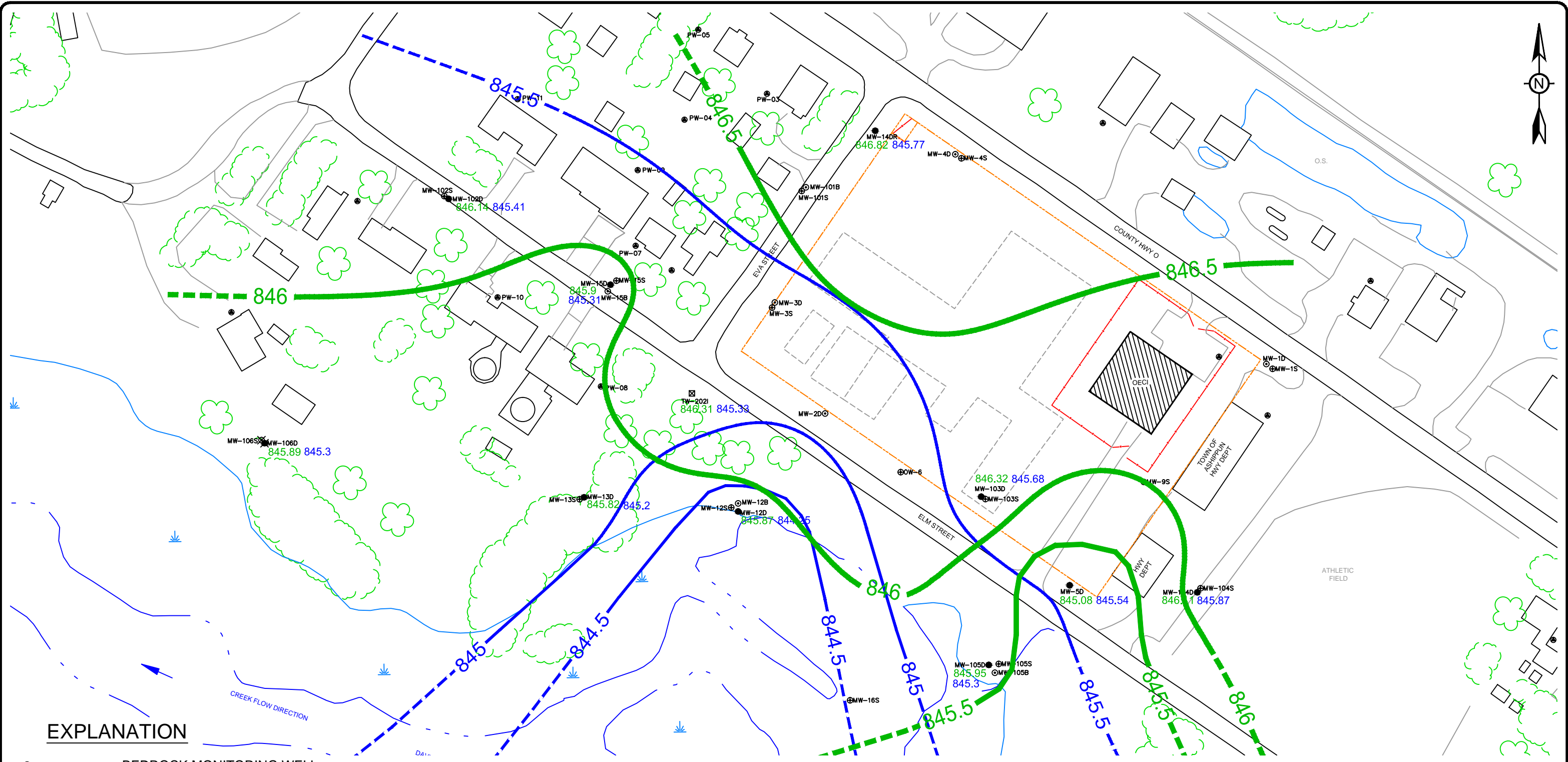
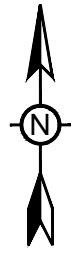
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

- 846.21 NOV 2015 GROUNDWATER ELEVATION (FEET MSL)
- 845 --- NOV 2015 GROUNDWATER CONTOUR (FEET MSL)
DASHED WHERE INFERRED
- 846.21 MAY 2016 GROUNDWATER ELEVATION (FEET MSL)
- 845 --- MAY 2016 GROUNDWATER CONTOUR (FEET MSL)
DASHED WHERE INFERRED
- CONTOUR INTERVAL: 0.5 FEET
- DATUM: FEET ABOVE MEAN SEA LEVEL (MSL)



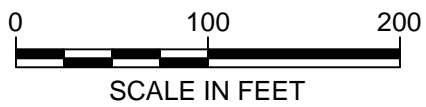
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. NOVEMBER 2015 & MAY 2016 WATER TABLE CONTOUR MAP		
LOCATION: ASHIPUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	6/14/16	FIGURE: 2



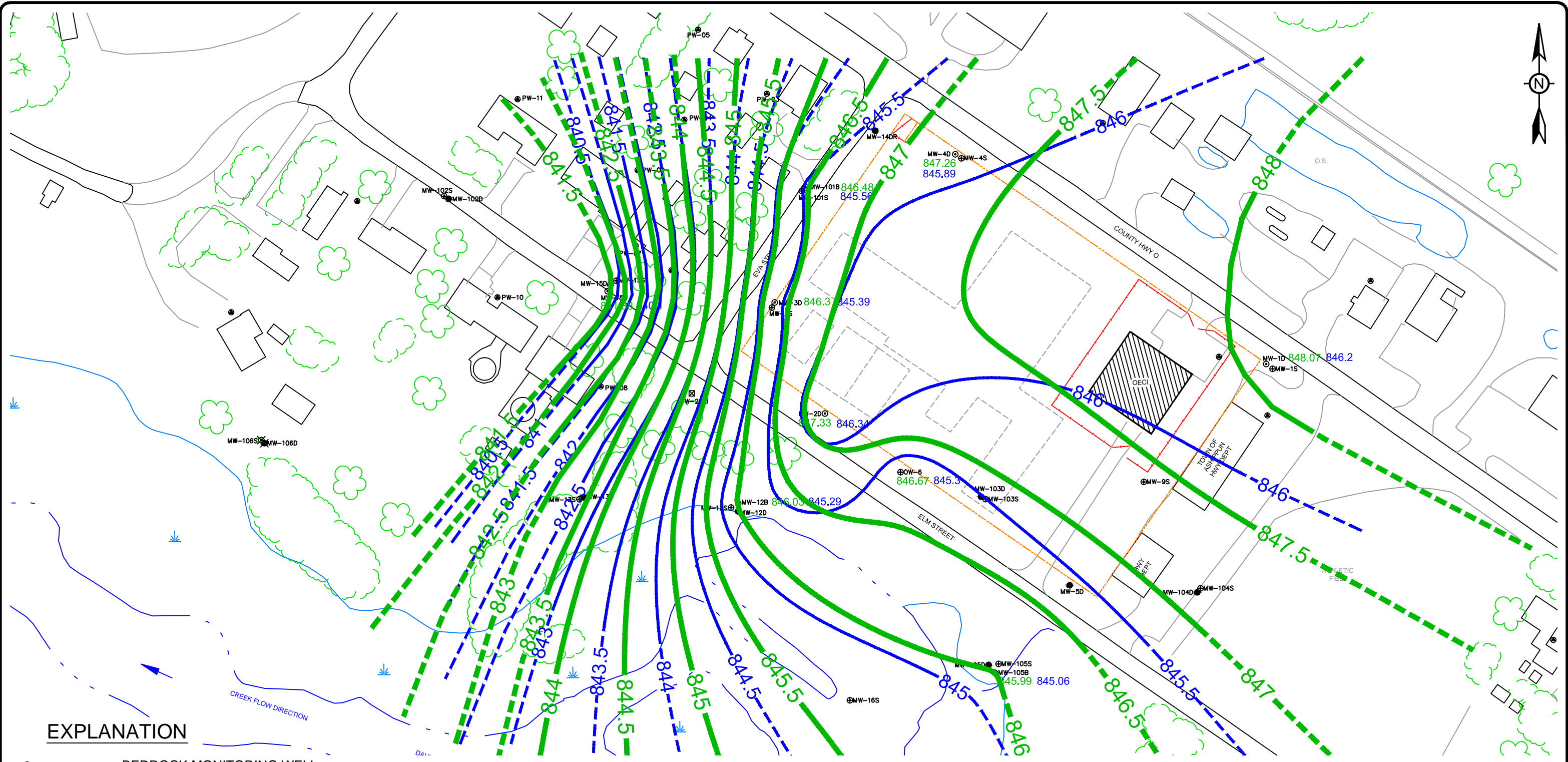
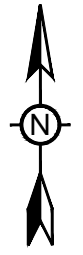
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊙MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊙MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊙TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

- 846.21 NOV 2015 GROUNDWATER ELEVATION (FEET MSL)
- 845 --- NOV 2015 GROUNDWATER CONTOUR (FEET MSL)
DASHED WHERE INFERRED
- 846.21 MAY 2016 GROUNDWATER ELEVATION (FEET MSL)
- 845 --- MAY 2016 GROUNDWATER CONTOUR (FEET MSL)
DASHED WHERE INFERRED
- CONTOUR INTERVAL: 0.5 FEET
- DATUM: FEET ABOVE MEAN SEA LEVEL (MSL)



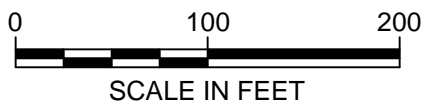
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. NOVEMBER 2015 & MAY 2016 MID-DEPTH MONITORING WELLS POTENTIOMETRIC SURFACE CONTOUR MAP		
LOCATION: ASHIPUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	6/14/16	FIGURE: 3



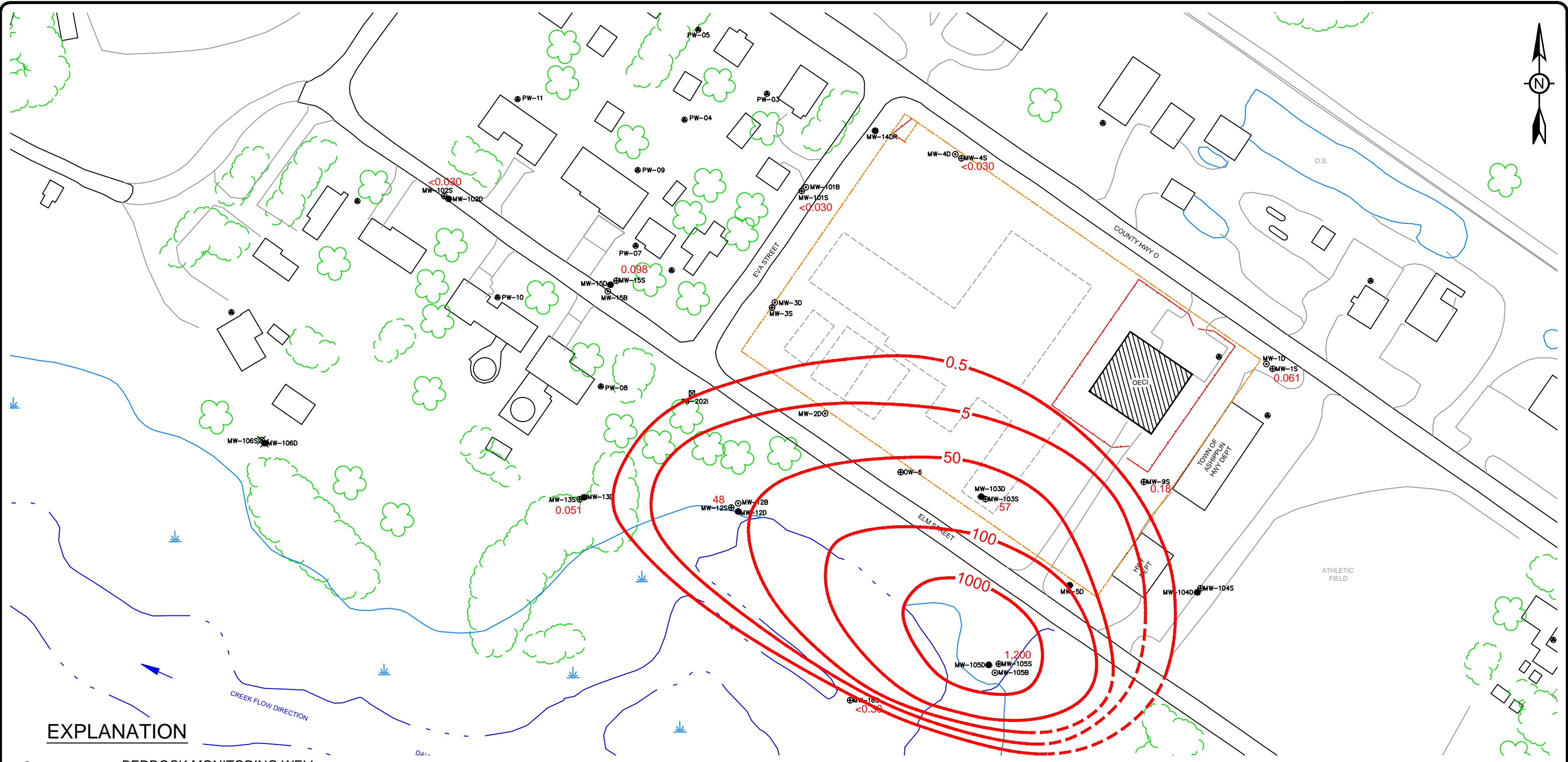
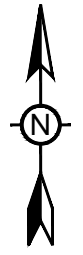
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊙MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊙MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊙TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

- 846.21 NOV 2015 GROUNDWATER ELEVATION (FEET MSL)
- 845 --- NOV 2015 GROUNDWATER CONTOUR (FEET MSL) DASHED WHERE INFERRED
- 846.21 MAY 2016 GROUNDWATER ELEVATION (FEET MSL)
- 845 --- MAY 2016 GROUNDWATER CONTOUR (FEET MSL) DASHED WHERE INFERRED
- CONTOUR INTERVAL: 0.5 FEET
- DATUM: FEET ABOVE MEAN SEA LEVEL (MSL)



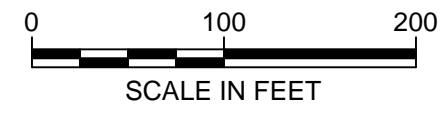
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. NOVEMBER 2015 & MAY 2016 BEDROCK MONITORING WELLS POTENTIOMETRIC SURFACE CONTOUR MAP			
LOCATION: ASHIPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 4
	DRAFTED	HJW	
	PROJECT	117-7413001	
DATE	6/14/16		



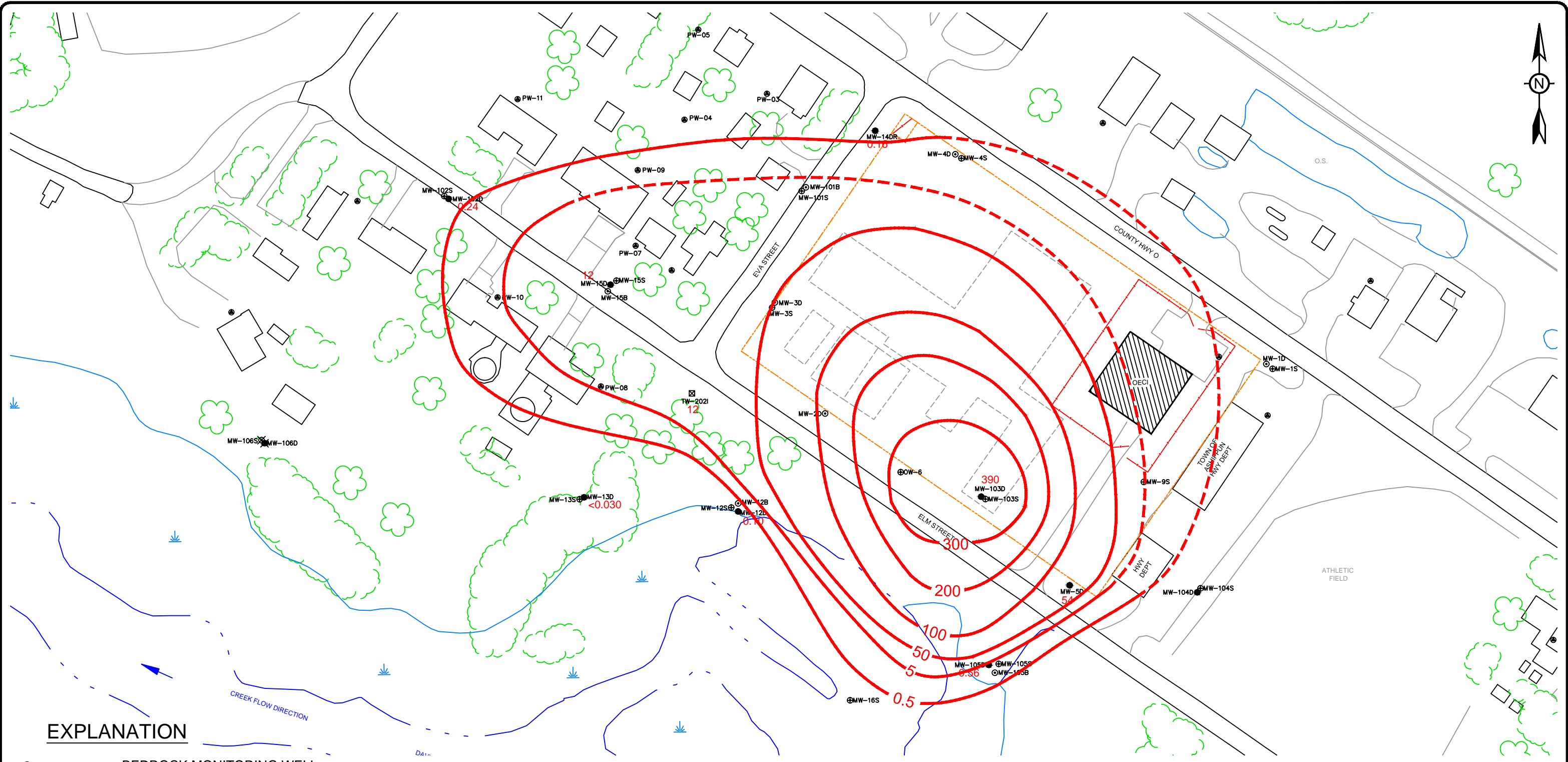
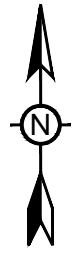
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL

72
 —50— TCE CONCENTRATION (ug/L)
 TCE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT SHALLOW-DEPTH MONITORING WELLS TCE ISOCONCENTRATION MAP			
LOCATION: ASHIPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 5
	DRAFTED	HJW	
	PROJECT	117-7413001	
DATE	6/20/16		



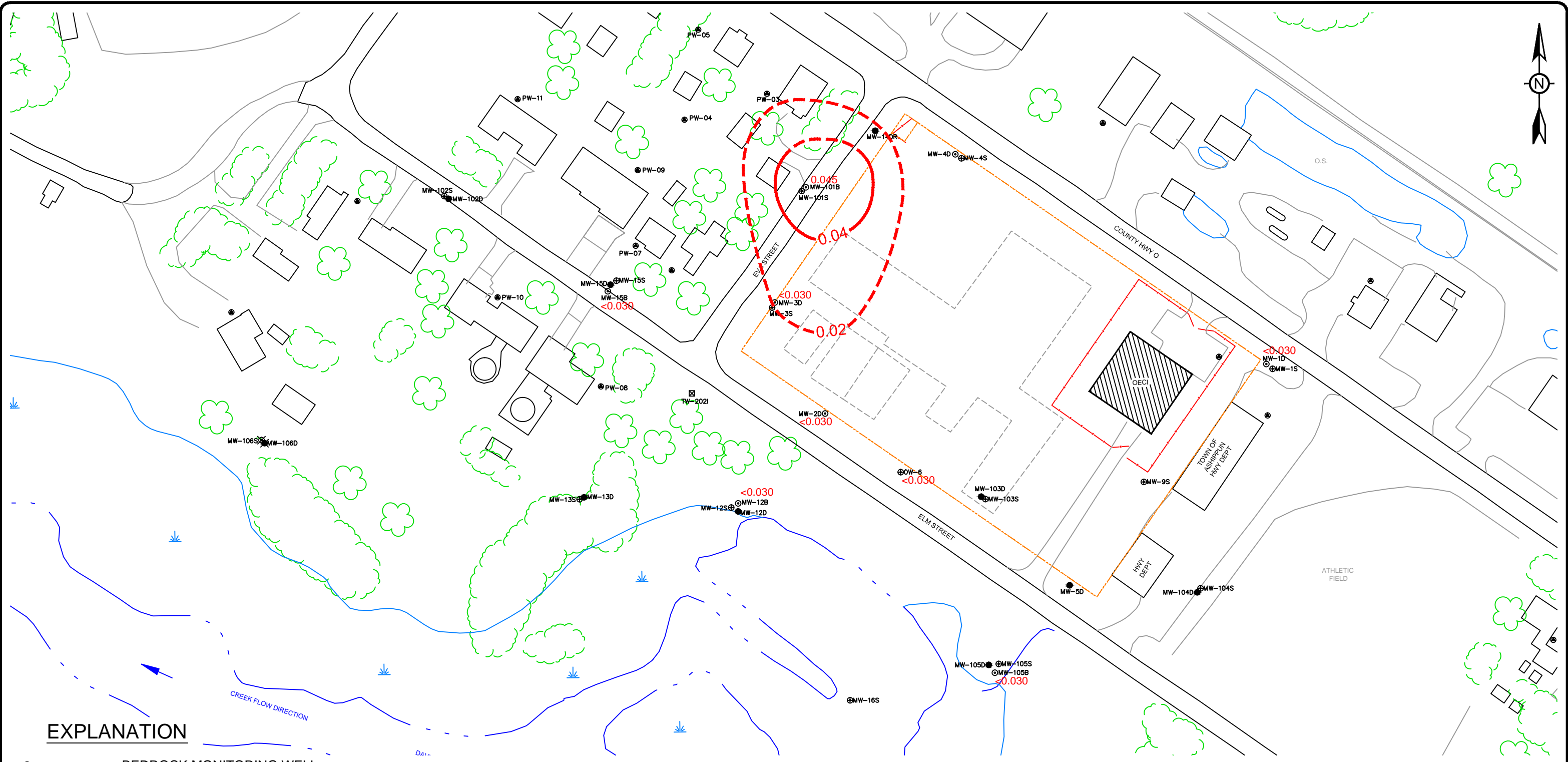
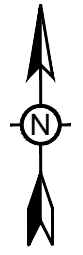
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- - - - - FORMER OECl SITE BOUNDARY
- - - - - FENCED AREA

50
 — 50 ———
 TCE CONCENTRATION (ug/L)
 TCE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT MID-DEPTH MONITORING WELLS TCE ISOCONCENTRATION MAP		
LOCATION: ASHIPUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	6/20/16	FIGURE: 6



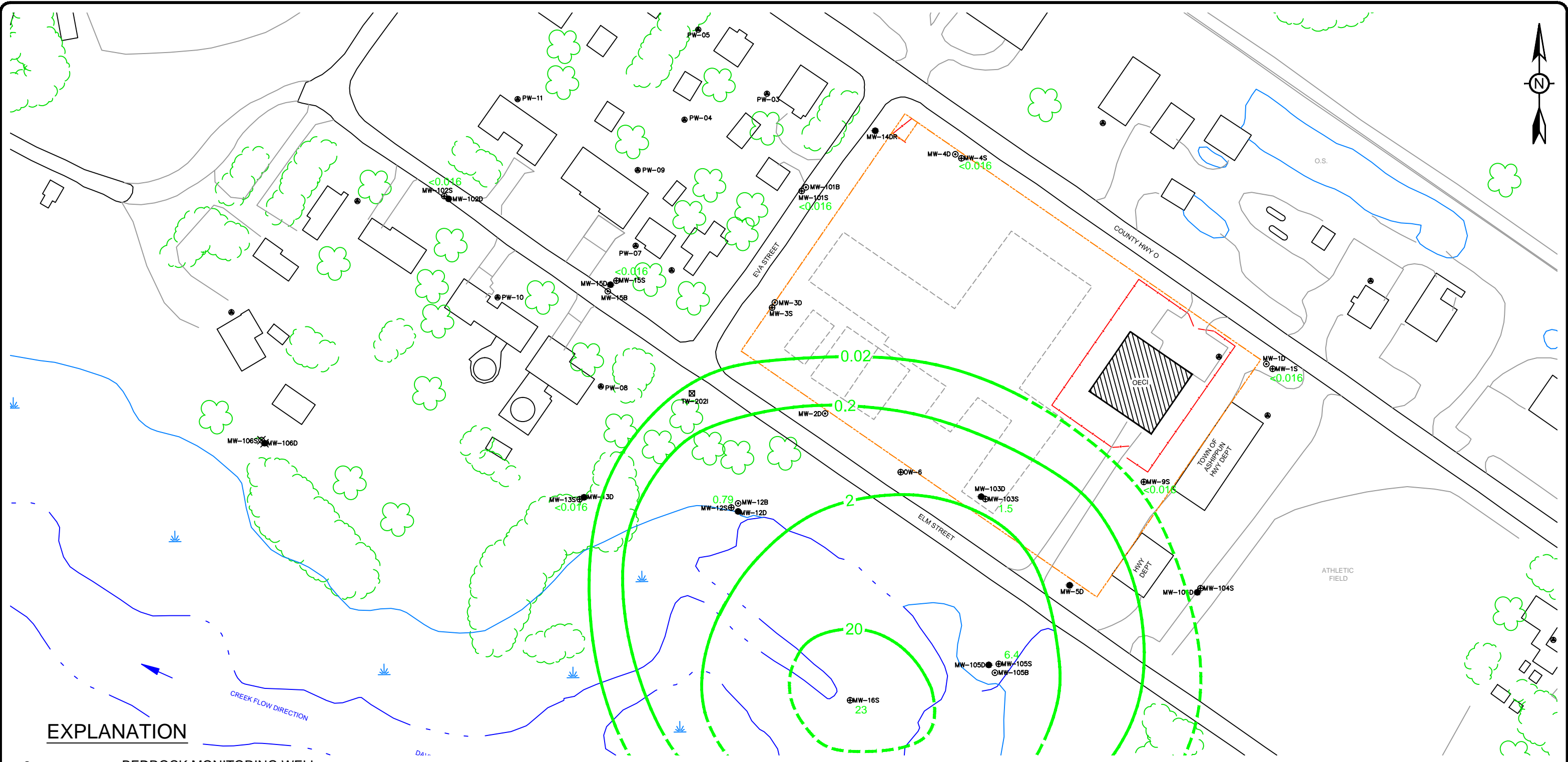
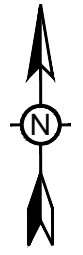
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

0.047 TCE CONCENTRATION (ug/L)
 —0.04— TCE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



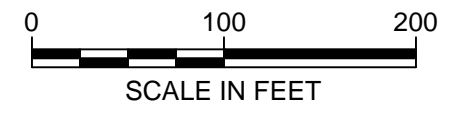
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT BEDROCK MONITORING WELLS TCE ISOCONCENTRATION MAP		
LOCATION: ASHIPUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	6/20/16	FIGURE: 7



EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- PW-11 RESIDENTIAL WELL
- ⊙MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊕MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

28
2.0
VINYL CHLORIDE CONCENTRATION (ug/L)
VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L)
DASHED WHERE INFERRED

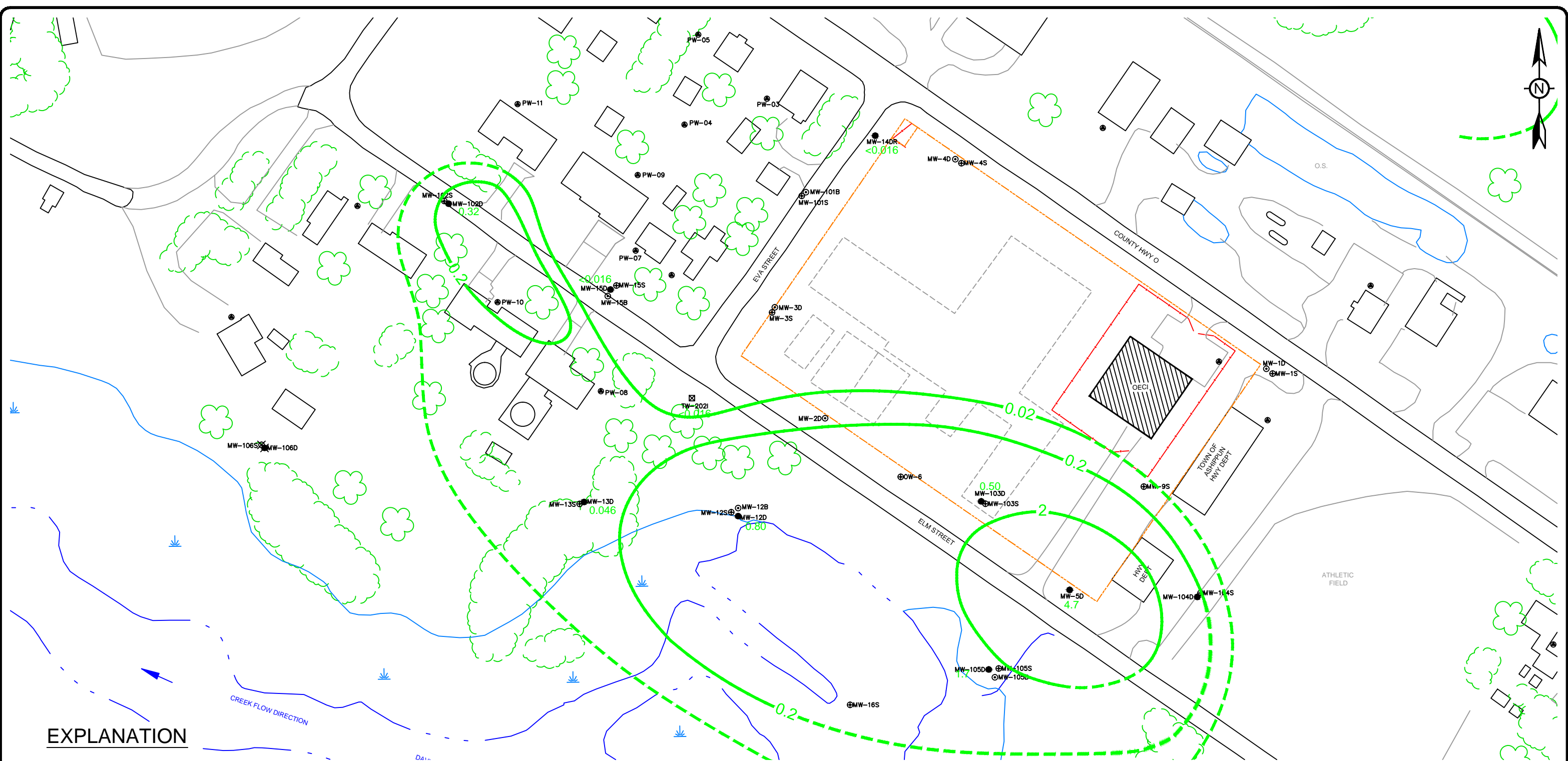


TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
MAY 2016 SAMPLING EVENT SHALLOW-DEPTH
MONITORING WELLS VINYL CHLORIDE ISOCONCENTRATION MAP

LOCATION: ASHIPGUN, WISCONSIN



CHECKED	MAM	FIGURE:
DRAFTED	HJW	8
PROJECT	117-7413001	
DATE	6/20/16	



EXPLANATION

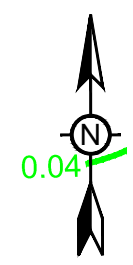
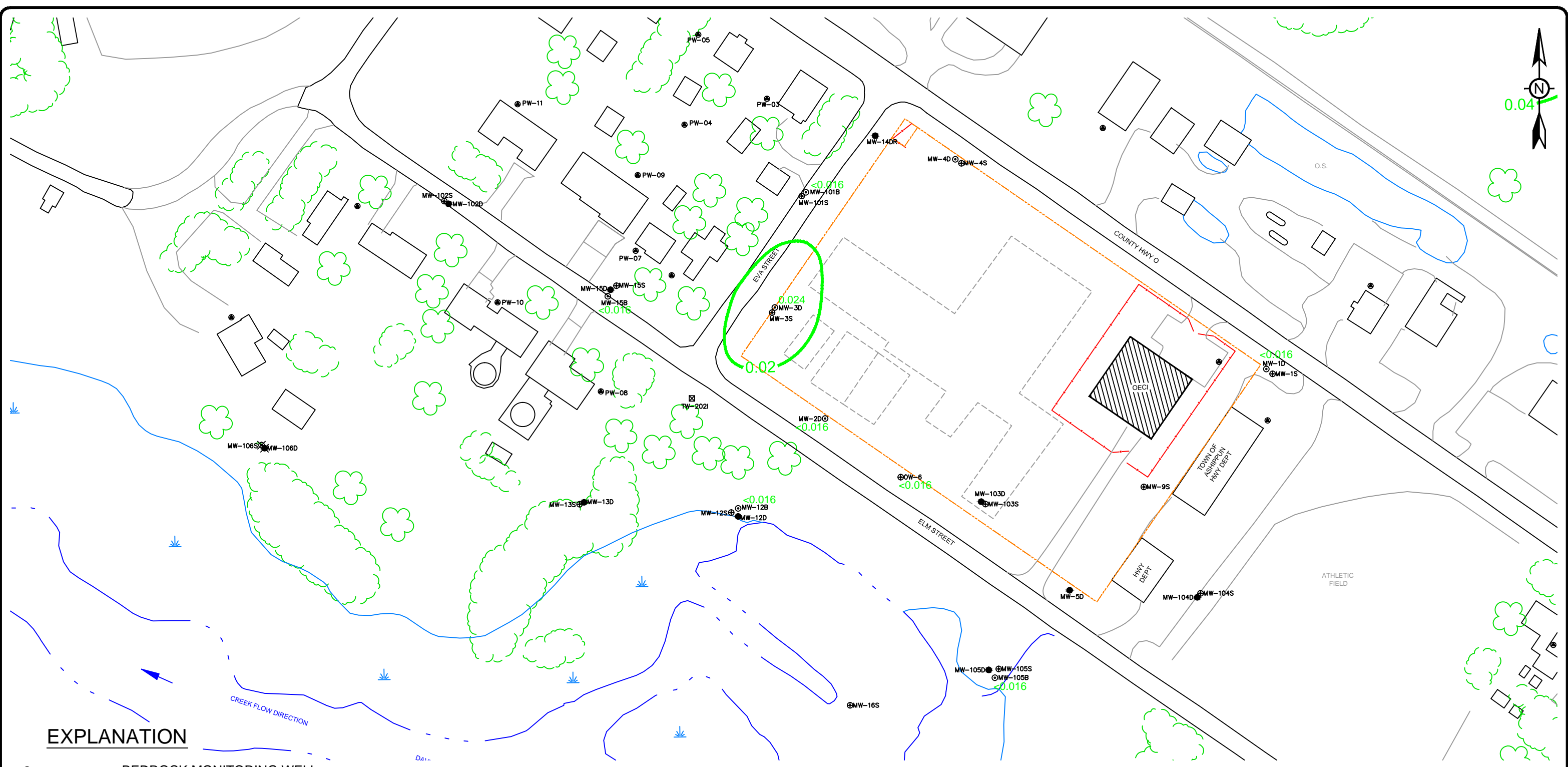
- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

4.3
 2.0
 0.2
 0.50
 0.016

VINYL CHLORIDE CONCENTRATION (ug/L)
 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



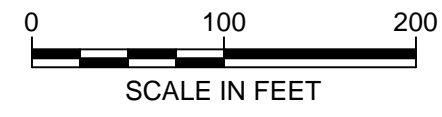
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT MID-DEPTH MONITORING WELLS VINYL CHLORIDE ISOCONCENTRATION MAP		
LOCATION: ASHIPGUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	6/20/16	FIGURE: 9



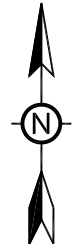
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

0.076 VINYL CHLORIDE CONCENTRATION (ug/L)
 0.04 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT BEDROCK MONITORING WELLS VINYL CHLORIDE ISOCONCENTRATION MAP		
LOCATION: ASHIPUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	6/20/16	FIGURE: 10



Parameter	MW-102S
DO	6.79
ORP	356
Alkalinity, total	350
Chloride	235
Iron, dissolved	<0.010
Manganese, dissolved	<1.5
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	<0.40
Sulfate	28
Total Organic Carbon	0.97

Parameter	MW-101S
DO	2.62
ORP	336
Alkalinity, total	330
Chloride	830
Iron, dissolved	0.03
Manganese, dissolved	<1.6
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	<0.40
Sulfate	26
Total Organic Carbon	6.5

Parameter	MW-4S
DO	0.00
ORP	97
Alkalinity, total	740
Chloride	42
Iron, dissolved	0.501
Manganese, dissolved	111
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	20
Sulfate	100
Total Organic Carbon	10

Parameter	MW-15S
DO	4.97
ORP	228
Alkalinity, total	310
Chloride	120
Iron, dissolved	<0.010
Manganese, dissolved	4.5
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	<0.40
Sulfate	19
Total Organic Carbon	2.5

Parameter	MW-1S
DO	0.00
ORP	38
Alkalinity, total	350
Chloride	160
Iron, dissolved	0.406
Manganese, dissolved	196
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	18
Sulfate	53
Total Organic Carbon	1.8

Parameter	MW-13S
DO	3.78
ORP	130
Alkalinity, total	310
Chloride	120
Iron, dissolved	0.098
Manganese, dissolved	10
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	<0.40
Sulfate	17
Total Organic Carbon	2.9

Parameter	MW-12S
DO	0.00
ORP	30
Alkalinity, total	380
Chloride	220
Iron, dissolved	<0.010
Manganese, dissolved	104
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	18
Sulfate	59
Total Organic Carbon	3.2

Parameter	MW-16S
DO	0.00
ORP	-73
Alkalinity, total	730
Chloride	250
Iron, dissolved	5.77
Manganese, dissolved	58.6
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	19
Sulfate	950
Total Organic Carbon	4.8

Parameter	MW-103S
DO	5.74
ORP	213
Alkalinity, total	490
Chloride	57
Iron, dissolved	0.034
Manganese, dissolved	348
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	88
Sulfate	69
Total Organic Carbon	6.9

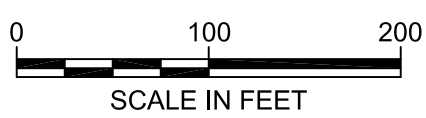
Parameter	MW-9S
DO	0.00
ORP	-35
Alkalinity, total	350
Chloride	310
Iron, dissolved	0.877
Manganese, dissolved	70.6
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	21
Sulfate	59
Total Organic Carbon	2.8

Parameter	MW-105S
DO	0.00
ORP	-17
Alkalinity, total	410
Chloride	320
Iron, dissolved	2.84
Manganese, dissolved	175
Acetylene	<0.23
Ethane	2.3
Ethene	0.67
Methane	240
Sulfate	56
Total Organic Carbon	3

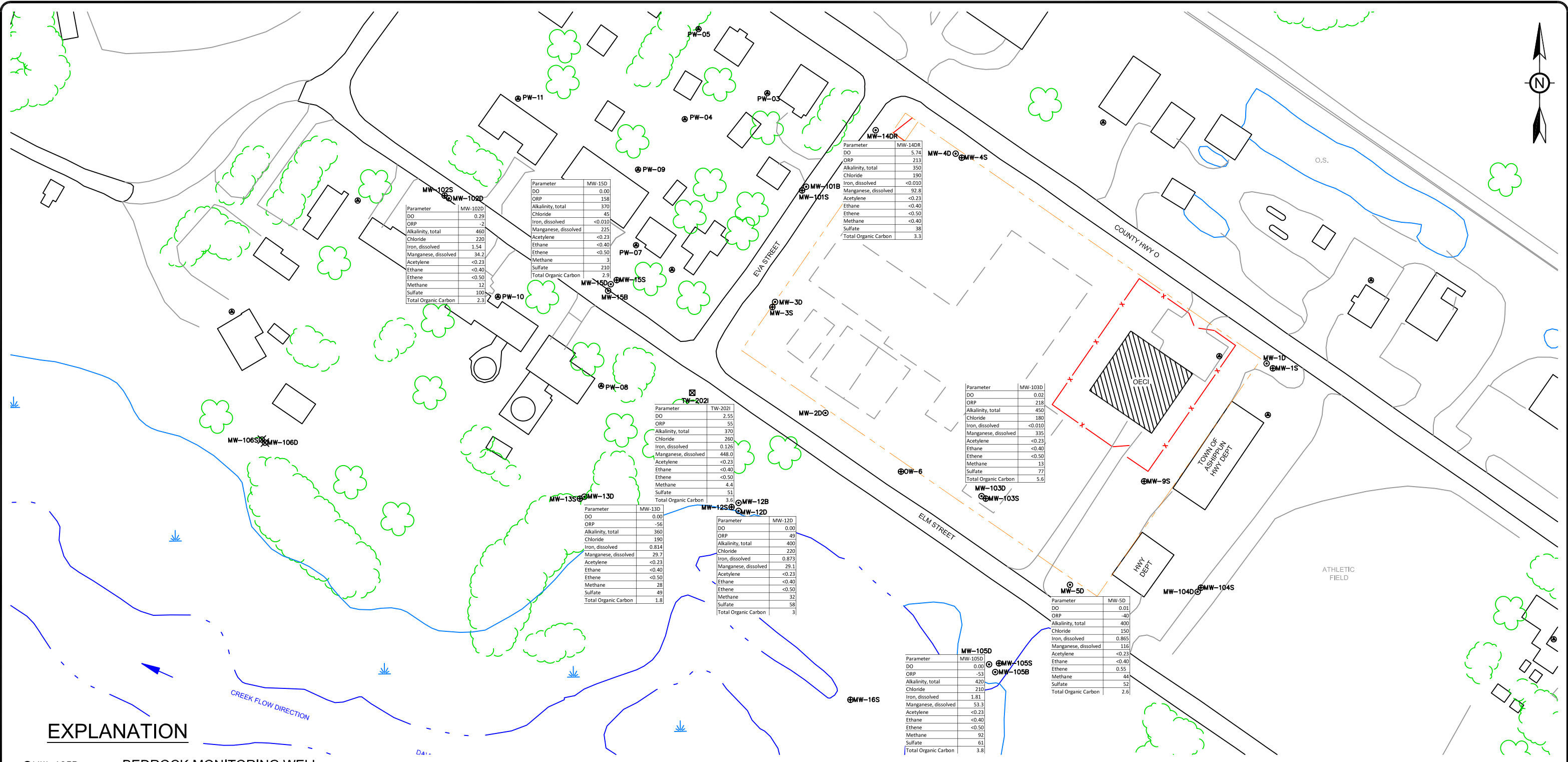
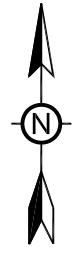
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

Parameter	Units
DO	mg/l
ORP	millivolts
Alkalinity	mg/L
Chloride	mg/L
Iron, dissolved	mg/L
Manganese, dissolved	µg/L
Ethane	µg/L
Ethene	µg/L
Methane	µg/L
Sulfate	mg/L
TOC	mg/L



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT SHALLOW-DEPTH MONITORING WELLS MONITORED NATURAL ATTENUATION PARAMETER RESULTS			
LOCATION: ASHIPPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 11
	DRAFTED	HJW	
	PROJECT	117-7413001	
	DATE	6/20/16	



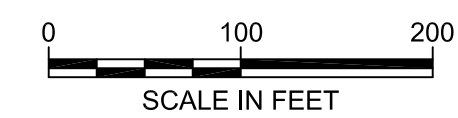
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

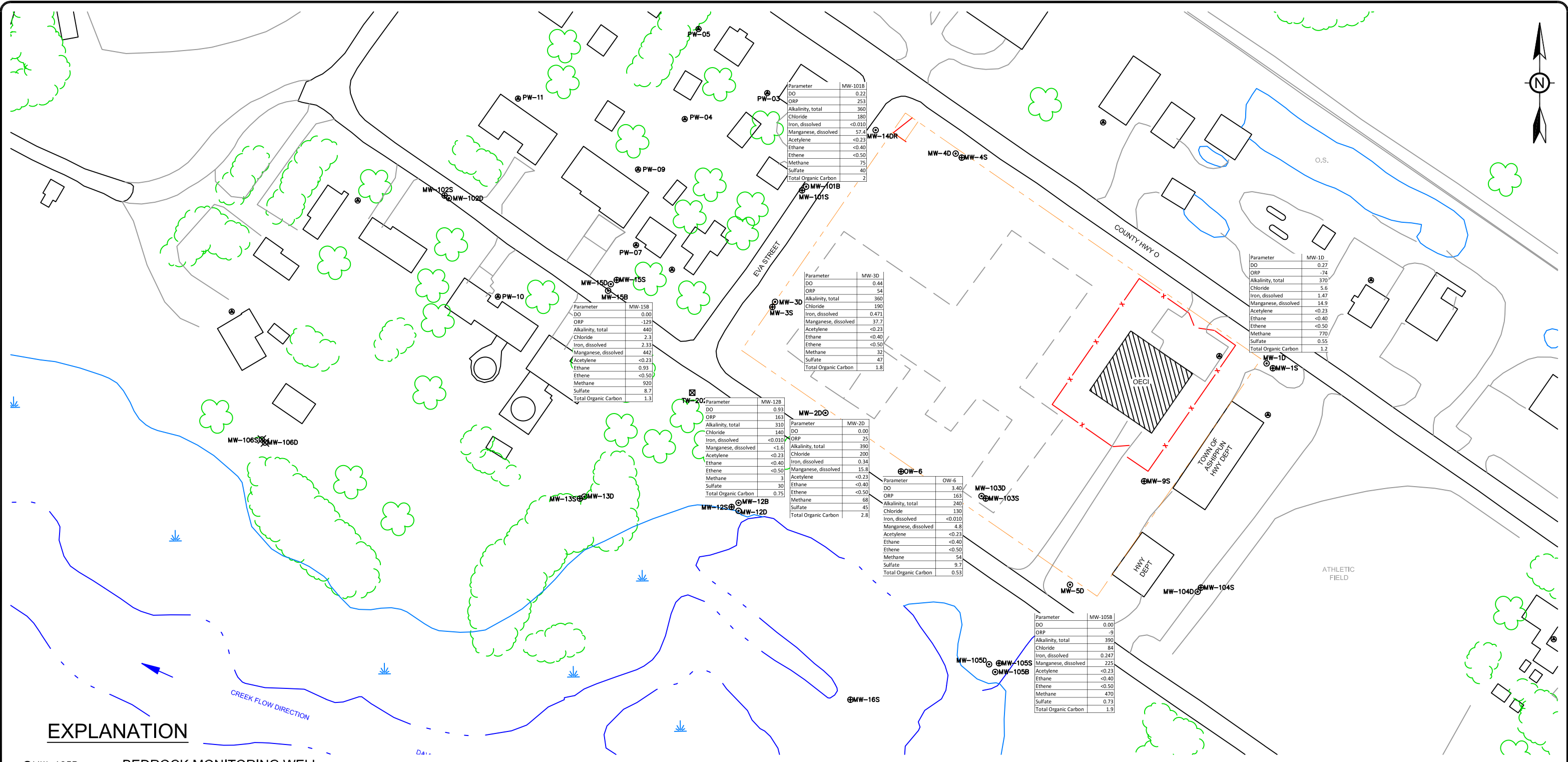
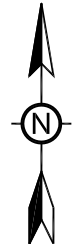
Parameter	Units
DO	mg/l
ORP	millivolts
Alkalinity	mg/L
Chloride	mg/L
Iron, dissolved	mg/L
Manganese, dissolved	µg/L
Ethane	µg/L
Ethene	µg/L
Methane	µg/L
Sulfate	mg/L
TOC	mg/L

Parameter	MW-105D
DO	0.00
ORP	-53
Alkalinity, total	420
Chloride	210
Iron, dissolved	1.81
Manganese, dissolved	53.3
Acetylene	<0.23
Ethane	<0.40
Ethene	<0.50
Methane	92
Sulfate	61
Total Organic Carbon	3.8

Parameter	MW-5D
DO	0.01
ORP	-40
Alkalinity, total	400
Chloride	150
Iron, dissolved	0.865
Manganese, dissolved	116
Acetylene	<0.23
Ethane	<0.40
Ethene	0.55
Methane	44
Sulfate	52
Total Organic Carbon	2.6



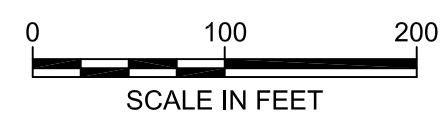
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT MID-DEPTH MONITORING WELLS MONITORED NATURAL ATTENUATION PARAMETER RESULTS			
LOCATION: ASHIPPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 12
	DRAFTED	HJW	
	PROJECT	117-7413001	
	DATE	6/20/16	



EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- FENCED AREA

Parameter	Units
DO	mg/l
ORP	millivolts
Alkalinity	mg/L
Chloride	mg/L
Iron, dissolved	mg/L
Manganese, dissolved	µg/L
Ethane	µg/L
Ethene	µg/L
Methane	µg/L
Sulfate	mg/L
TOC	mg/L



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2016 SAMPLING EVENT BEDROCK MONITORING WELLS MONITORED NATURAL ATTENUATION PARAMETER RESULTS			
LOCATION: ASHIPPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 13
	DRAFTED	HJW	
	PROJECT	117-7413001	
DATE	6/20/16		

TABLES

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		12/10/2014	5/4/2015	11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015	5/9/2016	12/11/2014	5/4/2015
Well Parameters	Units	MW-1S	MW-1S	MW-1S	MW-1S	MW-1D	MW-1D	MW-1D	MW-1D	MW-2D	MW-2D
Type		WT	WT	WT	WT	BR	BR	BR	BR	BR	BR
Reference TOC Elevation	ft MSL	853.42	853.42	853.42	853.42	853.14	853.14	853.14	853.14	852.36	852.36
Screen Length	ft	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
Depth to Groundwater (from TOC)	ft btoc	6.68	5.39	6.57	5.57	7.07	5.32	6.94	5.07	5.94	4.9
Groundwater Elevation	ft MSL	846.74	848.03	846.85	847.85	846.07	847.82	846.20	848.07	846.42	847.46
Depth to Bottom of Well (from TOC)	ft btoc	17.59	17.59	17.59	17.59	50.72	50.72	50.72	50.72	43.48	43.48
Height of Water Column in Well	feet	10.91	12.2	11.02	12.02	43.65	45.4	43.78	45.65	37.54	38.58

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015	5/9/2016	12/11/2014	5/4/2015	11/2/2015	5/9/2016
Well Parameters	Units	MW-2D	MW-2D	MW-3D	MW-3D	MW-3D	MW-3D	MW-4S	MW-4S	MW-4S	MW-4S
Type		BR	BR	BR	BR	BR	BR	WT	WT	WT	WT
Reference TOC Elevation	ft MSL	852.36	852.36	853.51	853.51	853.51	853.51	854.58	854.58	854.58	854.58
Screen Length	ft	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
Depth to Groundwater (from TOC)	ft btoc	6.02	5.03	7.56	5.98	8.12	7.21	8.37	6.62	8.28	6.71
Groundwater Elevation	ft MSL	846.34	847.33	845.95	847.53	845.39	846.30	846.21	847.96	846.30	847.87
Depth to Bottom of Well (from TOC)	ft btoc	43.48	43.48	50.56	50.56	50.56	50.56	18.09	18.09	18.09	18.09
Height of Water Column in Well	feet	37.46	38.45	43	44.58	42.44	43.35	9.72	11.47	9.81	11.38

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/4/2015	11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015
Well Parameters	Units	MW-4D	MW-4D	MW-4D	MW-5D	MW-5D	MW-5D	MW-5D	MW-9S	MW-9S	MW-9S
Type		BR	BR	BR	Pz	Pz	Pz	Pz	WT	WT	WT
Reference TOC Elevation	ft MSL	854.63	854.63	854.63	848.80	848.80	848.80	848.80	851.57	851.57	851.57
Screen Length	ft	10.	10.	10.	5.	5.	5.	5.	10.	10.	10.
Depth to Groundwater (from TOC)	ft btoc	7.41	8.74	7.37	3.95	2.52	3.26	3.72	5.53	4.5	5.28
Groundwater Elevation	ft MSL	847.22	845.89	847.26	844.85	846.28	845.54	845.08	846.04	847.07	846.29
Depth to Bottom of Well (from TOC)	ft btoc				24.45	24.45	24.45	24.45	22.33	22.33	22.33
Height of Water Column in Well	feet				20.5	21.93	21.19	20.73	16.8	17.83	17.05

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/9/2016	12/11/2014	5/4/2015	11/2/2015	5/9/2016	12/11/2014	5/4/2015	11/2/2015	5/9/2016	12/11/2014
Well Parameters	Units	MW-9S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12D	MW-12D	MW-12D	MW-12D	MW-12B
Type		WT	WT	WT	WT	WT	Pz	Pz	Pz	Pz	BR
Reference TOC Elevation	ft MSL	851.57	849.17	849.17	849.17	849.17	848.31	848.31	848.31	848.31	849.40
Screen Length	ft	10.	10.	10.	10.	10.	5.	5.	5.	5.	5.
Depth to Groundwater (from TOC)	ft btoc	4.77	4.24	3.79	4.34	4	2.96	2.19	4.06	2.44	4.15
Groundwater Elevation	ft MSL	846.80	844.93	845.38	844.83	845.17	845.35	846.12	844.25	845.87	845.25
Depth to Bottom of Well (from TOC)	ft btoc	22.33	14.89	14.89	14.89	14.89	25.11	25.11	25.11	25.11	44.55
Height of Water Column in Well	feet	17.56	10.65	11.1	10.55	10.89	22.15	22.92	21.05	22.67	40.4

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/4/2015	11/2/2015	5/9/2016	12/11/2014	5/4/2015	11/2/2015	5/9/2016	12/11/2014	5/4/2015	11/2/2015
Well Parameters	Units	MW-12B	MW-12B	MW-12B	MW-13S	MW-13S	MW-13S	MW-13S	MW-13D	MW-13D	MW-13D
Type		BR	BR	BR	WT	WT	WT	WT	Pz	Pz	Pz
Reference TOC Elevation	ft MSL	849.40	849.40	849.40	850.91	850.91	850.91	850.91	850.02	850.02	850.02
Screen Length	ft	5.	5.	5.	10.	10.	10.	10.	5.	5.	5.
Depth to Groundwater (from TOC)	ft btoc	3.19	4.11	3.37	5.83	4.98	5.96	5.16	4.84	3.92	4.82
Groundwater Elevation	ft MSL	846.21	845.29	846.03	845.08	845.93	844.95	845.75	845.18	846.10	845.20
Depth to Bottom of Well (from TOC)	ft btoc	44.55	44.55	44.55	15.31	15.31	15.31	15.31	31.94	31.94	31.94
Height of Water Column in Well	feet	41.36	40.44	41.18	9.48	10.33	9.35	10.15	27.1	28.02	27.12

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/9/2016	12/8/2014	5/4/2015	11/2/2015	5/9/2016	12/9/2014	5/4/2015	11/2/2015	5/9/2016	12/8/2014
Well Parameters	Units	MW-13D	MW-15S	MW-15S	MW-15S	MW-15S	MW-15D	MW-15D	MW-15D	MW-15D	MW-15B
Type		Pz	WT	WT	WT	WT	Pz	Pz	Pz	Pz	BR
Reference TOC Elevation	ft MSL	850.02	854.68	854.68	854.68	854.68	855.30	855.30	855.30	855.30	854.35
Screen Length	ft	5.	10.	10.	10.	10.	10.	10.	10.	10.	5.
Depth to Groundwater (from TOC)	ft btoc	4.2	9.32	7.96	9.39	8.11	9.91	8.9	9.99	9.4	10.46
Groundwater Elevation	ft MSL	845.82	845.36	846.72	845.29	846.57	845.39	846.40	845.31	845.90	843.89
Depth to Bottom of Well (from TOC)	ft btoc	31.94	16.17	16.17	16.17	16.17	39.19	39.19	39.19	39.19	57.06
Height of Water Column in Well	feet	27.74	6.85	8.21	6.78	8.06	29.28	30.29	29.2	29.79	46.6

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/4/2015	11/2/2015	5/9/2016	5/4/2015	11/2/2015	5/9/2016	12/9/2014	5/4/2015	11/2/2015	5/9/2016
Well Parameters	Units	MW-15B	MW-15B	MW-15B	MW-16S	MW-16S	MW-16S	MW-101S	MW-101S	MW-101S	MW-101S
Type		BR	BR	BR	WT	WT	WT	WT	WT	WT	WT
Reference TOC Elevation	ft MSL	854.35	854.35	854.35	847.90	847.90	847.90	851.24	851.24	851.24	851.24
Screen Length	ft	5.	5.	5.	10.	10.	10.	10.	10.	10.	10.
Depth to Groundwater (from TOC)	ft btoc	13.61	14.25	12.97	2.64	3.08	2.81	5.29	3.64	5.32	3.74
Groundwater Elevation	ft MSL	840.74	840.10	841.38	845.26	844.82	845.09	845.95	847.60	845.92	847.50
Depth to Bottom of Well (from TOC)	ft btoc	57.06	57.06	57.06	14.42	14.42	14.42	12.41	12.41	12.41	12.41
Height of Water Column in Well	feet	43.45	42.81	44.09	11.78	11.34	11.61	7.12	8.77	7.09	8.67

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		12/9/2014	5/4/2015	11/2/2015	5/9/2016	12/9/2014	5/4/2015	11/2/2015	5/9/2016	12/9/2014	5/4/2015
Well Parameters	Units	MW-101B	MW-101B	MW-101B	MW-101B	MW-102S	MW-102S	MW-102S	MW-102S	MW-102D	MW-102D
Type		BR	BR	BR	BR	WT	WT	WT	WT	Pz	Pz
Reference TOC Elevation	ft MSL	851.08	851.08	851.08	851.08	853.65	853.65	853.65	853.65	853.70	853.70
Screen Length	ft	5.	5.	5.	5.	10.	10.	10.	10.	5.	5.
Depth to Groundwater (from TOC)	ft btoc	5.46	4.33	5.52	4.6	7.41	7.05	8.58	7.14	8.39	7.32
Groundwater Elevation	ft MSL	845.62	846.75	845.56	846.48	846.24	846.60	845.07	846.51	845.31	846.38
Depth to Bottom of Well (from TOC)	ft btoc	48.75	48.75	48.75	48.75	15.56	15.56	15.56	15.56	48.36	48.36
Height of Water Column in Well	feet	43.29	44.42	43.23	44.15	8.15	8.51	6.98	8.42	39.97	41.04

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		11/2/2015	5/9/2016	12/8/2014	5/4/2015	11/4/2015	5/9/2016	12/17/2014	5/4/2015	11/2/2015	5/9/2016
Well Parameters	Units	MW-102D	MW-102D	MW-103S	MW-103S	MW-103S	MW-103S	MW-103D	MW-103D	MW-103D	MW-103D
Type		Pz	Pz	WT	WT	WT	WT	Pz	Pz	Pz	Pz
Reference TOC Elevation	ft MSL	853.70	853.70	851.84	851.84	851.84	851.84	851.97	851.97	851.97	851.97
Screen Length	ft	5.	5.	10.	10.	10.	10.	5.	5.	5.	5.
Depth to Groundwater (from TOC)	ft btoc	8.29	7.56	6.37	5.49	6.62	5.61	6.52	5.45	6.29	5.65
Groundwater Elevation	ft MSL	845.41	846.14	845.47	846.35	845.22	846.23	845.45	846.52	845.68	846.32
Depth to Bottom of Well (from TOC)	ft btoc	48.36	48.36	16.57	16.57	16.57	16.57	26.86	26.86	26.86	26.86
Height of Water Column in Well	feet	40.07	40.8	10.2	11.08	9.95	10.96	20.34	21.41	20.57	21.21

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/4/2015	11/2/2015	5/9/2016	5/4/2015	11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015	5/9/2016
Well Parameters	Units	MW-104S	MW-104S	MW-104S	MW-104D	MW-104D	MW-104D	MW-105S	MW-105S	MW-105S	MW-105S
Type		WT	WT	WT	Pz	Pz	Pz	WT	WT	WT	WT
Reference TOC Elevation	ft MSL	850.56	850.56	850.56	850.57	850.57	850.57	849.01	849.01	849.01	849.01
Screen Length	ft	10.	10.	10.	5.	5.	5.	10.	10.	10.	10.
Depth to Groundwater (from TOC)	ft btoc	4.19	4.59	4.27	4.06	4.7	4.46	4.03	3.38	3.82	3.5
Groundwater Elevation	ft MSL	846.37	845.97	846.29	846.51	845.87	846.11	844.98	845.63	845.19	845.51
Depth to Bottom of Well (from TOC)	ft btoc	14.53	14.53	14.53	27.64	27.64	27.64	15.58	15.58	15.58	15.58
Height of Water Column in Well	feet	10.34	9.94	10.26	23.58	22.94	23.18	11.55	12.2	11.76	12.08

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		12/10/2014	5/4/2015	11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015	5/9/2016	5/4/2015
Well Parameters	Units	MW-105D	MW-105D	MW-105D	MW-105D	MW-105B	MW-105B	MW-105B	MW-105B	MW-106S
Type		Pz	Pz	Pz	Pz	BR	BR	BR	BR	WT
Reference TOC Elevation	ft MSL	848.90	848.90	848.90	848.90	848.90	848.90	848.90	848.90	848.92
Screen Length	ft	5.	5.	5.	5.	5.	5.	5.	5.	10.
Depth to Groundwater (from TOC)	ft btoc	3.52	2.8	3.6	2.95	2.82	2.74	3.84	2.91	3.81
Groundwater Elevation	ft MSL	845.38	846.10	845.30	845.95	846.08	846.16	845.06	845.99	845.11
Depth to Bottom of Well (from TOC)	ft btoc	29.61	29.61	29.61	29.61	47.13	47.13	47.13	47.13	17.31
Height of Water Column in Well	feet	26.09	26.81	26.01	26.66	44.31	44.39	43.29	44.22	13.5

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		11/2/2015	5/9/2016	5/4/2015	11/2/2015	5/9/2016	12/10/2014	5/4/2015	11/2/2015	5/9/2016	12/11/2014
Well Parameters	Units	MW-106S	MW-106S	MW-106D	MW-106D	MW-106D	TW-202I	TW-202I	TW-202I	TW-202I	OW-6
Type		WT	WT	Pz	Pz	Pz	Pz	Pz	Pz	Pz	BR
Reference TOC Elevation	ft MSL	848.92	848.92	849.01	849.01	849.01	851.13	851.13	851.13	851.13	851.99
Screen Length	ft	10.	10.	5.	5.	5.	5.	5.	5.	5.	5.
Depth to Groundwater (from TOC)	ft btoc	4.41	4.19	2.85	3.71	3.12	5.95	4.72	5.8	4.82	6.34
Groundwater Elevation	ft MSL	844.51	844.73	846.16	845.30	845.89	845.18	846.41	845.33	846.31	845.65
Depth to Bottom of Well (from TOC)	ft btoc	17.31	17.31	56.72	56.72	56.72	20.98	20.98	20.98	20.98	50.56
Height of Water Column in Well	feet	12.9	13.12	53.87	53.01	53.6	15.03	16.26	15.18	16.16	44.22

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 1. Water Level Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Date Measured		5/4/2015	11/2/2015	5/9/2016	12/15/2014	5/4/2015	11/2/2015	5/9/2016
Well Parameters	Units	OW-6	OW-6	OW-6	MW-14DR	MW-14DR	MW-14DR	MW-14DR
Type		BR	BR	BR	Pz	Pz	Pz	Pz
Reference TOC Elevation	ft MSL	851.99	851.99	851.99	851.00	851.00	851.00	851.00
Screen Length	ft	5.	5.	5.	10.	10.	10.	10.
Depth to Groundwater (from TOC)	ft btoc	5.27	6.69	5.32	5.51	3.58	5.23	4.18
Groundwater Elevation	ft MSL	846.72	845.30	846.67	845.49	847.42	845.77	846.82
Depth to Bottom of Well (from TOC)	ft btoc	50.56	50.56	50.56	31.74	31.74	31.74	31.74
Height of Water Column in Well	feet	45.29	43.87	45.24	26.23	28.16	26.51	27.56

Notes:

ft MSL = feet above mean sea level

ft = feet

ft btoc = feet below top of well casing

WT = Water Table monitoring well.

Pz = Unconsolidated deposits monitoring well.

BR = Bedrock monitoring well.

Table 2. Vertical Gradient Calculations, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Well Nests

Vertical Gradient Calculations													
Well ID	Ground Surface Elev. (ft MSL)	Top of Casing Elev. (ft MSL)	Screen Length (ft)	Top of Screen Elev. (ft MSL)	Bottom of Screen Elev. (ft MSL)	Date	Depth to GW (ft btoc)	GW Elev. (ft MSL)	Gradient + :Down, - :Up	Date	Depth to GW (ft btoc)	GW Elev. (ft MSL)	Gradient + :Down, - :Up
MW-1S	851.75	853.42	10.0	845.95	835.95	12/10/2014	6.68	846.74		5/4/2015	5.39	848.03	
MW-1D	851.68	853.14	10.0	809.58	799.58	12/10/2014	7.07	846.07	0.0159	5/4/2015	5.32	847.82	0.0048
MW-4S	852.06	854.58	10.0	847.26	837.26	12/11/2014	8.37	846.21		5/4/2015	6.62	847.96	
MW-4D	852.08	854.63	10.0	812.18	802.18					5/4/2015	7.41	847.22	0.0181
MW-12S	846.73	849.17	10.0	843.73	833.73	12/11/2014	4.24	844.93		5/4/2015	3.79	845.38	
MW-12D	846.52	848.31	5.0	828.52	823.52	12/11/2014	2.96	845.35	-0.0222	5/4/2015	2.19	846.12	-0.0382
MW-12B	847.01	849.40	5.0	811.01	806.01	12/11/2014	4.15	845.25	0.0057	5/4/2015	3.19	846.21	-0.0051
MW-13S	847.67	850.91	10.0	844.67	834.67	12/11/2014	5.83	845.08		5/4/2015	4.98	845.93	
MW-13D	847.40	850.02	5.0	823.40	818.40	12/11/2014	4.84	845.18	-0.0041	5/4/2015	3.92	846.10	-0.0068
MW-15S	855.10	854.68	10.0	848.60	838.60	12/8/2014	9.32	845.36		5/4/2015	7.96	846.72	
MW-15D	855.53	855.30	10.0	823.53	813.53	12/9/2014	9.91	845.39	-0.0011	5/4/2015	8.90	846.40	0.0114
MW-15B	854.80	854.35	5.0	802.30	797.30	12/8/2014	10.46	843.89	0.0801	5/4/2015	13.61	840.74	0.3022
MW-101S	851.60	851.24	10.0	848.60	838.60	12/15/2014	5.31	845.93		5/4/2015	3.64	847.60	
MW-101B	851.50	851.08	5.0	807.50	802.50	12/9/2014	5.46	845.62	0.0076	5/4/2015	4.33	846.75	0.0200
MW-102S	854.20	853.65	10.0	848.20	838.20	12/9/2014	7.41	846.24		5/4/2015	7.05	846.60	
MW-102D	854.20	853.70	5.0	810.20	805.20	12/9/2014	8.39	845.31	0.0241	5/4/2015	7.32	846.38	0.0057
MW-103S	849.40	851.84	10.0	845.40	835.40	12/8/2014	6.32	845.52		5/4/2015	5.49	846.35	
MW-103D	849.30	851.97	5.0	830.30	825.30	12/8/2014	6.52	845.45	0.0040	5/4/2015	5.45	846.52	-0.0092
MW-104S	850.90	850.56	10.0	845.90	835.90					5/4/2015	4.19	846.37	
MW-104D	850.90	850.57	5.0	827.90	822.90					5/4/2015	4.06	846.51	-0.0067
MW-105S	846.40	849.01	10.0	843.40	833.40	12/10/2014	4.03	844.98		5/4/2015	3.38	845.63	
MW-105D	846.30	848.90	5.0	824.30	819.30	12/10/2014	3.52	845.38	-0.0173	5/4/2015	2.80	846.10	-0.0197
MW-105B	846.10	848.90	5.0	807.10	802.10	12/10/2014	2.82	846.08	-0.0407	5/4/2015	2.74	846.16	-0.0035
MW-106S	846.30	848.92	10.0	841.30	831.30					5/4/2015	3.81	845.11	
MW-106D	846.30	849.01	5.0	797.30	792.30					5/4/2015	2.85	846.16	-0.0209

Notes: ft = feet
ft MSL = feet above Mean Sea Level
ft bgs = feet below ground surface
ft btoc = feet below top of well casing

Table 2. Vertical Gradient Calculations, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Well Nests

						Vertical Gradient Calculations							
Well ID	Ground Surface Elev. (ft MSL)	Top of Casing Elev. (ft MSL)	Screen Length (ft)	Top of Screen Elev. (ft MSL)	Bottom of Screen Elev. (ft MSL)	Date	Depth to GW (ft btoc)	GW Elev. (ft MSL)	Gradient + :Down, - :Up	Date	Depth to GW (ft btoc)	GW Elev. (ft MSL)	Gradient + :Down, - :Up
MW-1S	851.75	853.42	10.0	845.95	835.95	11/2/2015	6.57	846.85		5/9/2016	5.57	847.85	
MW-1D	851.68	853.14	10.0	809.58	799.58	11/2/2015	6.94	846.20	0.0154	5/9/2016	5.07	848.07	-0.0051
MW-4S	852.06	854.58	10.0	847.26	837.26	11/2/2015	8.28	846.30		5/9/2016	6.71	847.87	
MW-4D	852.08	854.63	10.0	812.18	802.18	11/2/2015	8.74	845.89	0.0105	5/9/2016	7.37	847.26	0.0150
MW-12S	846.73	849.17	10.0	843.73	833.73	11/2/2015	4.34	844.83		5/9/2016	4.00	845.17	
MW-12D	846.52	848.31	5.0	828.52	823.52	11/2/2015	4.06	844.25	0.0308	5/9/2016	2.44	845.87	-0.0366
MW-12B	847.01	849.40	5.0	811.01	806.01	11/2/2015	4.11	845.29	-0.0594	5/9/2016	3.37	846.03	-0.0091
MW-13S	847.67	850.91	10.0	844.67	834.67	11/2/2015	5.96	844.95		5/9/2016	5.16	845.75	
MW-13D	847.40	850.02	5.0	823.40	818.40	11/2/2015	4.82	845.20	-0.0104	5/9/2016	4.20	845.82	-0.0028
MW-15S	855.10	854.68	10.0	848.60	838.60	11/2/2015	9.39	845.29		5/9/2016	8.11	846.57	
MW-15D	855.53	855.30	10.0	823.53	813.53	11/2/2015	9.99	845.31	-0.0007	5/9/2016	9.40	845.90	0.0239
MW-15B	854.80	854.35	5.0	802.30	797.30	11/2/2015	14.25	840.10	0.2782	5/9/2016	12.97	841.38	0.2413
MW-101S	851.60	851.24	10.0	848.60	838.60	11/2/2015	5.32	845.92		5/9/2016	3.74	847.50	
MW-101B	851.50	851.08	5.0	807.50	802.50	11/2/2015	5.52	845.56	0.0088	5/9/2016	4.60	846.48	0.0240
MW-102S	854.20	853.65	10.0	848.20	838.20	11/2/2015	8.58	845.07		5/9/2016	7.14	846.51	
MW-102D	854.20	853.70	5.0	810.20	805.20	11/2/2015	8.29	845.41	-0.0091	5/9/2016	7.56	846.14	0.0095
MW-103S	849.40	851.84	10.0	845.40	835.40	11/2/2015	6.62	845.22		5/9/2016	5.61	846.23	
MW-103D	849.30	851.97	5.0	830.30	825.30	11/2/2015	6.29	845.68	-0.0264	5/9/2016	5.65	846.32	-0.0049
MW-104S	850.90	850.56	10.0	845.90	835.90	11/2/2015	4.59	845.97		5/9/2016	4.27	846.29	
MW-104D	850.90	850.57	5.0	827.90	822.90	11/2/2015	4.70	845.87	0.0049	5/9/2016	4.46	846.11	0.0086
MW-105S	846.40	849.01	10.0	843.40	833.40	11/2/2015	3.82	845.19		5/9/2016	3.50	845.51	
MW-105D	846.30	848.90	5.0	824.30	819.30	11/2/2015	3.60	845.30	-0.0047	5/9/2016	2.95	845.95	-0.0186
MW-105B	846.10	848.90	5.0	807.10	802.10	11/2/2015	3.84	845.06	0.0140	5/9/2016	2.91	845.99	-0.0023
MW-106S	846.30	848.92	10.0	841.30	831.30	11/2/2015	4.41	844.51		5/9/2016	4.19	844.73	
MW-106D	846.30	849.01	5.0	797.30	792.30	11/2/2015	3.71	845.30	-0.0159	5/9/2016	3.12	845.89	-0.0232

Notes: ft = feet
ft MSL = feet above Mean Sea Level
ft bgs = feet below ground surface
ft btoc = feet below top of well casing

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			12/10/2014	5/5/2015	11/03/2015	5/10/2016	12/10/2014	5/5/2015
	Units	NR140 ES	NR140 PAL	MW-1S	MW-1S	MW-1S	MW-1S	MW-1D	MW-1D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	0.97	0.71	0.46	0.00	10.96	0.00
Oxidation Reduction Potential	millivolts	--	--	38	72	69	38	-155	-107
pH	pH-units	--	--	7.33	6.80	7.09	6.95	7.66	7.48
Specific Conductivity	umhos/cm	--	--	1020	1400	1380	1110	505	638
Temperature	deg-C	--	--	9.32	8.08	17.22	9.95	10.67	9.52
Turbidity	ntu	--	--	0.	10.2	0.	9.	0.	6.
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	340.	350.	380.	350.	350.	330.
Chloride (as Cl)	mg/L	250.	125.	240.	190.	230.	160.	7.8	5.9
Iron, total (unfiltered)	mg/L	--	--	0.473	0.183	<0.02 U	2.32	3.14	2.15 M
Iron, dissolved (filtered)	mg/L	0.3	0.15	<0.010 U	0.0673	0.406	0.406	3.07	1.76
Manganese, total (unfiltered)	µg/L	--	--	44.1	131.	76.7 Y,M	206.	18.2	18.7
Manganese, dissolved (filtered)	µg/L	50.	25.	16.4	129.	97.2	196.	20.7	21.6
Acetylene	µg/L	--	--	<0.23 U	<0.23 UM,Y	<0.23 U	<0.23 U	<0.23 UM	<0.23 U
Ethane	µg/L	--	--	<0.60 U	<0.60 UY	<0.9 U	<0.40 U	0.75 J	<0.60 U
Ethene	µg/L	--	--	<0.90 U	<0.90 U	<1.2 U	<0.50 U	<0.90 U	<0.90 U
Methane	µg/L	--	--	2.2	16 M	8.2	18.	1500 M	560.
Sulfate(as SO ₄)	mg/L	250.	125.	50.	50.	49.	53.	<1.0 U	<1.0 U
Total Organic Carbon	mg/L	--	--	1.4 J	1.2 J	1.7	1.8	<0.40 U	0.52 JY
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.030 U	<0.05 U	<0.050 U	<0.030 U	<0.030 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
1,1-Dichloroethane	µg/L	850.	85.	0.15	0.31	0.11 J	0.24	<0.024 U	<0.024 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.024 U	<0.07 U	<0.070 U	<0.024 U	<0.024 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.029 U	<0.04 U	<0.040 U	<0.029 U	<0.029 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.022 U	<0.06 U	<0.060 U	<0.022 U	<0.022 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.021 U	<0.021 U	<0.06 U	<0.060 U	<0.021 U	<0.021 U
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.029 U	<0.05 U	<0.050 U	<0.029 U	<0.029 U
Acetone	µg/L	9000.	1800.	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U	<1.3 UZ	<1.3 UZ
Benzene	µg/L	5.	0.5	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	0.092
Bromobenzene	µg/L	--	--	<0.030 U	<0.030 U	<0.04 U	<0.040 U	<0.030 U	<0.030 U
Chlorobenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U
Chloroethane	µg/L	400.	80.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U
Chloromethane	µg/L	30.	3.	<0.040 UB	<0.040 U	<0.05 U	<0.050 U	0.088 JB	<0.040 U
cis-1,2-Dichloroethene	µg/L	70.	7.	<0.030 U	0.062 J	<0.06 U	0.11 J	<0.030 U	<0.030 U
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.021 U	<0.04 U	<0.040 U	<0.021 U	<0.021 U
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.019 U	<0.06 U	<0.060 U	0.091	0.037 J
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.070 U	<0.07 U	<0.070 U	<0.070 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.060 U	<0.05 U	<0.050 U	0.13 J	<0.060 U
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.050 U	<0.12 U	<0.12 U	0.11 J	0.067 J
Methyl tert-butyl ether	µg/L	60.	12.	<0.040 U	<0.040 U	<0.04 U	<0.040 U	<0.040 U	<0.040 U
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.15 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U
Naphthalene	µg/L	100.	10.	<0.040 U	<0.040 U	<0.05 U	<0.050 U	0.066 J	0.055 J
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.021 U	<0.05 U	<0.050 U	<0.021 U	<0.021 U
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.022 U	<0.05 U	<0.050 U	<0.022 U	<0.022 U
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.027 U	<0.05 U	<0.050 U	0.033 J	0.029 J
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U
Styrene	µg/L	100.	10.	<0.020 U	<0.020 U	<0.05 U	<0.050 U	0.19	0.092
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
Tetrachloroethene	µg/L	5.	0.05	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
Tetrahydrofuran	µg/L	50.	10.	<0.70 U	<0.70 U	<0.6 U	0.74 JB,Z	<0.70 U	<0.70 U
Toluene	µg/L	800.	160.	<0.027 U	<0.027 U	<0.06 U	<0.060 U	0.051 J	0.04 J
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U
Trichloroethene	µg/L	5.	0.5	0.021 J	0.05 J	<0.03 U	0.061 J	<0.020 U	<0.020 U
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	<0.019 U	<0.016 U	<0.016 U	0.12	0.076

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/03/2015	5/10/2016	12/11/2014	5/6/2015	11/04/2015	5/18/2016
	Units	NR140 ES	NR140 PAL	MW-1D	MW-1D	MW-2D	MW-2D	MW-2D	MW-2D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	1.26	0.27	0.17	7.22	0.46	0.00
Oxidation Reduction Potential	millivolts	--	--	-133	-74	-100	68	-111	25
pH	pH-units	--	--	8.33	7.42	7.39	7.36	7.80	7.03
Specific Conductivity	umhos/cm	--	--	531	613	1050	960	782	1020
Temperature	deg-C	--	--	15.81	11.39	8.29	11.13	21.16	12.13
Turbidity	ntu	--	--	0.	1.6	0.	0.6	2.8	0.
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	370.	370.	380.	350.	380.	390.
Chloride (as Cl)	mg/L	250.	125.	5.8	5.6	360.	180.	180.	200.
Iron, total (unfiltered)	mg/L	--	--	3.14	1.67	2.81	0.243	2.6	0.423
Iron, dissolved (filtered)	mg/L	0.3	0.15	2.88	1.47	2.31	0.0235 J	2.52	0.34
Manganese, total (unfiltered)	µg/L	--	--	18.2	13.8	21.9	6.1	28.2	19.3
Manganese, dissolved (filtered)	µg/L	50.	25.	22.8	14.9	23.5	5.4	22.8	15.8
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	<0.60 U	<0.9 U	<0.40 U
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	<1.2 U	<0.50 U
Methane	µg/L	--	--	1900.	770.	180.	2.6	120.	68.
Sulfate(as SO ₄)	mg/L	250.	125.	<1 U	0.55 J	48.	44.	40.	45.
Total Organic Carbon	mg/L	--	--	0.46 J	1.2 J	2.1	0.61 J	1.1 J	2.8 Y
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.050 U	<0.030 U	<0.030 U	<0.05 U	<0.050 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.060 U	0.24	0.18	0.22	0.13 J
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.070 U	<0.024 U	<0.024 U	<0.07 U	<0.070 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.040 U	<0.029 U	<0.029 U	<0.04 U	<0.040 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.060 U	<0.022 U	<0.022 U	<0.06 U	<0.060 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.060 U	0.12	<0.021 U	<0.06 U	<0.060 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.050 U	<0.029 U	<0.029 U	<0.05 U	<0.050 U
Acetone	µg/L	9000.	1800.	<0.9 U	<0.90 U	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U
Benzene	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.030 U	<0.030 U	<0.04 U	<0.040 U
Chlorobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
Chloroethane	µg/L	400.	80.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	<0.06 U	<0.060 U
Chloromethane	µg/L	30.	3.	<0.05 U	<0.050 U	0.099 JB	<0.040 U	<0.05 U	0.13 J
cis-1,2-Dichloroethene	µg/L	70.	7.	<0.06 U	<0.060 U	0.43	0.13	0.44	0.24
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.040 U	<0.021 U	<0.021 U	<0.04 U	<0.040 U
Ethylbenzene	µg/L	700.	140.	0.067 J	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.070 U	<0.070 U	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	0.071 J	0.050 J	<0.060 U	<0.060 U	<0.05 U	<0.050 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.12 U	<0.050 U	<0.050 U	<0.12 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.04 U	<0.040 U	0.087 J	<0.040 U	0.084 J	0.095 J
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.06 U	<0.060 U
Naphthalene	µg/L	100.	10.	0.065 J	<0.050 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.021 U	<0.021 U	<0.05 U	<0.050 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.022 U	<0.022 U	<0.05 U	<0.050 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.050 U	<0.027 U	<0.027 U	<0.05 U	<0.050 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
Styrene	µg/L	100.	10.	0.19	0.089 J	<0.020 U	<0.020 U	<0.05 U	<0.050 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
Tetrahydrofuran	µg/L	50.	10.	<0.6 U	<0.60 U	<0.70 U	<0.70 U	<0.6 U	0.98 JB
Toluene	µg/L	800.	160.	<0.06 U	<0.060 U	<0.027 U	<0.027 U	<0.06 U	<0.060 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.06 U	<0.060 U	0.044 J	<0.040 U	0.15 J	<0.060 U
Trichloroethene	µg/L	5.	0.5	<0.03 U	<0.030 U	0.056 J	0.022 J	0.05 J	<0.030 U
Vinyl chloride	µg/L	0.2	0.02	0.14	<0.016 U	0.12	<0.019 U	0.11	<0.016 U

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			12/10/2014	5/7/2015	11/04/2015	5/18/2016	12/11/2014	5/7/2015
	Units	NR140 ES	NR140 PAL	MW-3D	MW-3D	MW-3D	MW-3D	MW-4S	MW-4S
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	0.96	0.64	0.19	0.44	1.37	0.00
Oxidation Reduction Potential	millivolts	--	--	-101	-87	-101	54	85	97
pH	pH-units	--	--	7.76	6.65	7.62	7.08	7.01	6.58
Specific Conductivity	umhos/cm	--	--	951	930	861	970	4180	1730
Temperature	deg-C	--	--	8.31	12.42	13.78	11.98	8.54	10.07
Turbidity	ntu	--	--	0.	4.5	0.	0.	2.56	0.3
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	340.	320.	360.	360.	520.	740.
Chloride (as Cl)	mg/L	250.	125.	200.	200.	190.	190.	1000.	130.
Iron, total (unfiltered)	mg/L	--	--	1.7	1.39	0.712	0.437	0.236	0.142
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.789	1.07	0.805	0.471	0.0474	0.0633
Manganese, total (unfiltered)	µg/L	--	--	45.	28.4 Y	40.3	45.3	176.	39.6
Manganese, dissolved (filtered)	µg/L	50.	25.	29.7	26.5	36.4	37.7	193.	39.8
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.60 U	<0.60 U	<0.9 U	<0.40 U	<0.60 U	<0.60 U
Ethene	µg/L	--	--	<0.90 U	<0.90 U	<1.2 U	<0.50 U	<0.90 U	<0.90 U
Methane	µg/L	--	--	33.	15.	27.	32.	1.1	0.36 J
Sulfate(as SO ₄)	mg/L	250.	125.	44.	42.	41.	47.	99.	220.
Total Organic Carbon	mg/L	--	--	0.80 J	1.6	0.63 J	1.8	5.3	9.7
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.030 U	<0.05 U	<0.050 U	<0.030 U	<0.030 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
1,1-Dichloroethane	µg/L	850.	85.	<0.024 U	<0.024 U	<0.06 U	<0.060 U	<0.024 U	<0.024 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.024 U	<0.07 U	<0.070 U	<0.024 U	<0.024 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.029 U	<0.04 U	<0.040 U	<0.029 U	<0.029 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.022 U	<0.06 U	<0.060 U	<0.022 U	<0.022 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.021 U	<0.021 U	<0.06 U	<0.060 U	0.094	<0.021 U
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.029 U	<0.05 U	<0.050 U	<0.029 U	<0.029 U
Acetone	µg/L	9000.	1800.	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U	<1.3 UZ	<1.3 UZ
Benzene	µg/L	5.	0.5	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	<0.019 U
Bromobenzene	µg/L	--	--	<0.030 U	<0.030 U	<0.04 U	<0.040 U	<0.030 U	<0.030 U
Chlorobenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U
Chloroethane	µg/L	400.	80.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U
Chloromethane	µg/L	30.	3.	0.055 JB	<0.040 U	0.072 JB	0.14 J	0.089 JB	<0.040 U
cis-1,2-Dichloroethene	µg/L	70.	7.	0.13	0.19	0.18 J	0.35	<0.030 U	<0.030 U
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.021 U	<0.04 U	<0.040 U	<0.021 U	<0.021 U
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	<0.019 U
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.070 U	<0.07 U	<0.070 U	<0.070 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.060 U	<0.05 U	<0.050 U	<0.060 U	<0.060 U
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.050 U	<0.12 U	<0.12 U	<0.050 U	<0.050 U
Methyl tert-butyl ether	µg/L	60.	12.	0.27	0.21	0.35	0.38	<0.040 U	<0.040 U
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.15 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U
Naphthalene	µg/L	100.	10.	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.021 U	<0.05 U	<0.050 U	<0.021 U	<0.021 U
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.022 U	<0.05 U	<0.050 U	<0.022 U	<0.022 U
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.027 U	<0.05 U	<0.050 U	<0.027 U	<0.027 U
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U
Styrene	µg/L	100.	10.	<0.020 U	<0.020 U	<0.05 U	<0.050 U	<0.020 U	<0.020 U
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
Tetrachloroethene	µg/L	5.	0.05	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
Tetrahydrofuran	µg/L	50.	10.	<0.70 U	<0.70 U	<0.6 U	<0.60 U	<0.70 U	<0.70 U
Toluene	µg/L	800.	160.	<0.027 U	<0.027 U	<0.06 U	<0.060 U	<0.027 U	<0.027 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U
Trichloroethene	µg/L	5.	0.5	<0.020 U	<0.020 U	<0.03 U	<0.030 U	<0.020 U	<0.020 U
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	<0.019 U	<0.016 U	0.024 J	<0.019 U	<0.019 U

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/04/2015	5/10/2016	12/10/2014	5/5/2015	11/03/2015	5/11/2016
	Units	NR140 ES	NR140 PAL	MW-4S	MW-4S	MW-5D	MW-5D	MW-5D	MW-5D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	0.46	0.00	3.32	0.00	0.59	0.01
Oxidation Reduction Potential	millivolts	--	--	79	97	-78	-38	-65	-40
pH	pH-units	--	--	7.13	6.90	7.60	7.32	7.45	7.13
Specific Conductivity	umhos/cm	--	--	1920	1580	999	1240	895	1090
Temperature	deg-C	--	--	18.02	9.41	7.83	9.22	18.15	13.76
Turbidity	ntu	--	--	0.	32.6	0.	23.7	9.4	25.1
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	580.	740.	390.	370.	400.	400.
Chloride (as Cl)	mg/L	250.	125.	400.	42.	180.	160.	140.	150.
Iron, total (unfiltered)	mg/L	--	--	0.361	0.556	1.61	1.53	1.6	2.05
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.0178 J	0.501	1.51	0.989	1.69	0.865
Manganese, total (unfiltered)	µg/L	--	--	73.5	97.2	68.7	137.	61.9	116.
Manganese, dissolved (filtered)	µg/L	50.	25.	58.3	111.	67.7	68.	65.7	116.
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	<0.60 U	<0.9 U	<0.40 U
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	<1.2 U	0.55 J
Methane	µg/L	--	--	0.53 J	20.	41.	26.	44.	44.
Sulfate(as SO ₄)	mg/L	250.	125.	97.	100.	57.	51.	50.	52.
Total Organic Carbon	mg/L	--	--	3.6	10.	0.95 J	1.3 J	0.65 J	2.6
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.050 U	<0.15 U	<0.15 U	<0.25 U	<0.25 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.3 U	<0.30 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.060 U	6.1	6.8	4.4	7.6
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.070 U	0.51	0.69	0.35 J	0.74 J
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.20 U	<0.20 U	<0.25 U	<0.25 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.040 U	<0.15 U	<0.15 U	<0.2 U	<0.20 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.050 U	<0.12 U	<0.12 U	<0.25 U	<0.25 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.060 U	<0.13 U	<0.13 U	<0.3 U	<0.30 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.04 U	<0.040 U	0.91	0.56	1.3	0.53 J
1,2-Dichloropropane	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.3 U	<0.30 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.060 U	<0.11 U	<0.11 U	<0.3 U	<0.30 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.060 U	<0.11 U	<0.11 U	<0.3 U	<0.30 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.13 U	<0.13 U	<0.3 U	<0.30 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.050 U	<0.15 U	<0.15 U	<0.25 U	<0.25 U
Acetone	µg/L	9000.	1800.	<0.9 U	<0.90 U	<6.5 UZ	<6.5 UZ	<4.5 U	98 B
Benzene	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.095 U	<0.095 U	<0.3 U	<0.30 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.15 U	<0.15 U	<0.2 U	<0.20 U
Chlorobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.12 U	<0.12 U	<0.2 U	<0.20 U
Chloroethane	µg/L	400.	80.	<0.06 U	<0.060 U	<0.20 U	<0.20 U	<0.3 U	<0.30 U
Chloromethane	µg/L	30.	3.	0.058 J	<0.050 U	<0.20 U	<0.20 U	<0.25 U	<0.25 U
cis-1,2-Dichloroethene	µg/L	70.	7.	<0.06 U	<0.060 U	72.	73.	51.	76.
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.040 U	<0.11 U	<0.11 U	<0.2 U	<0.20 U
Ethylbenzene	µg/L	700.	140.	<0.06 U	<0.060 U	<0.095 U	<0.095 U	<0.3 U	<0.30 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.070 U	<0.35 U	<0.35 U	<0.35 U	<0.35 U
Isopropylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.30 U	<0.30 U	<0.25 U	<0.25 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.12 U	<0.25 U	<0.25 U	<0.6 U	<0.60 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.04 U	<0.040 U	<0.20 U	<0.20 U	0.21 J	0.27 J
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.060 U	4.2	<0.75 U	<0.3 U	1.5
Naphthalene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.20 U	<0.20 U	<0.25 U	<0.25 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.11 U	<0.11 U	<0.25 U	<0.25 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.11 U	<0.11 U	<0.25 U	<0.25 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.050 U	<0.14 U	<0.14 U	<0.25 U	<0.25 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.3 U	<0.30 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.12 U	<0.12 U	<0.25 U	<0.25 U
Styrene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.10 U	<0.10 U	<0.25 U	<0.25 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.060 U	<0.13 U	<0.13 U	<0.3 U	<0.30 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.3 U	<0.30 U
Tetrahydrofuran	µg/L	50.	10.	<0.6 U	0.66 JB,Z	<3.5 U	<3.5 U	<3 U	<3.0 U
Toluene	µg/L	800.	160.	<0.06 U	<0.060 U	<0.14 U	<0.14 U	<0.3 U	<0.30 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.06 U	<0.060 U	7.	9.	5.1	9.4
Trichloroethene	µg/L	5.	0.5	<0.03 U	<0.030 U	32.	50.	15.	54.
Vinyl chloride	µg/L	0.2	0.02	<0.016 U	<0.016 U	3.2	4.3	2.3	4.7

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled				12/10/2014	5/5/2015	11/03/2015	5/11/2016	12/11/2014	5/6/2015
	Units	NR140 ES	NR140 PAL	MW-9S	MW-9S	MW-9S	MW-9S	MW-12S	MW-12S	
Field Parameters										
Dissolved Oxygen (DO)	mg/L	--	--	0.79	0.00	0.43	0.00	8.69	0.00	
Oxidation Reduction Potential	millivolts	--	--	14	-48	-37	-35	-50	16	
pH	pH-units	--	--	7.75	7.20	7.41	7.10	7.80	7.32	
Specific Conductivity	umhos/cm	--	--	1230	1870	1680	1490	1070	1050	
Temperature	deg-C	--	--	10.08	8.63	17.35	15.13	6.75	7.11	
Turbidity	ntu	--	--	0.	12.4	0.	13.6	42.7	18.2	
Natural Attenuation Parameters										
Alkalinity, total (as CaCO ₃)	mg/L	--	--	330.	300.	340.	350.	370.	350.	
Chloride (as Cl)	mg/L	250.	125.	380.	360.	340.	310.	220.	210.	
Iron, total (unfiltered)	mg/L	--	--	0.635	2.	0.495	2.94	0.49	0.266	
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.221	1.	0.59	0.877	0.077	<0.010 U	
Manganese, total (unfiltered)	µg/L	--	--	57.1	80.5	73.7	73.5	127.	132.	
Manganese, dissolved (filtered)	µg/L	50.	25.	79.1	88.4	82.2	70.6	115.	117.	
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	
Ethane	µg/L	--	--	<0.60 U	<0.60 U	<0.9 U	<0.40 U	<0.60 U	<0.60 U	
Ethene	µg/L	--	--	<0.90 U	<0.90 U	<1.2 U	<0.50 U	<0.90 U	<0.90 U	
Methane	µg/L	--	--	4.3	5.5	6.3	21.	11.	9.4	
Sulfate(as SO ₄)	mg/L	250.	125.	64.	57.	56.	59.	55.	54.	
Total Organic Carbon	mg/L	--	--	1.4 J	1.6	1.2 J	2.8	2.5	1.8	
VOCs										
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.030 U	<0.05 U	<0.050 U	<0.15 U	<0.15 U	
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.030 U	<0.06 U	<0.060 U	51.	41.	
1,1-Dichloroethane	µg/L	850.	85.	0.19	0.17	0.2	0.16 J	14.	18.	
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.024 U	<0.07 U	<0.070 U	5.7	7.2	
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.20 U	<0.20 U	
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.029 U	<0.04 U	<0.040 U	<0.15 U	<0.15 U	
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.12 U	<0.12 U	
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.13 U	<0.13 U	
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.12 U	<0.12 U	
1,2-Dichloropropane	µg/L	5.	0.5	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U	
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.022 U	<0.06 U	<0.060 U	<0.11 U	<0.11 U	
1,3-Dichlorobenzene	µg/L	600.	120.	<0.021 U	<0.021 U	<0.06 U	<0.060 U	<0.11 U	<0.11 U	
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.13 U	<0.13 U	
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.029 U	<0.05 U	<0.050 U	<0.15 U	<0.15 U	
Acetone	µg/L	9000.	1800.	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U	<6.5 UZ	<6.5 UZ	
Benzene	µg/L	5.	0.5	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.095 U	<0.095 U	
Bromobenzene	µg/L	--	--	<0.030 U	<0.030 U	<0.04 U	<0.040 U	<0.15 U	<0.15 U	
Chlorobenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.12 U	<0.12 U	
Chloroethane	µg/L	400.	80.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.20 U	<0.20 U	
Chloromethane	µg/L	30.	3.	0.1 JB	<0.040 U	<0.05 U	<0.050 U	<0.20 U	<0.20 U	
cis-1,2-Dichloroethene	µg/L	70.	7.	<0.030 U	<0.030 U	<0.06 U	<0.060 U	49.	16.	
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.021 U	<0.04 U	<0.040 U	<0.11 U	<0.11 U	
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.095 U	<0.095 U	
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.070 U	<0.07 U	<0.070 U	<0.35 U	<0.35 U	
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.060 U	<0.05 U	<0.050 U	<0.30 U	<0.30 U	
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.050 U	<0.12 U	<0.12 U	<0.25 U	<0.25 U	
Methyl tert-butyl ether	µg/L	60.	12.	<0.040 U	<0.040 U	<0.04 U	<0.040 U	<0.20 U	<0.20 U	
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.15 U	<0.06 U	<0.060 U	1.3 J	<0.75 U	
Naphthalene	µg/L	100.	10.	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.20 U	<0.20 U	
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.021 U	<0.05 U	<0.050 U	<0.11 U	<0.11 U	
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.022 U	<0.05 U	<0.050 U	<0.11 U	<0.11 U	
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.027 U	<0.05 U	<0.050 U	<0.14 U	<0.14 U	
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U	
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.12 U	<0.12 U	
Styrene	µg/L	100.	10.	<0.020 U	<0.020 U	<0.05 U	<0.050 U	<0.10 U	<0.10 U	
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.13 U	<0.13 U	
Tetrachloroethene	µg/L	5.	0.05	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U	
Tetrahydrofuran	µg/L	50.	10.	<0.70 UY	<0.70 U	<0.6 U	<0.60 U	<3.5 U	<3.5 U	
Toluene	µg/L	800.	160.	<0.027 U	<0.027 U	<0.06 U	<0.060 U	<0.14 U	<0.14 U	
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	9.5	10.	
Trichloroethene	µg/L	5.	0.5	0.15	0.18	0.24	0.18	39.	72.	
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	<0.019 U	<0.016 U	<0.016 U	1.7	0.39	

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/05/2015	5/11/2016	12/11/2014	5/6/2015	11/05/2015	5/11/2016
	Units	NR140 ES	NR140 PAL	MW-12S	MW-12S	MW-12D	MW-12D	MW-12D	MW-12D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	1.12	0.00	6.46	0.00	4.79	0.00
Oxidation Reduction Potential	millivolts	--	--	-21	30	-82	-70	-88	49
pH	pH-units	--	--	6.99	7.14	7.53	7.31	7.00	7.26
Specific Conductivity	umhos/cm	--	--	920	1230	1200	1060	974	1190
Temperature	deg-C	--	--	14.00	12.03	7.90	8.68	15.02	16.52
Turbidity	ntu	--	--	36.3	12.	0.	1.4	2.2	0.3
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	380.	380.	390.	370.	410.	400.
Chloride (as Cl)	mg/L	250.	125.	180.	220.	260 M	210.	200.	220.
Iron, total (unfiltered)	mg/L	--	--	1.19	0.172	1.26	0.967	1.35	0.906
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.109	<0.010 U	0.969	0.843	1.13	0.873
Manganese, total (unfiltered)	µg/L	--	--	165.	117.	29.7	31.9	39.	29.5
Manganese, dissolved (filtered)	µg/L	50.	25.	132.	104.	33.1	29.9	32.7	29.1
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.46 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	<1.2 U	<0.9 U	<0.40 U
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<1.8 U	<1.2 U	<0.50 U
Methane	µg/L	--	--	7.5	18.	36.	27.	27.	32.
Sulfate(as SO ₄)	mg/L	250.	125.	51.	59.	67.	60.	59.	58.
Total Organic Carbon	mg/L	--	--	0.89 J	3.2	3.1	2.	1.7	3.
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.25 U	<0.25 U	<0.030 U	<0.030 U	<0.05 U	<0.050 U
1,1,1-Trichloroethane	µg/L	200.	40.	36.	29.	0.76	0.53	0.57	0.33
1,1-Dichloroethane	µg/L	850.	85.	6.6	12.	10.	7.4	9.2	5.8
1,1-Dichloroethene	µg/L	7.	0.7	3.	4.4	0.46	0.28	0.41	0.18 J
1,2,3-Trichlorobenzene	µg/L	--	--	<0.25 U	<0.25 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.2 U	<0.20 U	<0.029 U	<0.029 U	<0.04 U	<0.040 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.25 U	<0.25 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.3 U	<0.30 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.2 U	<0.20 U	0.061 J	0.052 J	0.062 J	<0.040 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.3 U	<0.30 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.3 U	<0.30 U	<0.022 U	<0.022 U	<0.06 U	<0.060 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.3 U	<0.30 U	0.084	0.038 J	<0.06 U	<0.060 U
2-Chlorotoluene	µg/L	--	--	<0.3 U	<0.30 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
4-Chlorotoluene	µg/L	--	--	<0.25 U	<0.25 U	<0.029 U	<0.029 U	<0.05 U	<0.050 U
Acetone	µg/L	9000.	1800.	<4.5 U	100 B	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U
Benzene	µg/L	5.	0.5	<0.3 U	<0.30 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Bromobenzene	µg/L	--	--	<0.2 U	<0.20 U	<0.030 U	<0.030 U	<0.04 U	<0.040 U
Chlorobenzene	µg/L	--	--	<0.2 U	<0.20 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
Chloroethane	µg/L	400.	80.	<0.3 U	<0.30 U	0.073 J	0.12 J	0.35	0.53
Chloromethane	µg/L	30.	3.	<0.25 U	<0.25 U	0.078 JB	<0.040 U	<0.05 U	<0.050 U
cis-1,2-Dichloroethene	µg/L	70.	7.	24.	22.	6.9	5.7	6.7	5.4
Diisopropyl ether	µg/L	--	--	<0.2 U	<0.20 U	<0.021 U	<0.021 U	<0.04 U	<0.040 U
Ethylbenzene	µg/L	700.	140.	<0.3 U	<0.30 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Hexachlorobutadiene	µg/L	--	--	<0.35 U	<0.35 U	<0.070 U	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.25 U	<0.25 U	<0.060 U	<0.060 U	<0.05 U	<0.050 U
m & p-Xylene	µg/L	2000.	400.	<0.6 U	<0.60 U	<0.050 U	<0.050 U	<0.12 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.2 U	<0.20 U	0.41	0.48	0.47	0.59
Methylene chloride	µg/L	5.	0.5	<0.3 U	1.4	<0.15 U	<0.15 U	<0.06 U	<0.060 U
Naphthalene	µg/L	100.	10.	<0.25 U	<0.25 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
n-Butylbenzene	µg/L	--	--	<0.25 U	<0.25 U	<0.021 U	<0.021 U	<0.05 U	<0.050 U
n-Propylbenzene	µg/L	--	--	<0.25 U	<0.25 U	<0.022 U	<0.022 U	<0.05 U	<0.050 U
o-Xylene	µg/L	2000.	400.	<0.25 U	<0.25 U	<0.027 U	<0.027 U	<0.05 U	<0.050 U
p-Isopropyltoluene	µg/L	--	--	<0.3 U	<0.30 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
sec-Butylbenzene	µg/L	--	--	<0.25 U	<0.25 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
Styrene	µg/L	100.	10.	<0.25 U	<0.25 U	<0.020 U	<0.020 U	<0.05 U	<0.050 U
tert-Butylbenzene	µg/L	--	--	<0.3 U	<0.30 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
Tetrachloroethene	µg/L	5.	0.05	<0.3 U	<0.30 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
Tetrahydrofuran	µg/L	50.	10.	<3.0 U	<3.0 U	<0.70 U	<0.70 U	<0.6 U	0.68 JB,Z
Toluene	µg/L	800.	160.	<0.3 U	<0.30 U	<0.027 U	<0.027 U	<0.06 U	<0.060 U
trans-1,2-Dichloroethene	µg/L	100.	20.	7.1	6.8	0.82	0.76	0.76	0.5
Trichloroethene	µg/L	5.	0.5	54.	48.	0.11	0.12	0.11	0.1
Vinyl chloride	µg/L	0.2	0.02	1.9	0.79	0.69	0.55	0.91	0.8

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled				12/11/2014	5/6/2015	11/05/2015	5/11/2016	12/11/2014	5/6/2015
	Units	NR140 ES	NR140 PAL	MW-12B	MW-12B	MW-12B	MW-12B	MW-13S	MW-13S	
Field Parameters										
Dissolved Oxygen (DO)	mg/L	--	--	0.40	2.03	0.22	0.93	10.09	5.81	
Oxidation Reduction Potential	millivolts	--	--	-153	51	-179	163	4	91	
pH	pH-units	--	--	8.58	8.54	7.79	8.39	7.61	7.52	
Specific Conductivity	umhos/cm	--	--	804	712	650	910	865	599	
Temperature	deg-C	--	--	7.55	10.02	16.61	12.46	5.48	10.34	
Turbidity	ntu	--	--	0.	0.	0.	0.	113.	11.3	
Natural Attenuation Parameters										
Alkalinity, total (as CaCO ₃)	mg/L	--	--	280.	270.	320.	310.	310.	260.	
Chloride (as Cl)	mg/L	250.	125.	150.	130.	130.	140.	170.	70.	
Iron, total (unfiltered)	mg/L	--	--	0.229	0.042 J	0.355	<0.020 U	2.74	0.688	
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.149	<0.010 U	0.32	<0.010 U	0.0768	<0.010 U	
Manganese, total (unfiltered)	µg/L	--	--	3.5 J	1.9 J	17.7	1.4 J	45.3	7.8	
Manganese, dissolved (filtered)	µg/L	50.	25.	6.5	<1.6 U	12.9	<1.6 U	13.9	7.8	
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	
Ethane	µg/L	--	--	<0.60 U	<0.60 U	<0.9 U	<0.40 U	<0.60 U	<0.60 U	
Ethene	µg/L	--	--	<0.90 U	<0.90 U	<1.2 U	<0.50 U	<0.90 U	<0.90 U	
Methane	µg/L	--	--	8.4	0.31 J	15.	3.	0.3 J	<0.30 U	
Sulfate(as SO ₄)	mg/L	250.	125.	31.	29.	29.	30.	18.	13.	
Total Organic Carbon	mg/L	--	--	0.86 J	0.47 J	<0.4 U	0.75 J	6.7	2.3	
VOCs										
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.030 U	<0.05 U	<0.050 U	<0.030 U	<0.030 U	
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.030 U	<0.06 U	<0.060 U	0.063 J	0.033 J	
1,1-Dichloroethane	µg/L	850.	85.	<0.024 U	<0.024 U	<0.06 U	<0.060 U	0.057 J	0.056 J	
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.024 U	<0.07 U	<0.070 U	<0.024 U	<0.024 U	
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U	
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.029 U	<0.04 U	<0.040 U	<0.029 U	<0.029 U	
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U	
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U	
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U	
1,2-Dichloropropane	µg/L	5.	0.5	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U	
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.022 U	<0.06 U	<0.060 U	<0.022 U	<0.022 U	
1,3-Dichlorobenzene	µg/L	600.	120.	0.12	0.038 J	<0.06 U	<0.060 U	0.14	0.03 J	
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U	
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.029 U	<0.05 U	<0.050 U	<0.029 U	<0.029 U	
Acetone	µg/L	9000.	1800.	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U	<1.3 UZ	<1.3 UZ	
Benzene	µg/L	5.	0.5	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	<0.019 U	
Bromobenzene	µg/L	--	--	<0.030 U	<0.030 U	<0.04 U	<0.040 U	<0.030 U	<0.030 U	
Chlorobenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U	
Chloroethane	µg/L	400.	80.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U	
Chloromethane	µg/L	30.	3.	0.1 JB	<0.040 U	<0.05 U	<0.050 U	0.082 JB	<0.040 U	
cis-1,2-Dichloroethene	µg/L	70.	7.	<0.030 U	<0.030 U	<0.06 U	<0.060 U	0.045 J	0.13	
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.021 U	<0.04 U	<0.040 U	<0.021 U	<0.021 U	
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	<0.019 U	
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.070 U	<0.07 U	<0.070 U	<0.070 U	<0.070 U	
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.060 U	<0.05 U	<0.050 U	<0.060 U	<0.060 U	
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.050 U	<0.12 U	<0.12 U	<0.050 U	<0.050 U	
Methyl tert-butyl ether	µg/L	60.	12.	<0.040 U	<0.040 U	<0.04 U	<0.040 U	<0.040 U	<0.040 U	
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.15 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U	
Naphthalene	µg/L	100.	10.	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U	
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.021 U	<0.05 U	<0.050 U	<0.021 U	<0.021 U	
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.022 U	<0.05 U	<0.050 U	<0.022 U	<0.022 U	
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.027 U	<0.05 U	<0.050 U	<0.027 U	<0.027 U	
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U	
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U	
Styrene	µg/L	100.	10.	<0.020 U	<0.020 U	<0.05 U	<0.050 U	<0.020 U	<0.020 U	
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U	
Tetrachloroethene	µg/L	5.	0.05	0.065 J	<0.030 U	<0.06 U	<0.060 U	0.035 J	0.032 J	
Tetrahydrofuran	µg/L	50.	10.	<0.70 U	<0.70 U	<0.6 U	<0.60 U	<0.70 U	<0.70 U	
Toluene	µg/L	800.	160.	<0.027 U	<0.027 U	<0.06 U	<0.060 U	<0.027 U	<0.027 U	
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U	
Trichloroethene	µg/L	5.	0.5	0.022 J	<0.020 U	<0.03 U	<0.030 U	0.11	0.037 J	
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	<0.019 U	<0.016 U	<0.016 U	<0.019 U	<0.019 U	

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/05/2015	5/13/2016	12/11/2014	5/6/2015	11/05/2015	5/13/2016
	Units	NR140 ES	NR140 PAL	MW-13S	MW-13S	MW-13D	MW-13D	MW-13D	MW-13D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	1.87	3.78	2.21	0.00	0.20	0.00
Oxidation Reduction Potential	millivolts	--	--	22	130	-72	-62	-74	-56
pH	pH-units	--	--	7.08	7.35	7.57	7.42	7.02	7.20
Specific Conductivity	umhos/cm	--	--	706	832	1070	967	908	1140
Temperature	deg-C	--	--	14.19	12.29	7.53	11.59	14.52	11.41
Turbidity	ntu	--	--	9.	30.2	0.	0.1	2.4	116.
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	320.	310.	350.	340.	380.	360.
Chloride (as Cl)	mg/L	250.	125.	140.	120.	230.	190.	180.	190.
Iron, total (unfiltered)	mg/L	--	--	0.734	2.	1.79	0.772	1.21	28.5
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.111	0.0982	0.898	0.67	0.801	0.814
Manganese, total (unfiltered)	µg/L	--	--	24.8	28.3	31.7	31.8	38.6	3.62
Manganese, dissolved (filtered)	µg/L	50.	25.	13.4	10.	31.9	27.	34.3	29.7
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	<0.60 U	<0.9 U	<0.40 U
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	<1.2 U	<0.50 U
Methane	µg/L	--	--	<0.4 U	<0.40 U	21.	18.	20.	28.
Sulfate(as SO ₄)	mg/L	250.	125.	16.	17.	64.	52.	50.	49.
Total Organic Carbon	mg/L	--	--	<0.4 U	2.9	9.5	2.	0.45 J	1.8
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.050 U	<0.030 U	<0.030 U	<0.05 U	<0.050 U
1,1,1-Trichloroethane	µg/L	200.	40.	0.1 J	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.060 U	<0.024 U	<0.024 U	<0.06 U	<0.060 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.070 U	<0.024 U	<0.024 U	<0.07 U	<0.070 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.040 U	<0.029 U	<0.029 U	<0.04 U	<0.040 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.060 U	<0.022 U	<0.022 U	<0.06 U	<0.060 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.060 U	0.14	<0.021 U	<0.06 U	<0.060 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.050 U	<0.029 U	<0.029 U	<0.05 U	<0.050 U
Acetone	µg/L	9000.	1800.	<0.9 U	<0.90 U	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U
Benzene	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.030 U	<0.030 U	<0.04 U	<0.040 U
Chlorobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
Chloroethane	µg/L	400.	80.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	<0.06 U	<0.060 U
Chloromethane	µg/L	30.	3.	<0.05 U	<0.050 U	0.087 JB	<0.040 U	<0.05 U	<0.050 U
cis-1,2-Dichloroethene	µg/L	70.	7.	0.16 J	<0.060 U	1.5	1.4	1.7	1.6
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.040 U	<0.021 U	<0.021 U	<0.04 U	<0.040 U
Ethylbenzene	µg/L	700.	140.	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.070 U	<0.070 U	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.060 U	<0.060 U	<0.05 U	<0.050 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.12 U	<0.050 U	<0.050 U	<0.12 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.04 U	<0.040 U	0.44	0.45	0.49	0.53
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.06 U	<0.060 U
Naphthalene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.021 U	<0.021 U	<0.05 U	<0.050 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.022 U	<0.022 U	<0.05 U	<0.050 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.050 U	<0.027 U	<0.027 U	<0.05 U	<0.050 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
Styrene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.020 U	<0.020 U	<0.05 U	<0.050 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
Tetrachloroethene	µg/L	5.	0.05	0.064 J	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
Tetrahydrofuran	µg/L	50.	10.	<0.6 U	<0.60 U	<0.70 U	<0.70 U	<0.6 U	<0.60 U
Toluene	µg/L	800.	160.	<0.06 U	<0.060 U	<0.027 U	<0.027 U	<0.06 U	<0.060 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.06 U	<0.060 U	0.055 J	0.07 J	<0.06 U	<0.060 U
Trichloroethene	µg/L	5.	0.5	0.13	0.051 J	0.032 J	0.022 J	0.045 J	<0.030 U
Vinyl chloride	µg/L	0.2	0.02	<0.016 U	<0.016 U	0.043 J	0.044 J	0.052	0.046 J

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			12/8/2014	5/7/2015	11/06/2015	5/13/2016	12/9/2014	5/7/2015
	Units	NR140 ES	NR140 PAL	MW-15S	MW-15S	MW-15S	MW-15S	MW-15D	MW-15D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	3.68	7.63	2.14	4.97	0.71	0.30
Oxidation Reduction Potential	millivolts	--	--	43	77	20	228	144	47
pH	pH-units	--	--	7.44	7.00	6.70	7.45	7.11	6.78
Specific Conductivity	umhos/cm	--	--	583	779	1490	826	987	995
Temperature	deg-C	--	--	10.17	11.35	13.10	15.77	10.61	12.95
Turbidity	ntu	--	--	0.	0.	0.	0.	0.	0.
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	300.	220.	340.	310.	350.	350.
Chloride (as Cl)	mg/L	250.	125.	96.	190.	130.	120.	220.	190.
Iron, total (unfiltered)	mg/L	--	--	<0.020 U	<0.020 U	0.062 J	<0.020 U	0.265	0.0481 J
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.0221 J	0.0206 J	<0.01 U	<0.010 U	0.014 J	0.0222 J
Manganese, total (unfiltered)	µg/L	--	--	8.7	4.7 J	20.7	10.4	269.	301.
Manganese, dissolved (filtered)	µg/L	50.	25.	19.3	<1.6 U	18.5	4.5 J	235.	311.
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.60 U	<0.60 U	<0.9 U	<0.40 U	<0.60 U	<0.60 U
Ethene	µg/L	--	--	<0.90 U	<0.90 U	<1.2 U	<0.50 U	<0.90 U	<0.90 U
Methane	µg/L	--	--	1.1	<0.30 U	<0.4 U	<0.40 U	2.9	2.1
Sulfate(as SO ₄)	mg/L	250.	125.	11.	9.5	17.	19.	43.	54.
Total Organic Carbon	mg/L	--	--	0.96 J	1.3 J	<0.4 U	2.5	1.5	2.2
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.030 U	<0.05 U	<0.050 U	<0.030 U	<0.030 U
1,1,1-Trichloroethane	µg/L	200.	40.	0.051 J	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
1,1-Dichloroethane	µg/L	850.	85.	0.11	<0.024 U	0.2	0.074 J	0.026 J	0.033 J
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.024 U	<0.07 U	<0.070 U	0.052 J	0.071 J
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.029 U	<0.04 U	<0.040 U	<0.029 U	<0.029 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.024 U	<0.04 U	<0.040 U	<0.024 U	<0.024 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.022 U	<0.06 U	<0.060 U	<0.022 U	<0.022 U
1,3-Dichlorobenzene	µg/L	600.	120.	0.11	<0.021 U	<0.06 U	<0.060 U	0.13	<0.021 U
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.029 U	<0.05 U	<0.050 U	<0.029 U	<0.029 U
Acetone	µg/L	9000.	1800.	<1.3 UZ	<1.3 UZ	<0.9 U	<0.90 U	<1.3 UZ	<1.3 UZ
Benzene	µg/L	5.	0.5	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	<0.019 U
Bromobenzene	µg/L	--	--	<0.030 U	<0.030 U	<0.04 U	<0.040 U	<0.030 U	<0.030 U
Chlorobenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.04 U	<0.040 U	0.25	0.25
Chloroethane	µg/L	400.	80.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	<0.040 U	<0.040 U
Chloromethane	µg/L	30.	3.	0.055 JB	<0.040 U	<0.05 U	<0.050 U	0.04 JB	<0.040 U
cis-1,2-Dichloroethene	µg/L	70.	7.	0.052 J	<0.030 U	<0.06 U	0.16 J	3.1	3.8
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.021 U	<0.04 U	<0.040 U	<0.021 U	<0.021 U
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.019 U	<0.06 U	<0.060 U	<0.019 U	<0.019 U
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.070 U	<0.07 U	<0.070 U	<0.070 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.060 U	<0.05 U	<0.050 U	<0.060 U	<0.060 U
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.050 U	<0.12 U	<0.12 U	<0.050 U	<0.050 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.040 U	<0.040 U	<0.04 U	<0.040 U	<0.040 U	<0.040 U
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.15 U	<0.06 U	<0.060 U	<0.15 U	<0.15 U
Naphthalene	µg/L	100.	10.	<0.040 U	<0.040 U	<0.05 U	<0.050 U	<0.040 U	<0.040 U
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.021 U	<0.05 U	<0.050 U	<0.021 U	<0.021 U
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.022 U	<0.05 U	<0.050 U	<0.022 U	<0.022 U
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.027 U	<0.05 U	<0.050 U	<0.027 U	<0.027 U
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.030 U	<0.06 U	<0.060 U	<0.030 U	<0.030 U
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.024 U	<0.05 U	<0.050 U	<0.024 U	<0.024 U
Styrene	µg/L	100.	10.	<0.020 U	<0.020 U	<0.05 U	<0.050 U	<0.020 U	<0.020 U
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.025 U	<0.06 U	<0.060 U	<0.025 U	<0.025 U
Tetrachloroethene	µg/L	5.	0.05	0.07 J	<0.030 U	0.075 J	<0.060 U	<0.030 U	<0.030 U
Tetrahydrofuran	µg/L	50.	10.	<0.70 U	<0.70 U	<0.6 U	<0.60 UB	<0.70 U	<0.70 U
Toluene	µg/L	800.	160.	<0.027 U	<0.027 U	<0.06 U	<0.060 U	<0.027 U	<0.027 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	<0.040 U	<0.06 U	<0.060 U	0.086 J	0.17
Trichloroethene	µg/L	5.	0.5	0.11	<0.020 U	0.051 J	0.098 J	9.	12.
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	<0.019 U	<0.016 U	<0.016 U	0.02 J	<0.019 U

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/06/2015	5/16/2016	12/8/2014	5/7/2015	11/06/2015	5/13/2016
	Units	NR140 ES	NR140 PAL	MW-15D	MW-15D	MW-15B	MW-15B	MW-15B	MW-15B
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	2.55	0.00	1.18	0.13	0.32	0.00
Oxidation Reduction Potential	millivolts	--	--	45	158	-131	-121	-128	-129
pH	pH-units	--	--	6.67	7.19	7.28	6.81	6.93	7.35
Specific Conductivity	umhos/cm	--	--	920	1140	508	586	552	709
Temperature	deg-C	--	--	12.35	15.91	9.17	13.62	12.28	13.52
Turbidity	ntu	--	--	1.6	0.3	48.	0.05	0.	1.3
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	340.	370.	410.	390.	420.	440
Chloride (as Cl)	mg/L	250.	125.	180.	45.	13.	9.2	8.6 M	2.3
Iron, total (unfiltered)	mg/L	--	--	0.0353 J	0.147	2.27	2.29	3.31	2.14
Iron, dissolved (filtered)	mg/L	0.3	0.15	<0.01 U	<0.010 U	2.07	2.25	2.45	2.33
Manganese, total (unfiltered)	µg/L	--	--	256.	226.	631.	516.	548.	410
Manganese, dissolved (filtered)	µg/L	50.	25.	251.	225.	550.	521.	539.	442
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	5.7	<0.9 U	0.93 J
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	<1.2 U	<0.50 U
Methane	µg/L	--	--	1.8	2.8	590.	720.	580.	920
Sulfate(as SO ₄)	mg/L	250.	125.	42.	210.	16.	8.9	6.	8.7
Total Organic Carbon	mg/L	--	--	0.68 J	2.9	0.68 J	1.2 J	<0.4 U	1.3 J
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.050 U	<0.030 U	<0.030 U	<0.05 U	<0.050 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.060 U	<0.024 U	<0.024 U	<0.06 U	<0.060 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.070 U	<0.024 U	<0.024 U	<0.07 U	<0.070 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.040 U	<0.029 U	<0.029 U	<0.04 U	<0.040 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.060 U	<0.022 U	<0.022 U	<0.06 U	<0.060 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.060 U	0.13	0.031 J	<0.06 U	<0.060 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.050 U	<0.029 U	<0.029 U	<0.05 U	<0.050 U
Acetone	µg/L	9000.	1800.	<0.9 U	<0.90 U	<1.3 UZ	<1.3 U	<0.9 U	<0.90 U
Benzene	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.030 U	<0.030 U	<0.04 U	<0.040 U
Chlorobenzene	µg/L	--	--	0.24	0.28	<0.024 U	<0.024 U	<0.04 U	<0.040 U
Chloroethane	µg/L	400.	80.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	<0.06 U	<0.060 U
Chloromethane	µg/L	30.	3.	0.077 J	<0.050 U	0.068 JB	<0.040 U	<0.05 U	<0.050 U
cis-1,2-Dichloroethene	µg/L	70.	7.	2.5	3.9	<0.030 U	<0.030 U	<0.06 U	<0.060 U
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.040 U	<0.021 U	<0.021 U	<0.04 U	<0.040 U
Ethylbenzene	µg/L	700.	140.	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.070 U	<0.070 U	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.060 U	<0.060 U	<0.05 U	<0.050 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.12 U	<0.050 U	<0.050 U	<0.12 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.04 U	0.043 J	<0.040 U	<0.040 U	<0.04 U	<0.040 U
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.06 U	<0.060 U
Naphthalene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.040 U	<0.040 U	<0.05 U	<0.050 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.021 U	<0.021 U	<0.05 U	<0.050 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.022 U	<0.022 U	<0.05 U	<0.050 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.050 U	<0.027 U	<0.027 U	<0.05 U	<0.050 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
Styrene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.020 U	<0.020 U	<0.05 U	<0.050 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
Tetrahydrofuran	µg/L	50.	10.	<0.6 U	<0.60 U	<0.70 U	<0.70 U	<0.6 U	<0.60 U
Toluene	µg/L	800.	160.	<0.06 U	<0.060 U	<0.027 U	<0.027 U	<0.06 U	<0.060 U
trans-1,2-Dichloroethene	µg/L	100.	20.	0.1 J	0.19 J	<0.040 U	<0.040 U	<0.06 U	<0.060 U
Trichloroethene	µg/L	5.	0.5	9.8	12.	<0.020 U	<0.020 U	<0.03 U	<0.030 U
Vinyl chloride	µg/L	0.2	0.02	0.03 J	<0.016 U	<0.019 U	<0.019 U	<0.016 U	<0.016 U

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			12/11/2014	5/8/2015	11/05/2015	5/13/2016	12/9/2014	5/7/2015
	Units	NR140 ES	NR140 PAL	MW-16S	MW-16S	MW-16S	MW-16S	MW-101S	MW-101S
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	Not Sampled.	9.96	0.36	0.00	5.27	3.64
Oxidation Reduction Potential	millivolts	--	--	Ice in well.	-90	-80	-73	110	128
pH	pH-units	--	--		6.44	6.48	7.01	7.37	6.52
Specific Conductivity	umhos/cm	--	--		299	2510	2730	1940	1570
Temperature	deg-C	--	--		9.96	13.53	15.36	9.28	19.29
Turbidity	ntu	--	--		19.2	11.4	2.8	0.	3.9
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--		680.	720.	730.	370.	250.
Chloride (as Cl)	mg/L	250.	125.		260.	230.	250.	590.	690.
Iron, total (unfiltered)	mg/L	--	--		7.73	6.35	58.3	<0.020 U	0.0687
Iron, dissolved (filtered)	mg/L	0.3	0.15		6.3	5.42	5.77	0.0111 J	0.0199 J
Manganese, total (unfiltered)	µg/L	--	--		67.8	76.3	6.77	371.	99.2
Manganese, dissolved (filtered)	µg/L	50.	25.		65.6	64.8	58.6	100.	<1.6 U
Acetylene	µg/L	--	--		<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 UM,Y
Ethane	µg/L	--	--		<0.60 U	<0.9 U	<0.40 U	<0.60 U	<0.60 U
Ethene	µg/L	--	--		<0.90 U	<1.2 U	<0.50 U	<0.90 U	<0.90 U
Methane	µg/L	--	--		11.	13.	19.	<0.30 U	<0.30 U
Sulfate(as SO4)	mg/L	250.	125.		910.	790.	950.	17.	20.
Total Organic Carbon	mg/L	--	--		3.8	3.1	4.8	4.6	5.2
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.		<0.030 U	<2.5 U	<0.50 U	<0.030 U	<0.030 U
1,1,1-Trichloroethane	µg/L	200.	40.		<0.030 U	<3 U	<0.60 U	<0.030 U	<0.030 U
1,1-Dichloroethane	µg/L	850.	85.		0.23	<3 U	<0.60 U	<0.024 U	<0.024 U
1,1-Dichloroethene	µg/L	7.	0.7		1.1	<3.5 U	0.81 J	<0.024 U	<0.024 U
1,2,3-Trichlorobenzene	µg/L	--	--		<0.040 U	<2.5 U	<0.50 U	<0.040 U	<0.040 U
1,2,4-Trichlorobenzene	µg/L	70.	14.		<0.029 U	<2 U	<0.40 U	<0.029 U	<0.029 U
1,2,4-Trimethylbenzene	µg/L	480.	96.		<0.024 U	<2.5 U	<0.50 U	<0.024 U	<0.024 U
1,2-Dichlorobenzene	µg/L	600.	60.		<0.025 U	<3 U	<0.60 U	<0.025 U	<0.025 U
1,2-Dichloroethane	µg/L	5.	0.5		2.1	3.3 J	2.5	<0.024 U	<0.024 U
1,2-Dichloropropane	µg/L	5.	0.5		<0.030 U	<3 U	<0.60 U	<0.030 U	<0.030 U
1,3,5-Trimethylbenzene	µg/L	480.	96.		<0.022 U	<3 U	<0.60 U	<0.022 U	<0.022 U
1,3-Dichlorobenzene	µg/L	600.	120.		<0.021 U	<3 U	<0.60 U	0.12	<0.021 U
2-Chlorotoluene	µg/L	--	--		<0.025 U	<3 U	<0.60 U	<0.025 U	<0.025 U
4-Chlorotoluene	µg/L	--	--		<0.029 U	<2.5 U	<0.50 U	<0.029 U	<0.029 U
Acetone	µg/L	9000.	1800.		<1.3 U	<45 U	240 B	<1.3 UZ	<1.3 U
Benzene	µg/L	5.	0.5		0.024 J	<3 U	<0.60 U	<0.019 U	<0.019 U
Bromobenzene	µg/L	--	--		<0.030 U	<2 U	<0.40 U	<0.030 U	<0.030 U
Chlorobenzene	µg/L	--	--		<0.024 U	<2 U	<0.40 U	<0.024 U	<0.024 U
Chloroethane	µg/L	400.	80.		<0.040 U	<3 U	<0.60 U	<0.040 U	<0.040 U
Chloromethane	µg/L	30.	3.		<0.040 U	<2.5 U	<0.50 U	0.065 JB	<0.040 U
cis-1,2-Dichloroethene	µg/L	70.	7.		800.	1000.	630.	<0.030 U	<0.030 U
Diisopropyl ether	µg/L	--	--		<0.021 U	<2 U	<0.40 U	<0.021 U	<0.021 U
Ethylbenzene	µg/L	700.	140.		<0.019 U	<3 U	<0.60 U	<0.019 U	<0.019 U
Hexachlorobutadiene	µg/L	--	--		<0.070 U	<3.5 U	<0.70 U	<0.070 U	<0.070 U
Isopropylbenzene	µg/L	--	--		<0.060 U	<2.5 U	<0.50 U	<0.060 U	<0.060 U
m & p-Xylene	µg/L	2000.	400.		<0.050 U	<6 U	<1.2 U	<0.050 U	<0.050 U
Methyl tert-butyl ether	µg/L	60.	12.		<0.040 U	<2 U	<0.40 U	<0.040 U	<0.040 U
Methylene chloride	µg/L	5.	0.5		<0.15 U	<3 U	<0.60 U	<0.15 U	<0.15 U
Naphthalene	µg/L	100.	10.		<0.040 U	<2.5 U	<0.50 U	<0.040 U	<0.040 U
n-Butylbenzene	µg/L	--	--		<0.021 U	<2.5 U	<0.50 U	<0.021 U	<0.021 U
n-Propylbenzene	µg/L	--	--		<0.022 U	<2.5 U	<0.50 U	<0.022 U	<0.022 U
o-Xylene	µg/L	2000.	400.		<0.027 U	<2.5 U	<0.50 U	<0.027 U	<0.027 U
p-Isopropyltoluene	µg/L	--	--		<0.030 U	<3 U	<0.60 U	<0.030 U	<0.030 U
sec-Butylbenzene	µg/L	--	--		<0.024 U	<2.5 U	<0.50 U	<0.024 U	<0.024 U
Styrene	µg/L	100.	10.		<0.020 U	<2.5 U	<0.50 U	<0.020 U	<0.020 U
tert-Butylbenzene	µg/L	--	--		<0.025 U	<3 U	<0.60 U	<0.025 U	<0.025 U
Tetrachloroethene	µg/L	5.	0.05		<0.030 U	<3 U	<0.60 U	<0.030 U	<0.030 U
Tetrahydrofuran	µg/L	50.	10.		3.1	<30 U	8.8 JZ	<0.70 U	<0.70 U
Toluene	µg/L	800.	160.		<0.027 U	<3 U	<0.60 U	<0.027 U	<0.027 U
trans-1,2-Dichloroethene	µg/L	100.	20.		34.	32.	27.	<0.040 U	<0.040 U
Trichloroethene	µg/L	5.	0.5		0.034 J	<1.5 U	<0.30 U	<0.020 U	<0.020 U
Vinyl chloride	µg/L	0.2	0.02		28.	58.	23.	<0.019 U	<0.019 U

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/04/2015	5/10/2016	12/9/2014	5/7/2015	11/04/2015	5/10/2016
	Units	NR140 ES	NR140 PAL	MW-101S	MW-101S	MW-101B	MW-101B	MW-101B	MW-101B
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	6.53	2.62	0.10	0.11	0.19	0.22
Oxidation Reduction Potential	millivolts	--	--	105	336	35	87	30	253
pH	pH-units	--	--	7.18	6.82	7.62	6.85	7.49	7.24
Specific Conductivity	umhos/cm	--	--	2330	3180	990	863	862	1180
Temperature	deg-C	--	--	16.49	9.98	9.65	14.54	15.41	10.52
Turbidity	ntu	--	--	0.	12.3	0.	0.5	0.	1.3
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	420.	330.	330.	320.	350.	360.
Chloride (as Cl)	mg/L	250.	125.	420.	830.	240.	190.	180.	180.
Iron, total (unfiltered)	mg/L	--	--	0.0383 J	0.0458 J	<0.020 U	0.0525 J	0.0523 J	<0.020 U
Iron, dissolved (filtered)	mg/L	0.3	0.15	<0.01 U	0.0296 J	<0.010 U	0.0115 J	0.0229 J	<0.010 U
Manganese, total (unfiltered)	µg/L	--	--	157.	68.6	88.2	58.7	128.	51.8
Manganese, dissolved (filtered)	µg/L	50.	25.	4.6 J	<1.6 U	95.9	58.4	115.	57.4
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	<0.60 U	<0.9 U	<0.40 U
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	<1.2 U	<0.50 U
Methane	µg/L	--	--	<0.4 U	<0.40 U	41.	31.	67.	75.
Sulfate(as SO ₄)	mg/L	250.	125.	29.	26.	40.	43.	49.	40.
Total Organic Carbon	mg/L	--	--	5.6	6.5 Y	0.72 J	1.1 J	<0.4 U	2.
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.050 U	<0.030 U	<0.030 U	<0.05 U	<0.050 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.060 U	<0.024 U	<0.024 U	<0.06 U	<0.060 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.070 U	<0.024 U	<0.024 U	<0.07 U	<0.070 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.050 UY	<0.040 U	<0.040 U	<0.05 U	<0.050 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.040 UY	<0.029 U	<0.029 U	<0.04 U	<0.040 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
1,2-Dichloropropane	µg/L	5.	0.5	<0.06 U	<0.060 UY	<0.030 U	<0.030 U	<0.06 U	<0.060 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.060 U	<0.022 U	<0.022 U	<0.06 U	<0.060 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.060 U	0.13	<0.021 U	0.068 J	<0.060 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.050 U	<0.029 U	<0.029 U	<0.05 U	<0.050 U
Acetone	µg/L	9000.	1800.	<0.9 U	<0.90 U	<1.3 UZ	<1.3 U	<0.9 U	<0.90 U
Benzene	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.030 U	<0.030 U	<0.04 U	<0.040 U
Chlorobenzene	µg/L	--	--	<0.04 U	<0.040 U	<0.024 U	<0.024 U	<0.04 U	<0.040 U
Chloroethane	µg/L	400.	80.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	<0.06 U	<0.060 U
Chloromethane	µg/L	30.	3.	<0.05 U	<0.050 U	0.073 JB	<0.040 U	<0.05 U	<0.050 U
cis-1,2-Dichloroethene	µg/L	70.	7.	<0.06 U	<0.060 U	0.37	0.23	0.34	0.32
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.040 U	<0.021 U	<0.021 U	<0.04 U	<0.040 U
Ethylbenzene	µg/L	700.	140.	<0.06 U	<0.060 U	<0.019 U	<0.019 U	<0.06 U	<0.060 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.070 UY	<0.070 U	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.060 U	<0.060 U	<0.05 U	<0.050 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.12 U	<0.050 U	<0.050 U	<0.12 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	<0.04 U	<0.040 U	0.26	0.22	0.29	0.24
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.060 U	<0.15 U	<0.15 U	<0.06 U	<0.060 U
Naphthalene	µg/L	100.	10.	<0.05 U	<0.050 UY	<0.040 U	<0.040 U	<0.05 U	<0.050 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.021 U	<0.021 U	<0.05 U	<0.050 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.022 U	<0.022 U	<0.05 U	<0.050 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.050 U	<0.027 U	<0.027 U	<0.05 U	<0.050 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.050 U	<0.024 U	<0.024 U	<0.05 U	<0.050 U
Styrene	µg/L	100.	10.	<0.05 U	<0.050 U	<0.020 U	<0.020 U	<0.05 U	<0.050 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	<0.06 U	<0.060 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U	<0.060 U	<0.030 U	<0.030 U	<0.06 U	<0.060 U
Tetrahydrofuran	µg/L	50.	10.	<0.6 U	<0.60 U	<0.70 U	<0.70 U	<0.6 U	<0.60 U
Toluene	µg/L	800.	160.	<0.06 U	<0.060 U	<0.027 U	<0.027 U	<0.06 U	<0.060 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	<0.06 U	<0.060 U
Trichloroethene	µg/L	5.	0.5	<0.03 U	<0.030 U	<0.020 U	0.047 J	0.03 J	0.045 J
Vinyl chloride	µg/L	0.2	0.02	<0.016 U	<0.016 U	<0.019 U	<0.019 U	<0.016 U	<0.016 U

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			11/06/2015	5/18/2016	12/8/2014	5/5/2015	11/04/2015	5/18/2016
	Units	NR140 ES	NR140 PAL	MW-102D	MW-102D	MW-103S	MW-103S	MW-103S	MW-103S
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	0.30	0.29	0.76	0.00	0.65	5.74
Oxidation Reduction Potential	millivolts	--	--	-70	-2	116	90	134	213
pH	pH-units	--	--	6.88	6.79	7.05	7.07	7.04	6.65
Specific Conductivity	umhos/cm	--	--	887	1400	736	1040	896	841
Temperature	deg-C	--	--	11.65	11.56	8.99	8.07	18.20	10.40
Turbidity	ntu	--	--	0.	0.	2.4	4.6	0.	0.
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	340.	460.	510.	450.	550.	490.
Chloride (as Cl)	mg/L	250.	125.	160.	220.	71.	47.	89.	57.
Iron, total (unfiltered)	mg/L	--	--	0.628	1.4	0.0347 J	0.0645 J	0.0491 J	0.0206 J
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.553	1.54	0.0224 J	<0.010 U	0.0222 J	0.0339
Manganese, total (unfiltered)	µg/L	--	--	31.8	37.7	394.	414.	449.	394.
Manganese, dissolved (filtered)	µg/L	50.	25.	20.3	34.2	182.	366.	311.	348.
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.9 U	<0.40 U	<0.60 U	<0.60 U	<0.9 U	<0.40 U
Ethene	µg/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	<1.2 U	<0.50 U
Methane	µg/L	--	--	7.9	12.	3.	6.2	11.	88.
Sulfate(as SO ₄)	mg/L	250.	125.	45.	100.	52.	46.	88.	69.
Total Organic Carbon	mg/L	--	--	0.84 J	2.3	6.8	5.7	6.9	6.9
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.25 U	<0.30 U	<0.30 U	<0.5 U	<0.50 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U	<0.30 U	32.	21.	39.	30.
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.30 U	7.3	4.8	12.	7.6
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.35 U	2.3	1.8	5.1	4.
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.25 U	<0.40 U	<0.40 U	<0.5 U	<0.50 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.20 U	<0.29 U	<0.29 U	<0.4 U	<0.40 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.25 U	<0.24 U	<0.24 U	<0.5 U	<0.50 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.30 U	<0.25 U	<0.25 U	<0.6 U	<0.60 U
1,2-Dichloroethane	µg/L	5.	0.5	0.074 J	0.28 J	0.33 J	0.75 J	1.2 J	1.2 J
1,2-Dichloropropane	µg/L	5.	0.5	<0.06 U	<0.30 U	<0.30 U	<0.30 U	<0.6 U	<0.60 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.30 U	<0.22 U	<0.22 U	<0.6 U	<0.60 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.30 U	<0.21 U	<0.21 U	<0.6 U	<0.60 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.30 U	<0.25 U	<0.25 U	<0.6 U	<0.60 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.25 U	<0.29 U	<0.29 U	<0.5 U	<0.50 U
Acetone	µg/L	9000.	1800.	<0.9 U	110 B	<13 UZ	<13 UZ	<9 U	250 B
Benzene	µg/L	5.	0.5	<0.06 U	<0.30 U	0.59 J	0.43 J	<0.6 U	<0.60 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.20 U	<0.30 U	<0.30 U	<0.4 U	<0.40 U
Chlorobenzene	µg/L	--	--	<0.04 U	<0.20 U	1.3	0.76 J	2.1	0.86 J
Chloroethane	µg/L	400.	80.	<0.06 U	<0.30 U	<0.40 U	<0.40 U	0.72 J	1.3 J
Chloromethane	µg/L	30.	3.	<0.05 U	<0.25 U	<0.40 U	<0.40 U	<0.5 U	<0.50 U
cis-1,2-Dichloroethene	µg/L	70.	7.	9.3	28.	27.	19.	54.	33.
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.20 U	<0.21 U	<0.21 U	<0.4 U	<0.40 U
Ethylbenzene	µg/L	700.	140.	<0.06 U	<0.30 U	<0.19 U	<0.19 U	<0.6 U	<0.60 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.35 U	<0.70 U	<0.70 U	<0.7 U	<0.70 U
Isopropylbenzene	µg/L	--	--	<0.05 U	<0.25 U	<0.60 U	<0.60 U	<0.5 U	<0.50 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.60 U	<0.50 U	<0.50 U	<1.2 U	<1.2 U
Methyl tert-butyl ether	µg/L	60.	12.	0.35	0.98	<0.40 U	<0.40 U	<0.4 U	<0.40 U
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.30 U	<1.5 U	<1.5 U	<0.6 U	<0.60 U
Naphthalene	µg/L	100.	10.	<0.05 U	<0.25 U	<0.40 U	<0.40 U	<0.5 U	<0.50 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.25 U	<0.21 U	<0.21 U	<0.5 U	<0.50 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.25 U	<0.22 U	<0.22 U	<0.5 U	<0.50 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.25 U	<0.27 U	<0.27 U	<0.5 U	<0.50 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.30 U	<0.30 U	<0.30 U	<0.6 U	<0.60 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.25 U	<0.24 U	<0.24 U	<0.5 U	<0.50 U
Styrene	µg/L	100.	10.	<0.05 U	<0.25 U	<0.20 U	<0.20 U	<0.5 U	<0.50 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.30 U	<0.25 U	<0.25 U	<0.6 U	<0.60 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U	<0.30 U	3.8	8.3	11.	9.6
Tetrahydrofuran	µg/L	50.	10.	<0.6 U	<3.0 U	<7.0 U	<7.0 U	<6 U	<6.0 U
Toluene	µg/L	800.	160.	<0.06 U	<0.30 U	<0.27 U	<0.27 U	<0.6 U	<0.60 U
trans-1,2-Dichloroethene	µg/L	100.	20.	0.25	0.72 J	1.1 J	0.74 J	2.	0.90 J
Trichloroethene	µg/L	5.	0.5	0.36	0.24 J	100.	73.	130.	57.
Vinyl chloride	µg/L	0.2	0.02	0.21	0.32	0.49 J	0.64	1.5	1.5

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled				12/8/2014	12/17/2014	5/5/2015	5/5/2015	11/04/2015	11/04/2015
	Units	NR140 ES	NR140 PAL	MW-103D	MW-103D Dup	MW-103D	MW-103D Dup	MW-103D	MW-103D DUP	
Field Parameters										
Dissolved Oxygen (DO)	mg/L	--	--	9.07	11.65	0.00	0.00	0.46	0.47	
Oxidation Reduction Potential	millivolts	--	--	-6	39	81	81	78	82	
pH	pH-units	--	--	6.96	7.75	7.17	7.17	7.11	7.10	
Specific Conductivity	umhos/cm	--	--	826	1050	1410	1410	923	923	
Temperature	deg-C	--	--	9.17	8.60	9.78	9.78	13.82	13.79	
Turbidity	ntu	--	--	3.65	0.	3.2	3.2	0.	0.	
Natural Attenuation Parameters										
Alkalinity, total (as CaCO ₃)	mg/L	--	--	420.	410.	390.	400.	440.	440.	
Chloride (as Cl)	mg/L	250.	125.	180 M	140.	170.	170.	150.	150.	
Iron, total (unfiltered)	mg/L	--	--	0.12	<0.020 U	0.0253 J	0.128	0.0614 J	0.0473 J	
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.0229 J	0.0168 J	<0.010 U	<0.010 U	0.0399	0.0419	
Manganese, total (unfiltered)	µg/L	--	--	258.	233.	340.	367.	309.	294.	
Manganese, dissolved (filtered)	µg/L	50.	25.	195.	207.	324.	320.	280.	282.	
Acetylene	µg/L	--	--	<0.23 U	<0.60 U	<0.60 U	<0.60 U	<0.23 U	<0.23 U	
Ethane	µg/L	--	--	<0.60 U	<0.23 U	<0.23 U	<0.23 U	<0.9 U	<0.9 U	
Ethene	µg/L	--	--	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<1.2 U	<1.2 U	
Methane	µg/L	--	--	1.9	2.8	5.1	4.6	4.5	5.2	
Sulfate(as SO ₄)	mg/L	250.	125.	62.	53.	60.	60.	62.	61.	
Total Organic Carbon	mg/L	--	--	7.	21.	5.2	4.9	3.9	4.1	
VOCs										
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1 U	<1 U	
1,1,1-Trichloroethane	µg/L	200.	40.	55.	55.	49.	47.	46.	43.	
1,1-Dichloroethane	µg/L	850.	85.	8.3	8.3	7.9	7.8	7.	7.1	
1,1-Dichloroethene	µg/L	7.	0.7	2.9 J	2.4 J	2 J	2.3 J	2.3 J	2.4 J	
1,2,3-Trichlorobenzene	µg/L	--	--	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<1 U	<1 U	
1,2,4-Trichlorobenzene	µg/L	70.	14.	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<0.8 U	<0.8 U	
1,2,4-Trimethylbenzene	µg/L	480.	96.	16.	1.6 J	<1.2 U	<1.2 U	<1 U	<1 U	
1,2-Dichlorobenzene	µg/L	600.	60.	<1.3 U	<1.3 U	<1.3 U	<1.3 U	<1.2 U	<1.2 U	
1,2-Dichloroethane	µg/L	5.	0.5	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<0.8 U	<0.8 U	
1,2-Dichloropropane	µg/L	5.	0.5	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.2 U	<1.2 U	
1,3,5-Trimethylbenzene	µg/L	480.	96.	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.2 U	<1.2 U	
1,3-Dichlorobenzene	µg/L	600.	120.	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.2 U	<1.2 U	
2-Chlorotoluene	µg/L	--	--	<1.3 U	<1.3 U	<1.3 U	<1.3 U	<1.2 U	<1.2 U	
4-Chlorotoluene	µg/L	--	--	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1 U	<1 U	
Acetone	µg/L	9000.	1800.	<65 UZ	<65 UZ	<65 UZ	<65 UZ	<18 U	<18 U	
Benzene	µg/L	5.	0.5	<0.95 U	<0.95 U	<0.95 U	<0.95 U	<1.2 U	<1.2 U	
Bromobenzene	µg/L	--	--	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<0.8 U	<0.8 U	
Chlorobenzene	µg/L	--	--	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<0.8 U	<0.8 U	
Chloroethane	µg/L	400.	80.	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<1.2 U	<1.2 U	
Chloromethane	µg/L	30.	3.	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<1 U	<1 U	
cis-1,2-Dichloroethene	µg/L	70.	7.	63.	60.	48.	50.	48.	50.	
Diisopropyl ether	µg/L	--	--	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<0.8 U	<0.8 U	
Ethylbenzene	µg/L	700.	140.	<0.95 U	<0.95 U	<0.95 U	<0.95 U	<1.2 U	<1.2 U	
Hexachlorobutadiene	µg/L	--	--	<3.5 U	<3.5 U	<3.5 U	<3.5 U	<1.4 U	<1.4 U	
Isopropylbenzene	µg/L	--	--	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<1 U	<1 U	
m & p-Xylene	µg/L	2000.	400.	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.4 U	<2.4 U	
Methyl tert-butyl ether	µg/L	60.	12.	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<0.8 U	<0.8 U	
Methylene chloride	µg/L	5.	0.5	<7.5 U	<7.5 U	<7.5 U	<7.5 U	<1.2 U	<1.2 U	
Naphthalene	µg/L	100.	10.	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<1 U	<1 U	
n-Butylbenzene	µg/L	--	--	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1 U	<1 U	
n-Propylbenzene	µg/L	--	--	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1 U	<1 U	
o-Xylene	µg/L	2000.	400.	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1 U	<1 U	
p-Isopropyltoluene	µg/L	--	--	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.2 U	<1.2 U	
sec-Butylbenzene	µg/L	--	--	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1 U	<1 U	
Styrene	µg/L	100.	10.	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1 U	<1 U	
tert-Butylbenzene	µg/L	--	--	<1.3 U	<1.3 U	<1.3 U	<1.3 U	<1.2 U	<1.2 U	
Tetrachloroethene	µg/L	5.	0.05	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.2 U	<1.2 U	
Tetrahydrofuran	µg/L	50.	10.	<35 U	<35 U	<35 U	<35 U	<12 U	<12 U	
Toluene	µg/L	800.	160.	2 J	<1.4 U	<1.4 U	<1.4 U	<1.2 U	<1.2 U	
trans-1,2-Dichloroethene	µg/L	100.	20.	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<1.2 U	<1.2 U	
Trichloroethene	µg/L	5.	0.5	460.	440.	430.	420.	420.	430.	
Vinyl chloride	µg/L	0.2	0.02	1.1 J	<0.95 U	1.4 J	1.3 J	0.5 J	0.74 J	

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled			5/18/2016	5/18/2016	12/10/2014	12/17/2014	5/5/2015	5/5/2015
	Units	NR140 ES	NR140 PAL	MW-103D	MW-103D Dup	MW-105S	MW-105S Dup	MW-105S	MW-105S Dup
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	0.02	0.02	0.68	10.42	0.00	0.00
Oxidation Reduction Potential	millivolts	--	--	218	220	-27	-46	-55	-55
pH	pH-units	--	--	6.80	6.80	7.46	7.51	7.20	7.20
Specific Conductivity	umhos/cm	--	--	1110	1110	1430	1750	2360	2360
Temperature	deg-C	--	--	11.46	11.45	7.80	6.52	8.39	8.39
Turbidity	ntu	--	--	0.	0.	188.	101.	22.8	22.8
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	450.	450.	390.	390.	380.	380.
Chloride (as Cl)	mg/L	250.	125.	180.	180.	440.	330.	510.	420.
Iron, total (unfiltered)	mg/L	--	--	0.0599 J	0.228	7.44	3.53	2.41	2.45
Iron, dissolved (filtered)	mg/L	0.3	0.15	<0.010 U	<0.010 U	0.924	0.634	1.71	1.69
Manganese, total (unfiltered)	µg/L	--	--	379.	364.	205.	217.	218.	212.
Manganese, dissolved (filtered)	µg/L	50.	25.	335.	331.	201.	178.	219.	215.
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	<0.40 U	<0.40 U	2.6	4.	2.3	2.3
Ethene	µg/L	--	--	<0.50 U	<0.50 U	5.	5.4	1.5 J	1.6 J
Methane	µg/L	--	--	13.	12.	250.	330.	140.	140.
Sulfate(as SO ₄)	mg/L	250.	125.	77.	74.	69.	57.	56.	55.
Total Organic Carbon	mg/L	--	--	5.6	6.7	3.3	16.	2.1	2.6
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<1.3 U	<0.50 U	<3.0 U	16 J	<6.0 U	<6.0 U
1,1,1-Trichloroethane	µg/L	200.	40.	44.	34.	<3.0 U	<15 U	<6.0 U	<6.0 U
1,1-Dichloroethane	µg/L	850.	85.	7.	5.8	93.	90.	73.	71.
1,1-Dichloroethene	µg/L	7.	0.7	2.1 J	1.3 J	14.	<12 U	11 J	11 J
1,2,3-Trichlorobenzene	µg/L	--	--	<1.3 U	<0.50 U	4.1 J	110.	<8.0 U	<8.0 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<1.0 U	<0.40 U	<2.9 U	100.	<5.8 U	<5.8 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<1.3 U	<0.50 U	<2.4 U	45.	<4.8 U	<4.8 U
1,2-Dichlorobenzene	µg/L	600.	60.	<1.5 U	<0.60 U	<2.5 U	56.	<5.0 U	<5.0 U
1,2-Dichloroethane	µg/L	5.	0.5	<1.0 U	<0.40 U	<2.4 U	<12 U	<4.8 U	<4.8 U
1,2-Dichloropropane	µg/L	5.	0.5	<1.5 U	<0.60 U	<3.0 U	<15 U	<6.0 U	<6.0 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<1.5 U	<0.60 U	<2.2 U	51.	<4.4 U	<4.4 U
1,3-Dichlorobenzene	µg/L	600.	120.	<1.5 U	<0.60 U	<2.1 U	54.	<4.2 U	<4.2 U
2-Chlorotoluene	µg/L	--	--	<1.5 U	<0.60 U	<2.5 U	45.	<5.0 U	<5.0 U
4-Chlorotoluene	µg/L	--	--	<1.3 U	<0.50 U	<2.9 U	41 J	<5.8 U	<5.8 U
Acetone	µg/L	9000.	1800.	660 B	230 B	<130 UZ	<650 UZ	<260 UZ	<260 UZ
Benzene	µg/L	5.	0.5	<1.5 U	<0.60 U	<1.9 U	<9.5 U	<3.8 U	<3.8 U
Bromobenzene	µg/L	--	--	<1.0 U	<0.40 U	<3.0 U	33 J	<6.0 U	<6.0 U
Chlorobenzene	µg/L	--	--	<1.0 U	<0.40 U	6.7 J	25 J	<4.8 U	<4.8 U
Chloroethane	µg/L	400.	80.	<1.5 U	<0.60 U	<4.0 U	<20 U	<8.0 U	<8.0 U
Chloromethane	µg/L	30.	3.	<1.3 U	<0.50 U	<4.0 U	<20 U	<8.0 U	<8.0 U
cis-1,2-Dichloroethene	µg/L	70.	7.	43.	33.	1000.	1000.	960.	950.
Diisopropyl ether	µg/L	--	--	<1.0 U	<0.40 U	<2.1 U	<11 U	<4.2 U	<4.2 U
Ethylbenzene	µg/L	700.	140.	<1.5 U	<0.60 U	<1.9 U	26 J	<3.8 U	<3.8 U
Hexachlorobutadiene	µg/L	--	--	<1.8 U	<0.70 U	<7.0 U	71 J	<14 U	<14 U
Isopropylbenzene	µg/L	--	--	<1.3 U	<0.50 U	<6.0 U	41 J	<12 U	<12 U
m & p-Xylene	µg/L	2000.	400.	<3.0 U	<1.2 U	<5.0 U	46 J	<10 U	<10 U
Methyl tert-butyl ether	µg/L	60.	12.	<1.0 U	<0.40 U	<4.0 U	<20 U	<8.0 U	<8.0 U
Methylene chloride	µg/L	5.	0.5	<1.5 U	<0.60 U	<1.5 U	<7.5 U	<3.0 U	<3.0 U
Naphthalene	µg/L	100.	10.	<1.3 U	<0.50 U	<4.0 U	61 J	<8.0 U	<8.0 U
n-Butylbenzene	µg/L	--	--	<1.3 U	<0.50 U	<2.1 U	92.	<4.2 U	<4.2 U
n-Propylbenzene	µg/L	--	--	<1.3 U	<0.50 U	<2.2 U	53.	<4.4 U	<4.4 U
o-Xylene	µg/L	2000.	400.	<1.3 U	<0.50 U	<2.7 U	21 J	<5.4 U	<5.4 U
p-Isopropyltoluene	µg/L	--	--	<1.5 U	<0.60 U	<3.0 U	64.	<6.0 U	<6.0 U
sec-Butylbenzene	µg/L	--	--	<1.3 U	<0.50 U	<2.4 U	71.	<4.8 U	<4.8 U
Styrene	µg/L	100.	10.	<1.3 U	<0.50 U	<2.0 U	17 J	<4.0 U	<4.0 U
tert-Butylbenzene	µg/L	--	--	<1.5 U	<0.60 U	<2.5 U	62.	<5.0 U	<5.0 U
Tetrachloroethene	µg/L	5.	0.05	<1.5 U	<0.60 U	<3.0 U	28 J	<6.0 U	<6.0 U
Tetrahydrofuran	µg/L	50.	10.	<15 U	<6.0 U	<70 U	<350 U	<140 U	<140 U
Toluene	µg/L	800.	160.	<1.5 U	<0.60 U	<2.7 U	<14 U	<5.4 U	<5.4 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<1.5 U	<0.60 U	280.	260.	230.	240.
Trichloroethene	µg/L	5.	0.5	390.	340.	2900.	2800.	2100.	2100.
Vinyl chloride	µg/L	0.2	0.02	<0.40 U	0.50 J	13.	23 J	9.5 J	9.8 J

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled		11/03/2015	11/03/2015	5/11/2016	5/11/2016	12/10/2014	5/5/2015	
	Units	NR140 ES	NR140 PAL	MW-105S	MW-105S DUP	MW-105S	MW-105S Dup	MW-105D	MW-105D
Field Parameters									
Dissolved Oxygen (DO)	mg/L	--	--	0.37	0.37	0.00	0.00	0.43	0.00
Oxidation Reduction Potential	millivolts	--	--	-48	-47	-17	-17	-83	-69
pH	pH-units	--	--	7.24	7.24	7.04	7.04	7.65	7.30
Specific Conductivity	umhos/cm	--	--	1910	1910	1530	1520	1050	1420
Temperature	deg-C	--	--	20.20	20.15	12.88	12.86	7.88	8.53
Turbidity	ntu	--	--	9.3	9.5	13.4	13.9	0.	7.3
Natural Attenuation Parameters									
Alkalinity, total (as CaCO ₃)	mg/L	--	--	400.	410.	410.	410.	390.	390.
Chloride (as Cl)	mg/L	250.	125.	400.	410.	320.	250.	440.	190.
Iron, total (unfiltered)	mg/L	--	--	2.27	2.27	2.27	2.34	7.44	1.78
Iron, dissolved (filtered)	mg/L	0.3	0.15	1.07	1.06	2.84 M	1.51	0.924	1.77
Manganese, total (unfiltered)	µg/L	--	--	254.	257.	174.	169.	205.	58.8
Manganese, dissolved (filtered)	µg/L	50.	25.	204.	205.	175.	172.	201.	66.9
Acetylene	µg/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
Ethane	µg/L	--	--	2.4 J	2.5 J	2.3	2.3	<0.60 U	<0.60 U
Ethene	µg/L	--	--	<1.2 U	<1.2 U	0.67 J	0.68 J	<0.90 U	<0.90 U
Methane	µg/L	--	--	310.	330.	240.	230.	250.	59.
Sulfate(as SO ₄)	mg/L	250.	125.	56.	56.	56.	57.	69.	57.
Total Organic Carbon	mg/L	--	--	2.4	2.4	3.	3.8	3.3	2.
VOCs									
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.030 U	<0.30 U
1,1,1-Trichloroethane	µg/L	200.	40.	<3 U	<3 U	<6.0 U	<6.0 U	<0.030 U	<0.30 U
1,1-Dichloroethane	µg/L	850.	85.	48.	45.	87.	78.	11.	6.2
1,1-Dichloroethene	µg/L	7.	0.7	7.6 J	8.7 J	12 J	13 J	1.6	1.1
1,2,3-Trichlorobenzene	µg/L	--	--	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.040 U	<0.40 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<2 U	<2 U	<4.0 U	<4.0 U	<0.029 U	<0.29 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.024 U	<0.24 U
1,2-Dichlorobenzene	µg/L	600.	60.	<3 U	<3 U	<6.0 U	<6.0 U	<0.025 U	<0.25 U
1,2-Dichloroethane	µg/L	5.	0.5	<2 U	<2 U	<4.0 U	<4.0 U	0.16	<0.24 U
1,2-Dichloropropane	µg/L	5.	0.5	<3 U	<3 U	<6.0 U	<6.0 U	<0.030 U	<0.30 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<3 U	<3 U	<6.0 U	<6.0 U	<0.022 U	<0.22 U
1,3-Dichlorobenzene	µg/L	600.	120.	<3 U	<3 U	<6.0 U	<6.0 U	<0.021 U	<0.21 U
2-Chlorotoluene	µg/L	--	--	<3 U	<3 U	<6.0 U	<6.0 U	<0.025 U	<0.25 U
4-Chlorotoluene	µg/L	--	--	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.029 U	<0.29 U
Acetone	µg/L	9000.	1800.	<45 U	<45 U	2900 B	3100 B	<1.3 UZ	<13 UZ
Benzene	µg/L	5.	0.5	<3 U	<3 U	<6.0 U	<6.0 U	<0.019 U	<0.19 U
Bromobenzene	µg/L	--	--	<2 U	<2 U	<4.0 U	<4.0 U	<0.030 U	<0.30 U
Chlorobenzene	µg/L	--	--	3.7 J	3 J	<4.0 U	<4.0 U	<0.024 U	<0.24 U
Chloroethane	µg/L	400.	80.	<3 U	<3 U	<6.0 U	<6.0 U	<0.040 U	<0.40 U
Chloromethane	µg/L	30.	3.	<2.5 U	<2.5 U	<5.0 U	<5.0 U	0.061 JB	<0.40 U
cis-1,2-Dichloroethene	µg/L	70.	7.	710.	680.	980.	920.	110.	69.
Diisopropyl ether	µg/L	--	--	<2 U	<2 U	<4.0 U	<4.0 U	<0.021 U	<0.21 U
Ethylbenzene	µg/L	700.	140.	<3 U	<3 U	<6.0 U	<6.0 U	<0.019 U	<0.19 U
Hexachlorobutadiene	µg/L	--	--	<3.5 U	<3.5 U	<7.0 U	<7.0 U	<0.070 U	<0.70 U
Isopropylbenzene	µg/L	--	--	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.060 U	<0.60 U
m & p-Xylene	µg/L	2000.	400.	<6 U	<6 U	<12 U	<12 U	<0.050 U	<0.50 U
Methyl tert-butyl ether	µg/L	60.	12.	<2 U	<2 U	<4.0 U	<4.0 U	0.15	<0.40 U
Methylene chloride	µg/L	5.	0.5	<3 U	<3 U	170.	140.	<0.15 U	<1.5 U
Naphthalene	µg/L	100.	10.	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.040 U	<0.40 U
n-Butylbenzene	µg/L	--	--	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.021 U	<0.21 U
n-Propylbenzene	µg/L	--	--	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.022 U	<0.22 U
o-Xylene	µg/L	2000.	400.	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.027 U	<0.27 U
p-Isopropyltoluene	µg/L	--	--	<3 U	<3 U	<6.0 U	<6.0 U	<0.030 U	<0.30 U
sec-Butylbenzene	µg/L	--	--	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.024 U	<0.24 U
Styrene	µg/L	100.	10.	<2.5 U	<2.5 U	<5.0 U	<5.0 U	<0.020 U	<0.20 U
tert-Butylbenzene	µg/L	--	--	<3 U	<3 U	<6.0 U	<6.0 U	<0.025 U	<0.25 U
Tetrachloroethene	µg/L	5.	0.05	<3 U	<3 U	<6.0 U	<6.0 U	<0.030 U	<0.30 U
Tetrahydrofuran	µg/L	50.	10.	<30 U	<30 U	<60 U	<60 U	<0.70 U	<7.0 U
Toluene	µg/L	800.	160.	<3 U	<3 U	<6.0 U	<6.0 U	<0.027 U	<0.27 U
trans-1,2-Dichloroethene	µg/L	100.	20.	110.	110.	160.	140.	1.7	2.2
Trichloroethene	µg/L	5.	0.5	1300.	1200.	1200.	1100.	1.4	1.8
Vinyl chloride	µg/L	0.2	0.02	6.6	5.6	6.4	3.0 J	2.	1.7

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

	Date Sampled				11/04/2015	5/18/2016	12/15/2014	5/7/2015
	Units	NR140 ES	NR140 PAL	OW-06	OW-6	MW-14DR	MW-14DR	
Field Parameters								
Dissolved Oxygen (DO)	mg/L	--	--	0.24	3.40	11.86	0.00	
Oxidation Reduction Potential	millivolts	--	--	-150	163	94	66	
pH	pH-units	--	--	9.51	9.18	7.57	6.69	
Specific Conductivity	umhos/cm	--	--	485	637	917	840	
Temperature	deg-C	--	--	18.83	12.40	10.03	11.49	
Turbidity	ntu	--	--	0.	0.	79.5	0.4	
Natural Attenuation Parameters								
Alkalinity, total (as CaCO ₃)	mg/L	--	--	190.	240.	310.	290.	
Chloride (as Cl)	mg/L	250.	125.	120.	130.	140 M	170.	
Iron, total (unfiltered)	mg/L	--	--	0.13	0.416	0.252 M	0.0672	
Iron, dissolved (filtered)	mg/L	0.3	0.15	0.0923	<0.010 U	<0.010 U	0.0233 J	
Manganese, total (unfiltered)	ug/L	--	--	9.9	16.6	5.2 M	205.	
Manganese, dissolved (filtered)	ug/L	50.	25.	6.3	4.8 J	123.	113.	
Acetylene	ug/L	--	--	<0.23 U	<0.23 U	<0.23 U	<0.23 U	
Ethane	ug/L	--	--	<0.9 U	<0.40 U	<0.60 U	<0.60 U	
Ethene	ug/L	--	--	<1.2 U	<0.50 U	<0.90 U	<0.90 U	
Methane	ug/L	--	--	36.	54.	0.37 J	<0.30 U	
Sulfate(as SO4)	mg/L	250.	125.	8.2	9.7	40.	36.	
Total Organic Carbon	mg/L	--	--	<0.4 U	0.53 J	5.	1.7	
VOCs								
1,1,1,2-Tetrachloroethane	ug/L	70.	7.	<0.05 U	<0.050 U	<0.030 U	<0.030 U	
1,1,1-Trichloroethane	ug/L	200.	40.	<0.06 U	<0.060 U	<0.030 U	<0.030 U	
1,1-Dichloroethane	ug/L	850.	85.	<0.06 U	<0.060 U	<0.024 U	<0.024 U	
1,1-Dichloroethene	ug/L	7.	0.7	<0.07 U	<0.070 U	<0.024 U	<0.024 U	
1,2,3-Trichlorobenzene	ug/L	--	--	<0.05 U	<0.050 U	<0.040 U	<0.040 U	
1,2,4-Trichlorobenzene	ug/L	70.	14.	<0.04 U	<0.040 U	<0.029 U	<0.029 U	
1,2,4-Trimethylbenzene	ug/L	480.	96.	<0.05 U	<0.050 U	<0.024 U	<0.024 U	
1,2-Dichlorobenzene	ug/L	600.	60.	<0.06 U	<0.060 U	<0.025 U	<0.025 U	
1,2-Dichloroethane	ug/L	5.	0.5	<0.04 U	<0.040 U	<0.024 U	<0.024 U	
1,2-Dichloropropane	ug/L	5.	0.5	<0.06 U	<0.060 U	<0.030 U	<0.030 U	
1,3,5-Trimethylbenzene	ug/L	480.	96.	<0.06 U	<0.060 U	<0.022 U	<0.022 U	
1,3-Dichlorobenzene	ug/L	600.	120.	0.075 J	0.091 J	<0.021 U	<0.021 U	
2-Chlorotoluene	ug/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	
4-Chlorotoluene	ug/L	--	--	<0.05 U	<0.050 U	<0.029 U	<0.029 U	
Acetone	ug/L	9000.	1800.	<0.9 U	<0.90 U	<1.3 UZ	<1.3 U	
Benzene	ug/L	5.	0.5	<0.06 U	<0.060 U	<0.019 U	<0.019 U	
Bromobenzene	ug/L	--	--	<0.04 U	<0.040 U	<0.030 U	<0.030 U	
Chlorobenzene	ug/L	--	--	<0.04 U	<0.040 U	<0.024 U	<0.024 U	
Chloroethane	ug/L	400.	80.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	
Chloromethane	ug/L	30.	3.	<0.05 U	0.17 J	0.081 JB	<0.040 U	
cis-1,2-Dichloroethene	ug/L	70.	7.	<0.06 U	<0.060 U	0.074 J	0.053 J	
Diisopropyl ether	ug/L	--	--	<0.04 U	<0.040 U	<0.021 U	<0.021 U	
Ethylbenzene	ug/L	700.	140.	<0.06 U	<0.060 U	<0.019 U	<0.019 U	
Hexachlorobutadiene	ug/L	--	--	<0.07 U	<0.070 U	<0.070 U	<0.070 U	
Isopropylbenzene	ug/L	--	--	<0.05 U	<0.050 U	<0.060 U	<0.060 U	
m & p-Xylene	ug/L	2000.	400.	<0.12 U	<0.12 U	<0.050 U	<0.050 U	
Methyl tert-butyl ether	ug/L	60.	12.	<0.04 U	<0.040 U	<0.040 U	<0.040 U	
Methylene chloride	ug/L	5.	0.5	<0.06 U	<0.060 U	<0.15 U	<0.15 U	
Naphthalene	ug/L	100.	10.	<0.05 U	<0.050 U	<0.040 U	<0.040 U	
n-Butylbenzene	ug/L	--	--	<0.05 U	<0.050 U	<0.021 U	<0.021 U	
n-Propylbenzene	ug/L	--	--	<0.05 U	<0.050 U	<0.022 U	<0.022 U	
o-Xylene	ug/L	2000.	400.	<0.05 U	<0.050 U	<0.027 U	<0.027 U	
p-Isopropyltoluene	ug/L	--	--	<0.06 U	<0.060 U	<0.030 U	<0.030 U	
sec-Butylbenzene	ug/L	--	--	<0.05 U	<0.050 U	<0.024 U	<0.024 U	
Styrene	ug/L	100.	10.	<0.05 U	<0.050 U	<0.020 U	<0.020 U	
tert-Butylbenzene	ug/L	--	--	<0.06 U	<0.060 U	<0.025 U	<0.025 U	
Tetrachloroethene	ug/L	5.	0.05	<0.06 U	<0.060 U	<0.030 U	<0.030 U	
Tetrahydrofuran	ug/L	50.	10.	<0.6 U	<0.60 U	<0.70 U	<0.70 U	
Toluene	ug/L	800.	160.	<0.06 U	<0.060 U	<0.027 U	<0.027 U	
trans-1,2-Dichloroethene	ug/L	100.	20.	<0.06 U	<0.060 U	<0.040 U	<0.040 U	
Trichloroethene	ug/L	5.	0.5	<0.03 U	<0.030 U	0.3	0.19	
Vinyl chloride	ug/L	0.2	0.02	<0.016 U	<0.016 U	<0.019 U	<0.019 U	

Table 3. Groundwater Quality Data, Oconomowoc Electroplating Company Inc. (OECI) Superfund Site Monitoring Wells

Notes:

mg/L: milligrams per liter

umhos/cm: micromhos per centimeter

deg-C: degrees Celsius

ntu: nephelometric turbidity units

µg/L: micrograms per liter

NR140 ES: Chapter NR140 Wisconsin Administrative Enforcement Standard

NR140 PAL: Chapter NR140 Wisconsin Administrative Code Preventive Action Limit

Dup: Duplicate sample

Laboratory Quality Control Qualifiers

B: Analyte detected in the associated Method Blank.

D: Diluted Out.

H: Holding time exceeded.

J: Estimated value.

M: Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.

Q: Laboratory Control Sample outside acceptance limits.

U: Analyte concentration was below detection limit.

Y: Replicate/Duplicate precision outside acceptance limits.

Z: Specified calibration criteria was not met.

Table 4. Residential Wells Groundwater Sample Results

	Date Sampled		12/9/2014	11/4/2015	11/3/2015	
	Units	NR140 ES	NR140 PAL	PW-03	PW-03	PW-04
<u>VOCs</u>						
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.05 U	<0.05 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.06 U	<0.06 U
1,1-Dichloroethane	µg/L	850.	85.	<0.024 U	<0.06 U	<0.06 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.07 U	<0.07 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.05 U	<0.05 U
1,2,3-Trichloropropane	µg/L	60.	12.	<0.080 U	<0.04 U	<0.04 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.04 U	<0.04 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.05 U	<0.05 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.06 U	<0.06 U
1,2-Dichloroethane	µg/L	5.	0.5	0.031 J	<0.04 U	<0.04 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.06 U	<0.06 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.021 U	<0.06 U	<0.06 U
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.06 U	<0.06 U
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.05 U	<0.05 U
Acetone	µg/L	9000.	1800.	<1.3 UZ	<0.9 U	<0.9 U
Benzene	µg/L	5.	0.5	<0.019 U	<0.06 U	<0.06 U
Bromobenzene	µg/L	--	--	<0.030 U	<0.04 U	<0.04 U
Chlorobenzene	µg/L	--	--	<0.024 U	<0.04 U	<0.04 U
Chloroethane	µg/L	400.	80.	<0.040 U	<0.06 U	<0.06 U
Chloromethane	µg/L	30.	3.	0.054 JB	<0.05 U	<0.05 U
cis-1,2-Dichloroethene	µg/L	70.	7.	1.3	1.8	1.2
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.04 U	<0.04 U
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.06 U	<0.06 U
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.07 U	<0.07 U
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.05 U	<0.05 U
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.12 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	0.57	0.6	0.48
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.06 U	<0.06 U
Naphthalene	µg/L	100.	10.	<0.040 U	<0.05 U	<0.05 U
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.05 U	<0.05 U
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.05 U	<0.05 U
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.05 U	<0.05 U
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.06 U	<0.06 U
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.05 U	<0.05 U
Styrene	µg/L	100.	10.	<0.020 U	<0.05 U	<0.05 U
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.06 U	<0.06 U
Tetrachloroethene	µg/L	5.	0.05	<0.030 U	<0.06 U	<0.06 U
Toluene	µg/L	800.	160.	<0.027 U	<0.06 U	<0.06 U
trans-1,2-Dichloroethene	µg/L	100.	20.	0.074 J	0.088 J	0.066 J
Trichloroethene	µg/L	5.	0.5	0.62	0.69	0.086 J
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	<0.016 U	<0.016 U

Table 4. Residential Wells Groundwater Sample Results

	Date Sampled		12/9/2014	11/5/2015	12/9/2014	
	Units	NR140 ES	NR140 PAL	PW-07	PW-07	PW-08
VOCs						
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.05 U	<0.030 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.06 U	<0.030 U
1,1-Dichloroethane	µg/L	850.	85.	<0.024 U	<0.06 U	<0.024 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.07 U	<0.024 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.05 U	<0.040 U
1,2,3-Trichloropropane	µg/L	60.	12.	<0.080 U	<0.04 U	<0.080 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.04 U	<0.029 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.05 U	<0.024 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.06 U	<0.025 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.04 U	<0.024 U
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.06 U	<0.022 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.021 U	<0.06 U	<0.021 U
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.06 U	<0.025 U
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.05 U	<0.029 U
Acetone	µg/L	9000.	1800.	<1.3 UZ	<0.9 U	<1.3 UZ
Benzene	µg/L	5.	0.5	<0.019 U	<0.06 U	<0.019 U
Bromobenzene	µg/L	--	--	<0.030 U	<0.04 U	<0.030 U
Chlorobenzene	µg/L	--	--	<0.024 U	<0.04 U	<0.024 U
Chloroethane	µg/L	400.	80.	<0.040 U	<0.06 U	<0.040 U
Chloromethane	µg/L	30.	3.	0.056 JB	<0.05 U	0.06 JB
cis-1,2-Dichloroethene	µg/L	70.	7.	0.34	3.	2.2
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.04 U	<0.021 U
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.06 U	<0.019 U
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.05 U	<0.060 U
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.12 U	<0.050 U
Methyl tert-butyl ether	µg/L	60.	12.	0.33	0.5	0.57
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.06 U	<0.15 U
Naphthalene	µg/L	100.	10.	<0.040 U	<0.05 U	<0.040 U
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.05 U	<0.021 U
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.05 U	<0.022 U
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.05 U	<0.027 U
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.06 U	<0.030 U
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.05 U	<0.024 U
Styrene	µg/L	100.	10.	<0.020 U	<0.05 U	<0.020 U
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.06 U	<0.025 U
Tetrachloroethene	µg/L	5.	0.05	<0.030 U	<0.06 U	<0.030 U
Toluene	µg/L	800.	160.	<0.027 U	<0.06 U	<0.027 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	0.13 J	0.094 J
Trichloroethene	µg/L	5.	0.5	<0.020 U	0.031 J	0.083
Vinyl chloride	µg/L	0.2	0.02	0.05 J	0.053	0.045 J

Table 4. Residential Wells Groundwater Sample Results

	Date Sampled		11/5/2015	12/9/2014	11/3/2015	
	Units	NR140 ES	NR140 PAL	PW-08	PW-09	PW-09
<u>VOCs</u>						
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U	<0.030 U	<0.05 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U	<0.030 U	<0.06 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U	<0.024 U	<0.06 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U	<0.024 U	<0.07 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U	<0.040 U	<0.05 U
1,2,3-Trichloropropane	µg/L	60.	12.	<0.04 U	<0.080 U	<0.04 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U	<0.029 U	<0.04 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U	<0.024 U	<0.05 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U	<0.025 U	<0.06 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.04 U	0.041 J	0.048 J
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U	<0.022 U	<0.06 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U	<0.021 U	<0.06 U
2-Chlorotoluene	µg/L	--	--	<0.06 U	<0.025 U	<0.06 U
4-Chlorotoluene	µg/L	--	--	<0.05 U	<0.029 U	<0.05 U
Acetone	µg/L	9000.	1800.	<0.9 U	<1.3 UZ	<0.9 U
Benzene	µg/L	5.	0.5	<0.06 U	<0.019 U	<0.06 U
Bromobenzene	µg/L	--	--	<0.04 U	<0.030 U	<0.04 U
Chlorobenzene	µg/L	--	--	<0.04 U	<0.024 U	<0.04 U
Chloroethane	µg/L	400.	80.	<0.06 U	<0.040 U	<0.06 U
Chloromethane	µg/L	30.	3.	<0.05 U	0.055 JB	<0.05 U
cis-1,2-Dichloroethene	µg/L	70.	7.	2.3	5.6	6.
Diisopropyl ether	µg/L	--	--	<0.04 U	<0.021 U	<0.04 U
Ethylbenzene	µg/L	700.	140.	<0.06 U	<0.019 U	<0.06 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U	<0.070 U	<0.07 U
Isopropylbenzene	µg/L	--	--	<0.05 U	<0.060 U	<0.05 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U	<0.050 U	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	0.57	0.63	0.62
Methylene chloride	µg/L	5.	0.5	<0.06 U	<0.15 U	<0.06 U
Naphthalene	µg/L	100.	10.	<0.05 U	<0.040 U	<0.05 U
n-Butylbenzene	µg/L	--	--	<0.05 U	<0.021 U	<0.05 U
n-Propylbenzene	µg/L	--	--	<0.05 U	<0.022 U	<0.05 U
o-Xylene	µg/L	2000.	400.	<0.05 U	<0.027 U	<0.05 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U	<0.030 U	<0.06 U
sec-Butylbenzene	µg/L	--	--	<0.05 U	<0.024 U	<0.05 U
Styrene	µg/L	100.	10.	<0.05 U	<0.020 U	<0.05 U
tert-Butylbenzene	µg/L	--	--	<0.06 U	<0.025 U	<0.06 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U	<0.030 U	<0.06 U
Toluene	µg/L	800.	160.	<0.06 U	0.088 J	0.083 J
trans-1,2-Dichloroethene	µg/L	100.	20.	0.1 J	0.23	0.26
Trichloroethene	µg/L	5.	0.5	0.069 J	0.06 J	0.068 J
Vinyl chloride	µg/L	0.2	0.02	0.043 J	0.056 J	0.055

Table 4. Residential Wells Groundwater Sample Results

	Date Sampled			12/9/2014	11/5/2015	12/9/2014
	Units	NR140 ES	NR140 PAL	PW-10	PW-10	PW-11
VOCs						
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.030 U	<0.05 U	<0.030 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.030 U	<0.06 U	<0.030 U
1,1-Dichloroethane	µg/L	850.	85.	<0.024 U	<0.06 U	<0.024 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.024 U	<0.07 U	<0.024 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.040 U	<0.05 U	<0.040 U
1,2,3-Trichloropropane	µg/L	60.	12.	<0.080 U	<0.04 U	<0.080 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.029 U	<0.04 U	<0.029 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.024 U	<0.05 U	<0.024 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.025 U	<0.06 U	<0.025 U
1,2-Dichloroethane	µg/L	5.	0.5	<0.024 U	<0.04 U	0.044 J
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.022 U	<0.06 U	<0.022 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.021 U	<0.06 U	<0.021 U
2-Chlorotoluene	µg/L	--	--	<0.025 U	<0.06 U	<0.025 U
4-Chlorotoluene	µg/L	--	--	<0.029 U	<0.05 U	<0.029 U
Acetone	µg/L	9000.	1800.	<1.3 UZ	<0.9 U	<1.3 UZ
Benzene	µg/L	5.	0.5	<0.019 U	<0.06 U	<0.019 U
Bromobenzene	µg/L	--	--	<0.030 U	<0.04 U	<0.030 U
Chlorobenzene	µg/L	--	--	<0.024 U	<0.04 U	<0.024 U
Chloroethane	µg/L	400.	80.	<0.040 U	<0.06 U	<0.040 U
Chloromethane	µg/L	30.	3.	0.046 JB	<0.05 U	0.08 JB
cis-1,2-Dichloroethene	µg/L	70.	7.	0.097 J	0.11 J	1.7
Diisopropyl ether	µg/L	--	--	<0.021 U	<0.04 U	0.13
Ethylbenzene	µg/L	700.	140.	<0.019 U	<0.06 U	<0.019 U
Hexachlorobutadiene	µg/L	--	--	<0.070 U	<0.07 U	<0.070 U
Isopropylbenzene	µg/L	--	--	<0.060 U	<0.05 U	<0.060 U
m & p-Xylene	µg/L	2000.	400.	<0.050 U	<0.12 U	<0.050 U
Methyl tert-butyl ether	µg/L	60.	12.	0.39	0.43	1.
Methylene chloride	µg/L	5.	0.5	<0.15 U	<0.06 U	<0.15 U
Naphthalene	µg/L	100.	10.	<0.040 U	<0.05 U	<0.040 U
n-Butylbenzene	µg/L	--	--	<0.021 U	<0.05 U	<0.021 U
n-Propylbenzene	µg/L	--	--	<0.022 U	<0.05 U	<0.022 U
o-Xylene	µg/L	2000.	400.	<0.027 U	<0.05 U	<0.027 U
p-Isopropyltoluene	µg/L	--	--	<0.030 U	<0.06 U	<0.030 U
sec-Butylbenzene	µg/L	--	--	<0.024 U	<0.05 U	<0.024 U
Styrene	µg/L	100.	10.	<0.020 U	<0.05 U	<0.020 U
tert-Butylbenzene	µg/L	--	--	<0.025 U	<0.06 U	<0.025 U
Tetrachloroethene	µg/L	5.	0.05	<0.030 U	<0.06 U	<0.030 U
Toluene	µg/L	800.	160.	<0.027 U	<0.06 U	<0.027 U
trans-1,2-Dichloroethene	µg/L	100.	20.	<0.040 U	<0.06 U	0.12 J
Trichloroethene	µg/L	5.	0.5	<0.020 U	<0.03 U	<0.020 U
Vinyl chloride	µg/L	0.2	0.02	<0.019 U	0.021 J	0.039 J

Table 4. Residential Wells Groundwater Sample Results

	Date Sampled			11/6/2015
	Units	NR140 ES	NR140 PAL	PW-11
<u>VOCs</u>				
1,1,1,2-Tetrachloroethane	µg/L	70.	7.	<0.05 U
1,1,1-Trichloroethane	µg/L	200.	40.	<0.06 U
1,1-Dichloroethane	µg/L	850.	85.	<0.06 U
1,1-Dichloroethene	µg/L	7.	0.7	<0.07 U
1,2,3-Trichlorobenzene	µg/L	--	--	<0.05 U
1,2,3-Trichloropropane	µg/L	60.	12.	<0.04 U
1,2,4-Trichlorobenzene	µg/L	70.	14.	<0.04 U
1,2,4-Trimethylbenzene	µg/L	480.	96.	<0.05 U
1,2-Dichlorobenzene	µg/L	600.	60.	<0.06 U
1,2-Dichloroethane	µg/L	5.	0.5	0.065 J
1,3,5-Trimethylbenzene	µg/L	480.	96.	<0.06 U
1,3-Dichlorobenzene	µg/L	600.	120.	<0.06 U
2-Chlorotoluene	µg/L	--	--	<0.06 U
4-Chlorotoluene	µg/L	--	--	<0.05 U
Acetone	µg/L	9000.	1800.	<0.9 U
Benzene	µg/L	5.	0.5	<0.06 U
Bromobenzene	µg/L	--	--	<0.04 U
Chlorobenzene	µg/L	--	--	<0.04 U
Chloroethane	µg/L	400.	80.	<0.06 U
Chloromethane	µg/L	30.	3.	<0.05 U
cis-1,2-Dichloroethene	µg/L	70.	7.	1.9
Diisopropyl ether	µg/L	--	--	0.13 J
Ethylbenzene	µg/L	700.	140.	<0.06 U
Hexachlorobutadiene	µg/L	--	--	<0.07 U
Isopropylbenzene	µg/L	--	--	<0.05 U
m & p-Xylene	µg/L	2000.	400.	<0.12 U
Methyl tert-butyl ether	µg/L	60.	12.	1.
Methylene chloride	µg/L	5.	0.5	<0.06 U
Naphthalene	µg/L	100.	10.	<0.05 U
n-Butylbenzene	µg/L	--	--	<0.05 U
n-Propylbenzene	µg/L	--	--	<0.05 U
o-Xylene	µg/L	2000.	400.	<0.05 U
p-Isopropyltoluene	µg/L	--	--	<0.06 U
sec-Butylbenzene	µg/L	--	--	<0.05 U
Styrene	µg/L	100.	10.	<0.05 U
tert-Butylbenzene	µg/L	--	--	<0.06 U
Tetrachloroethene	µg/L	5.	0.05	<0.06 U
Toluene	µg/L	800.	160.	<0.06 U
trans-1,2-Dichloroethene	µg/L	100.	20.	0.13 J
Trichloroethene	µg/L	5.	0.5	<0.03 U
Vinyl chloride	µg/L	0.2	0.02	0.04 J

Table 4. Residential Wells Groundwater Sample Results

Notes:

mg/L: milligrams per liter

umhos/cm: micromhos per centimeter

deg-C: degrees Celsius

ntu: nephelometric turbidity units

µg/L: micrograms per liter

NR140 ES: Chapter NR140 Wisconsin Administrative Enforcement Standard

NR140 PAL: Chapter NR140 Wisconsin Administrative Code Preventive Action Limit

Laboratory Quality Control Qualifiers

B: Analyte detected in the associated Method Blank.

J: Estimated value.

M: Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.

U: Analyte concentration was below detection limit.

Y: Replicate/Duplicate precision outside acceptance limits.

Z: Specified calibration criteria was not met.

Table 5. Natural Biodegradation Potential Scores For May 2015 and May 2016 Sampling Event OECl Superfund Site Monitoring Wells Groundwater Samples

Well ID	Well Type	Biodegradation Potential Scores	
		May 2015 Sampling Event	May 2016 Sampling Event
MW-1S	WT	4.	8.
MW-1D	BR	14.	11.
MW-2D	BR	0.	8.
MW-3D	BR	8.	9.
MW-4S	WT	3.	6.
MW-5D	MID	10.	10.
MW-9S	WT	4.	6.
MW-12S	WT	8.	8.
MW-12D	MID	12.	12.
MW-12B	BR	-3.	0.
MW-13S	WT	-1.	3.
MW-13D	MID	10.	10.
MW-15S	WT	-1.	4.
MW-15D	MID	6.	5.
MW-15B	BR	10.	12.
MW-16S	WT	7.	12.
MW-101S	WT	-3.	2.
MW-101B	BR	7.	7.
MW-102S	WT	-3.	-3.
MW-102D	MID	8.	13.
MW-103S	WT	7.	5.
MW-103D	MID	7.	9.
MW-105S	WT	13.	13.
MW-105D	MID	13.	13.
MW-105B	BR	4.	8.
TW-202I	MID	2.	- 1.
OW-6	BR	10.	1.
MW-14DR	MID	5.	- 3.

Total Points	Interpretation
0-5	Inadequate evidence for biodegradation.
6-14	Limited evidence for biodegradation.
15-20	Adequate evidence for biodegradation.
>20	Strong evidence for biodegradation of chlorinated solvents.

Notes:

WT = Water table (shallow) monitoring well

MID = Mid-depth unconsolidated deposits monitoring well

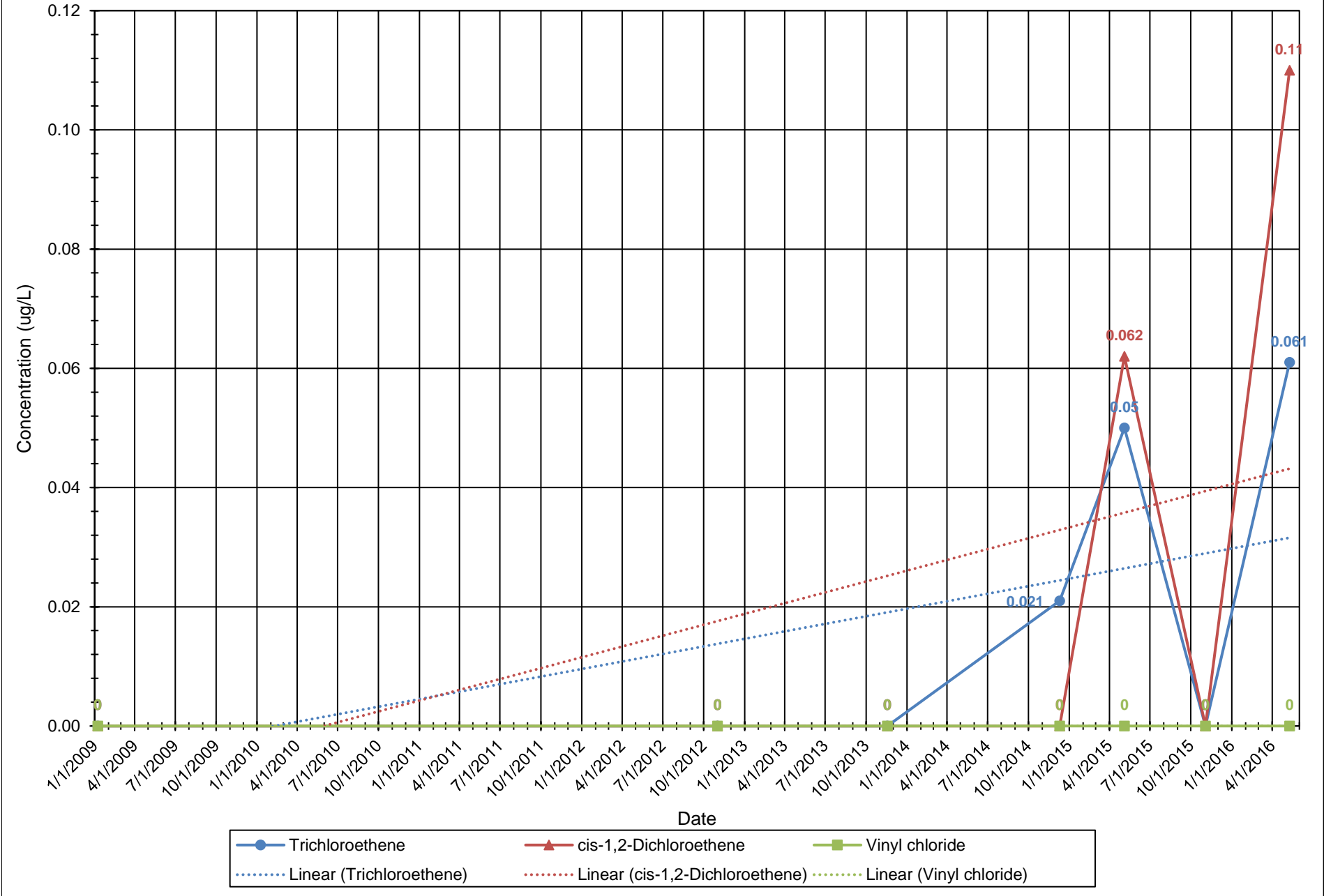
BR = Bedrock monitoring well

Alkalinity and chloride concentrations from monitoring well MW-102S used as background values.

Scoring system and interpretation from: Chlorinated Solvents in Groundwater, June 2006, Minnesota Pollution Control Agency Site Remediation Section.

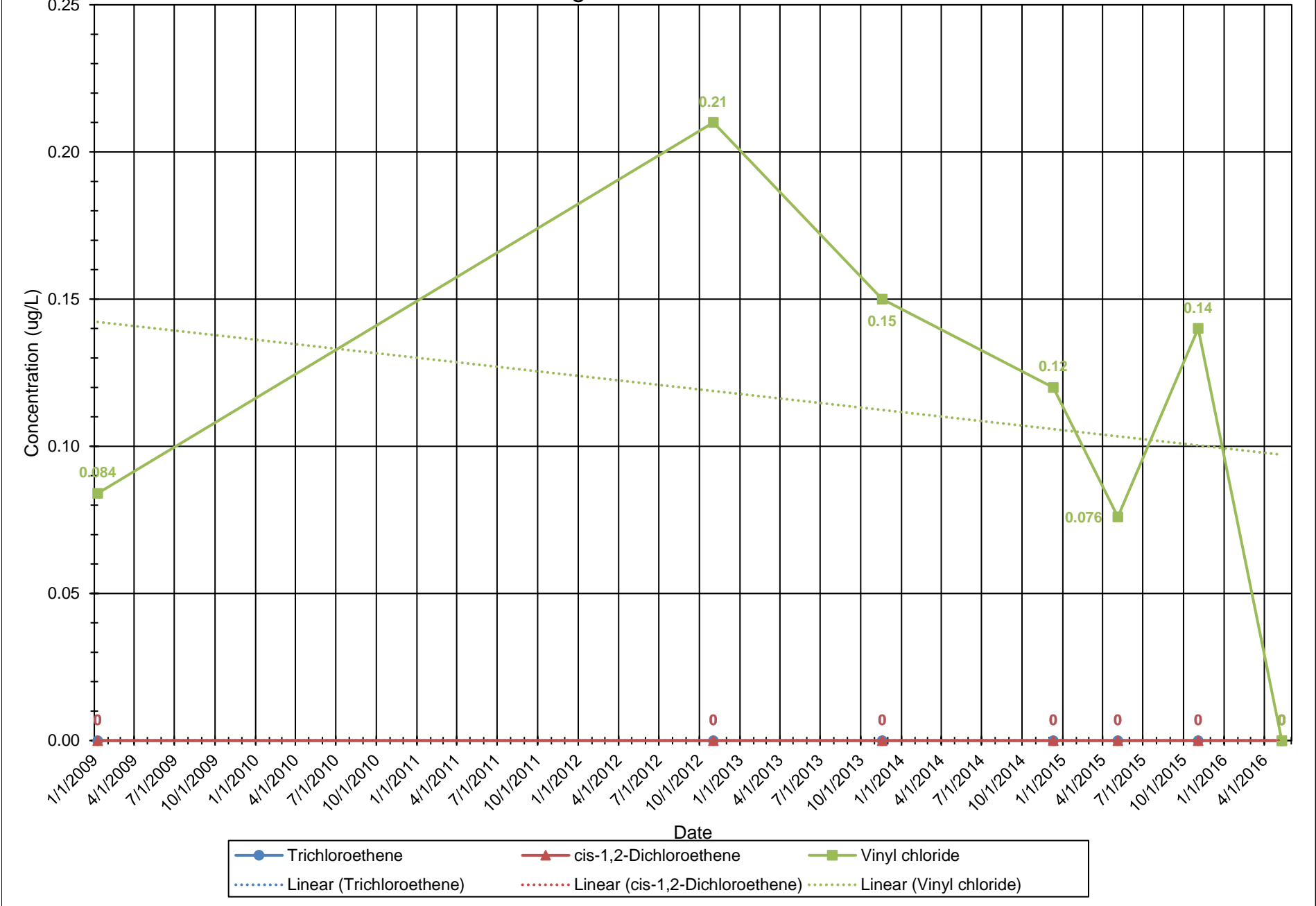
CHARTS

Chart 1. Monitoring Well MW-1S Time Series Chart



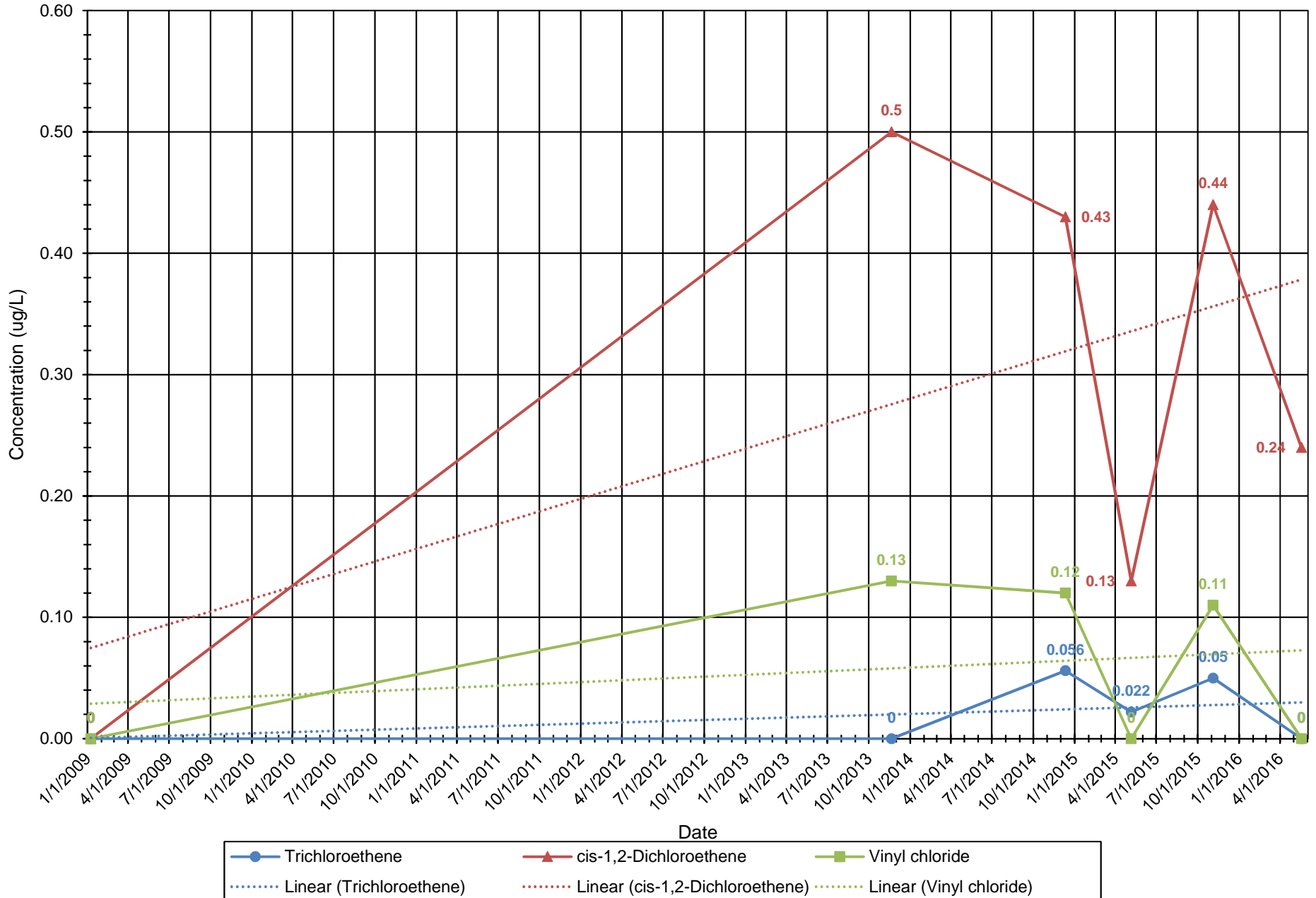
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 2. Monitoring Well MW-1D Time Series Chart



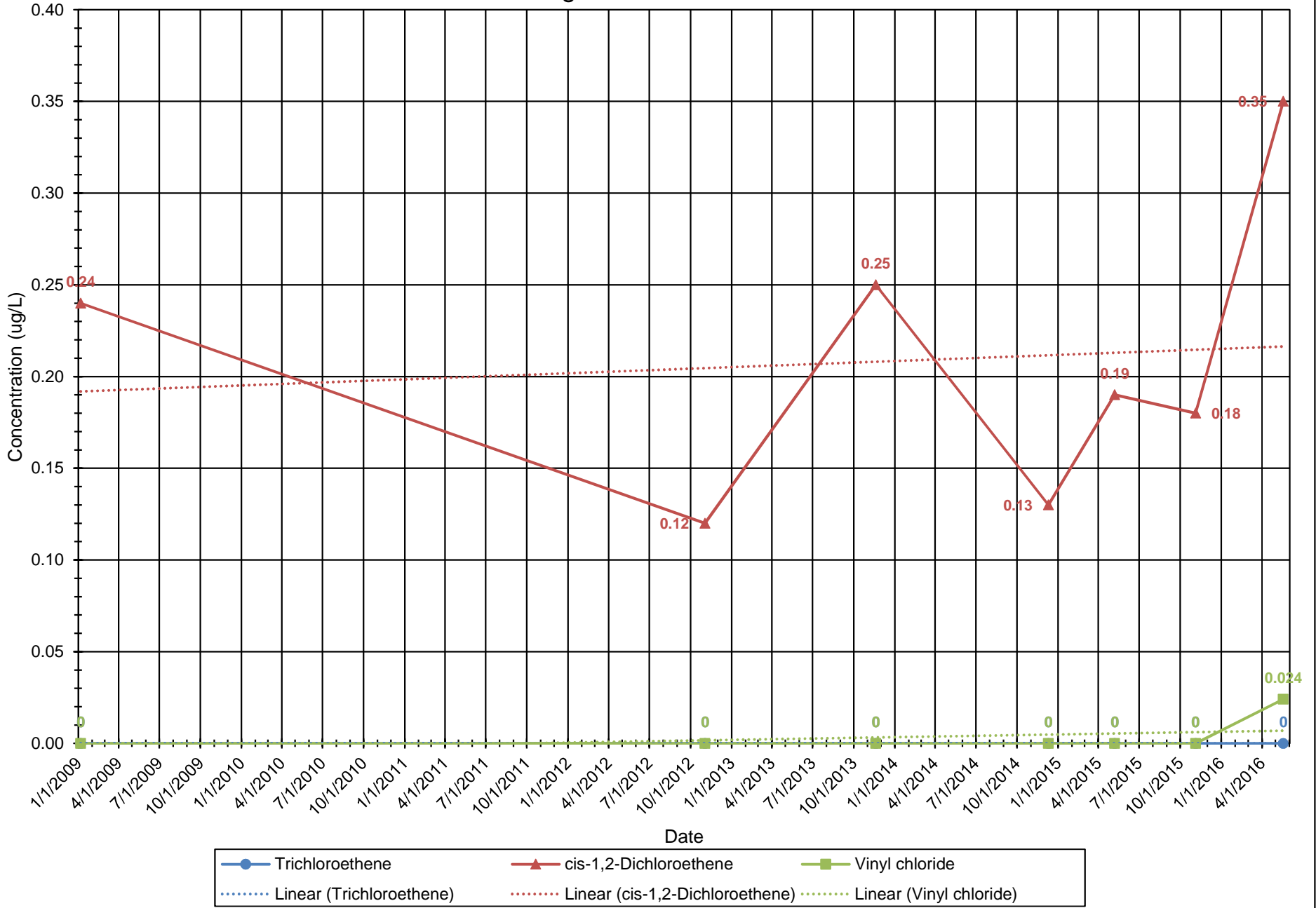
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 3. Monitoring Well MW-2D Time Series Chart



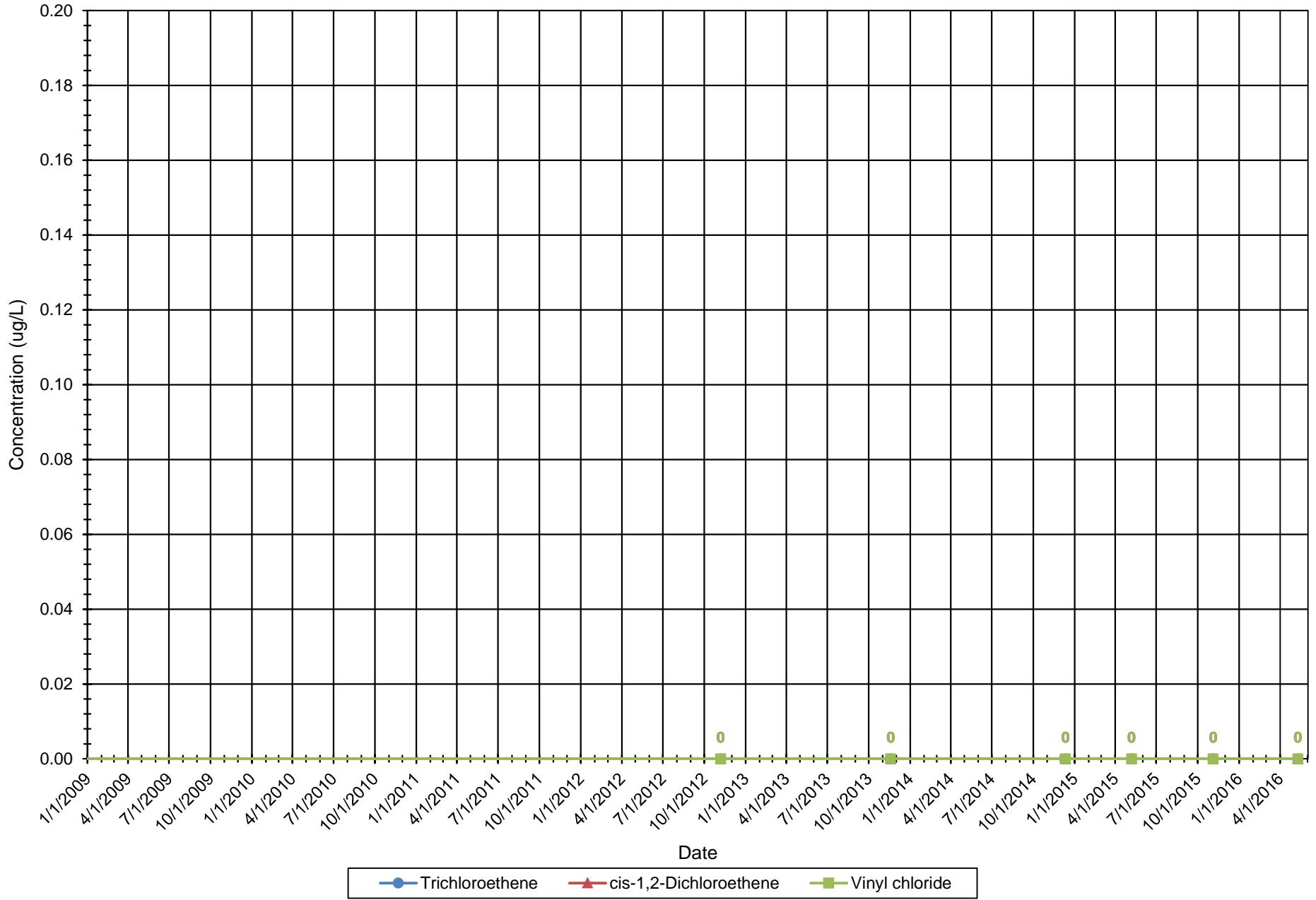
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 4. Monitoring Well MW-3D Time Series Chart



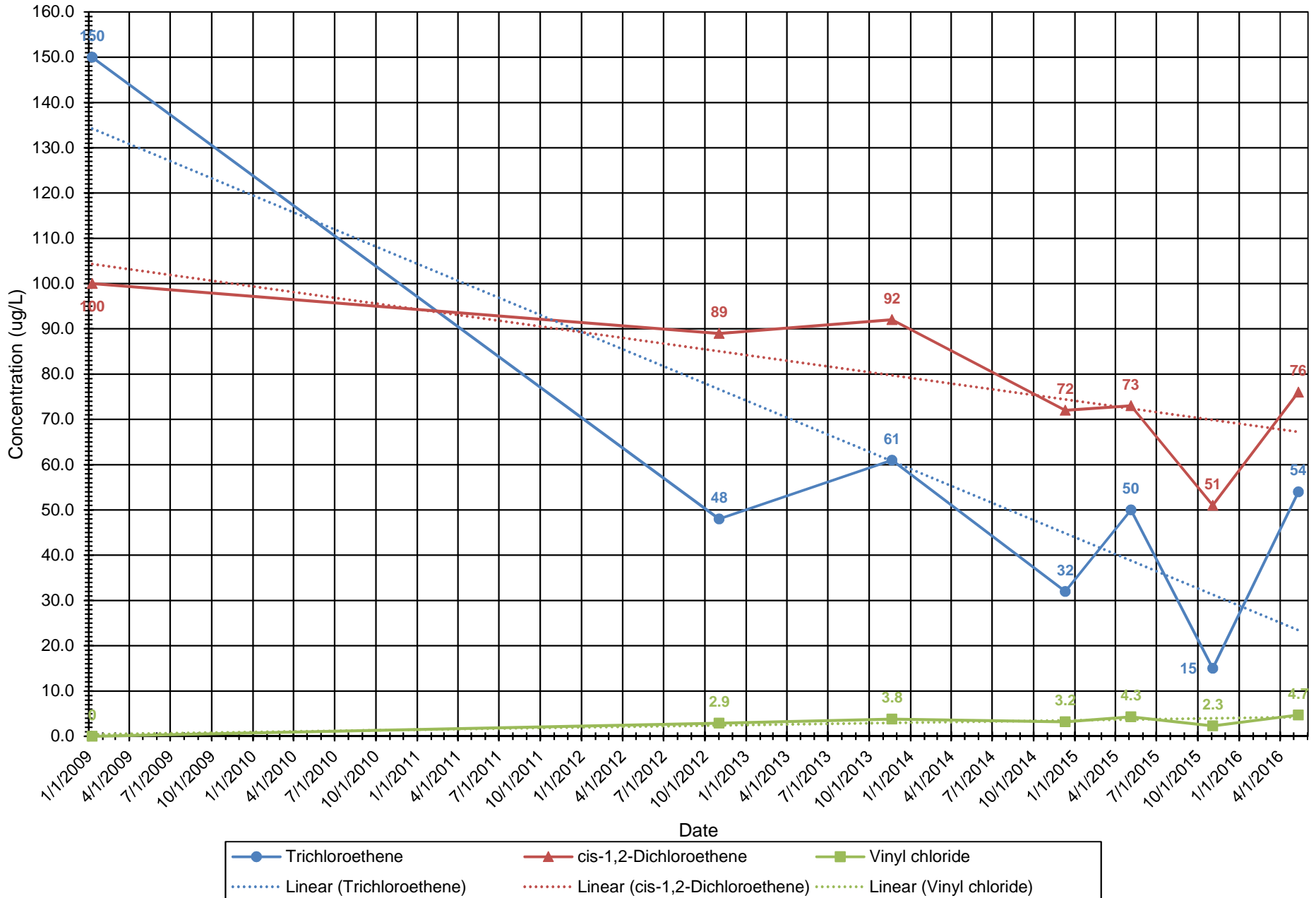
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 5. Monitoring Well MW-4S Time Series Chart



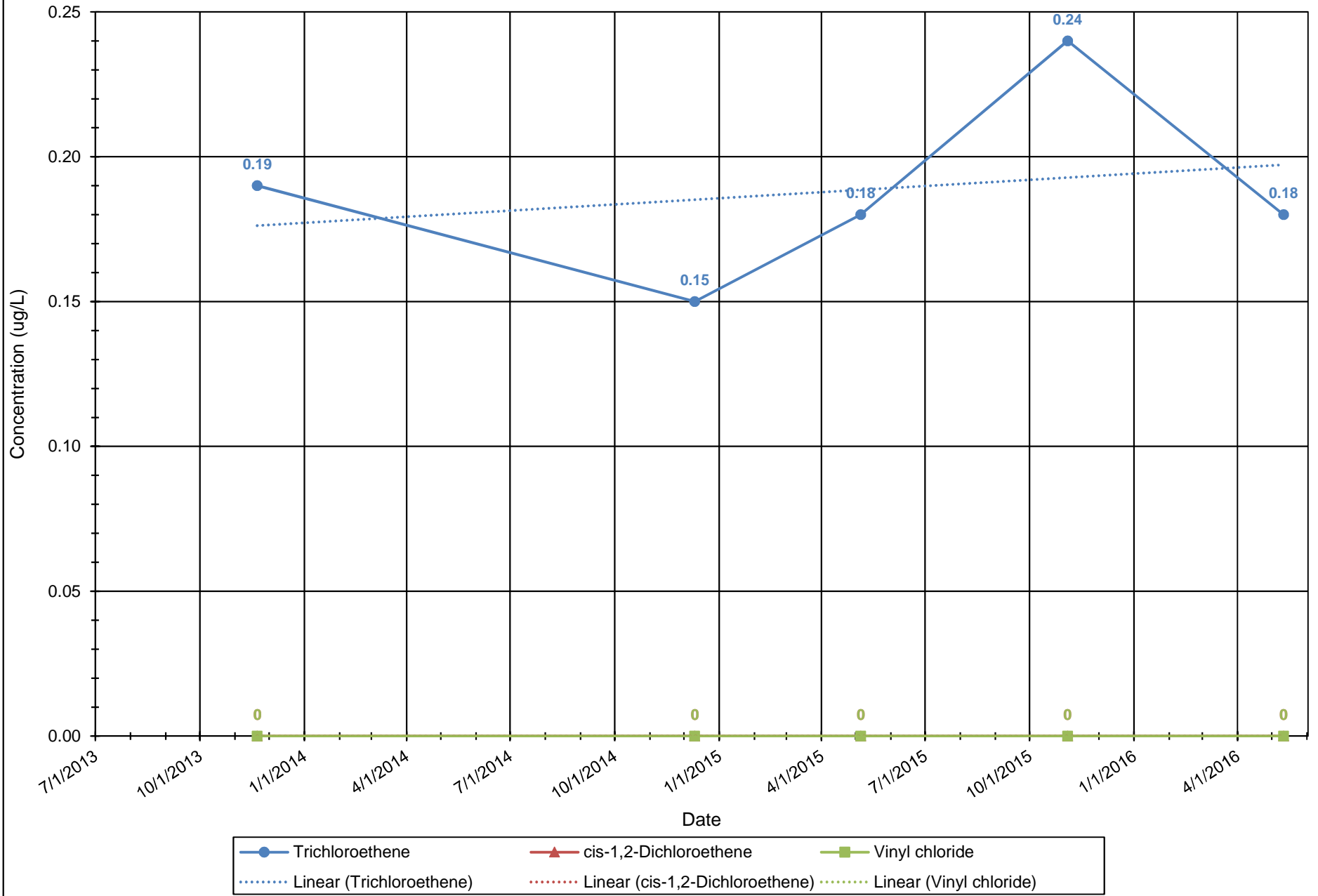
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 6. Monitoring Well MW-5D Time Series Chart



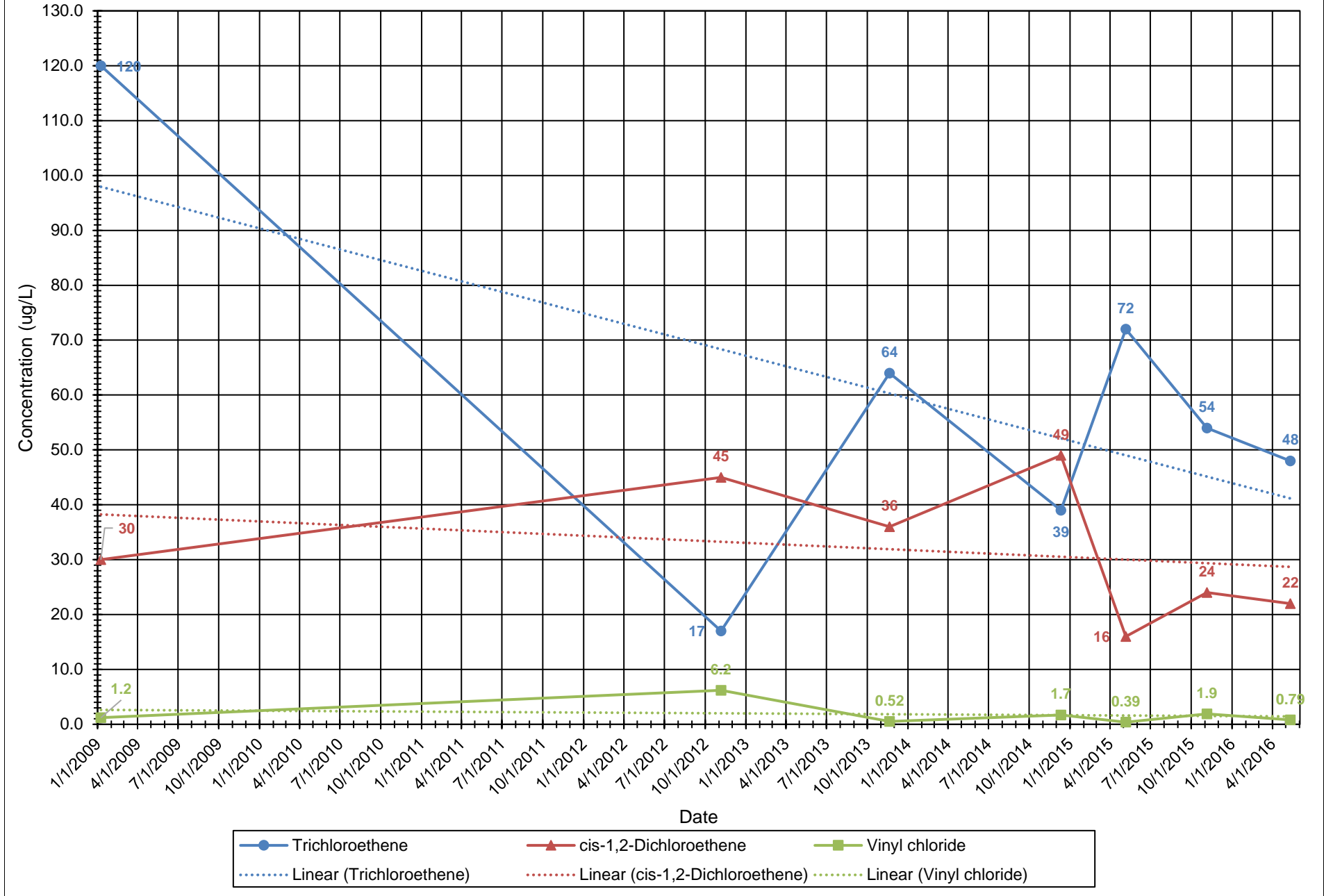
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 7. Monitoring Well MW-9S Time Series Chart



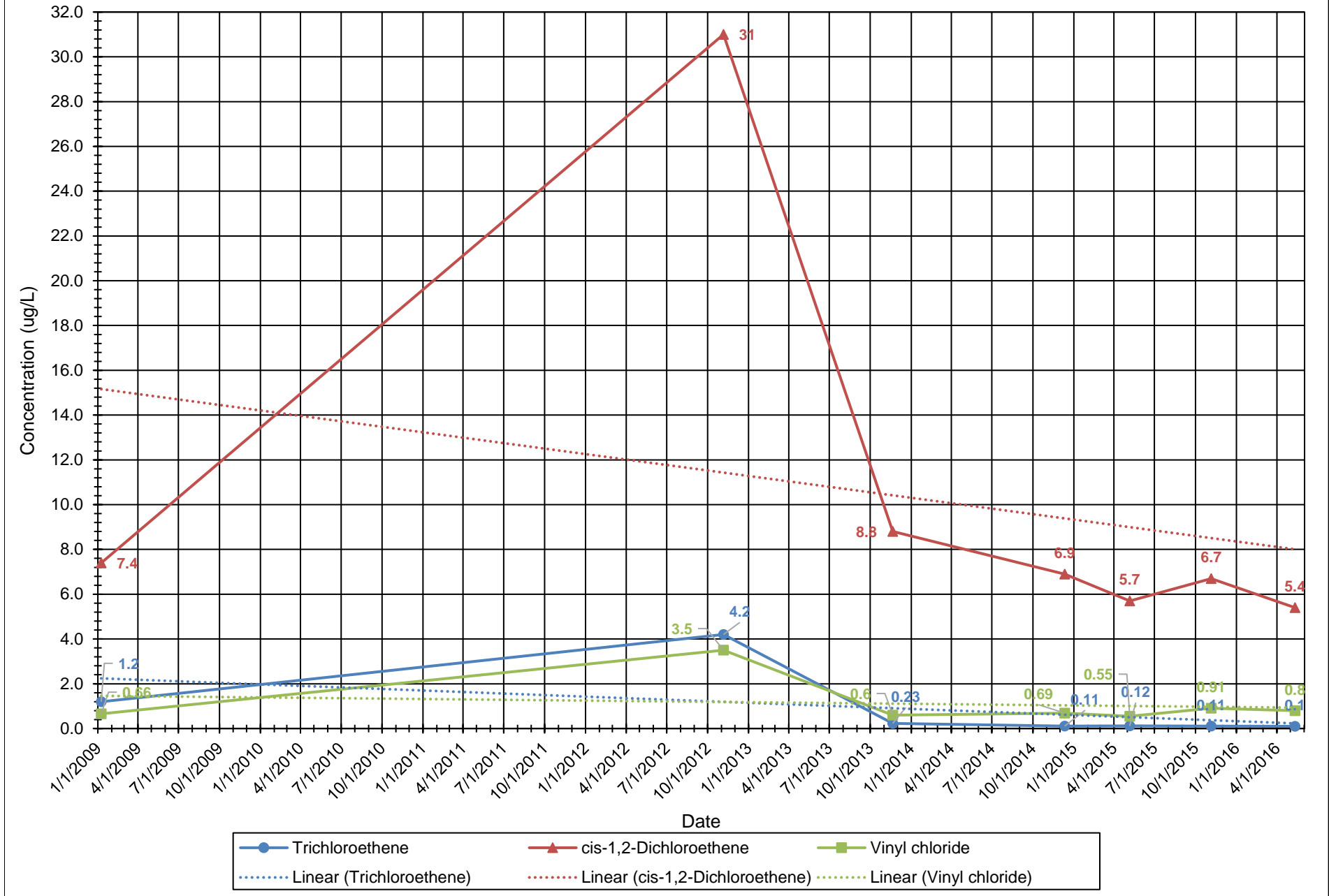
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 8. Monitoring Well MW-12S Time Series Chart



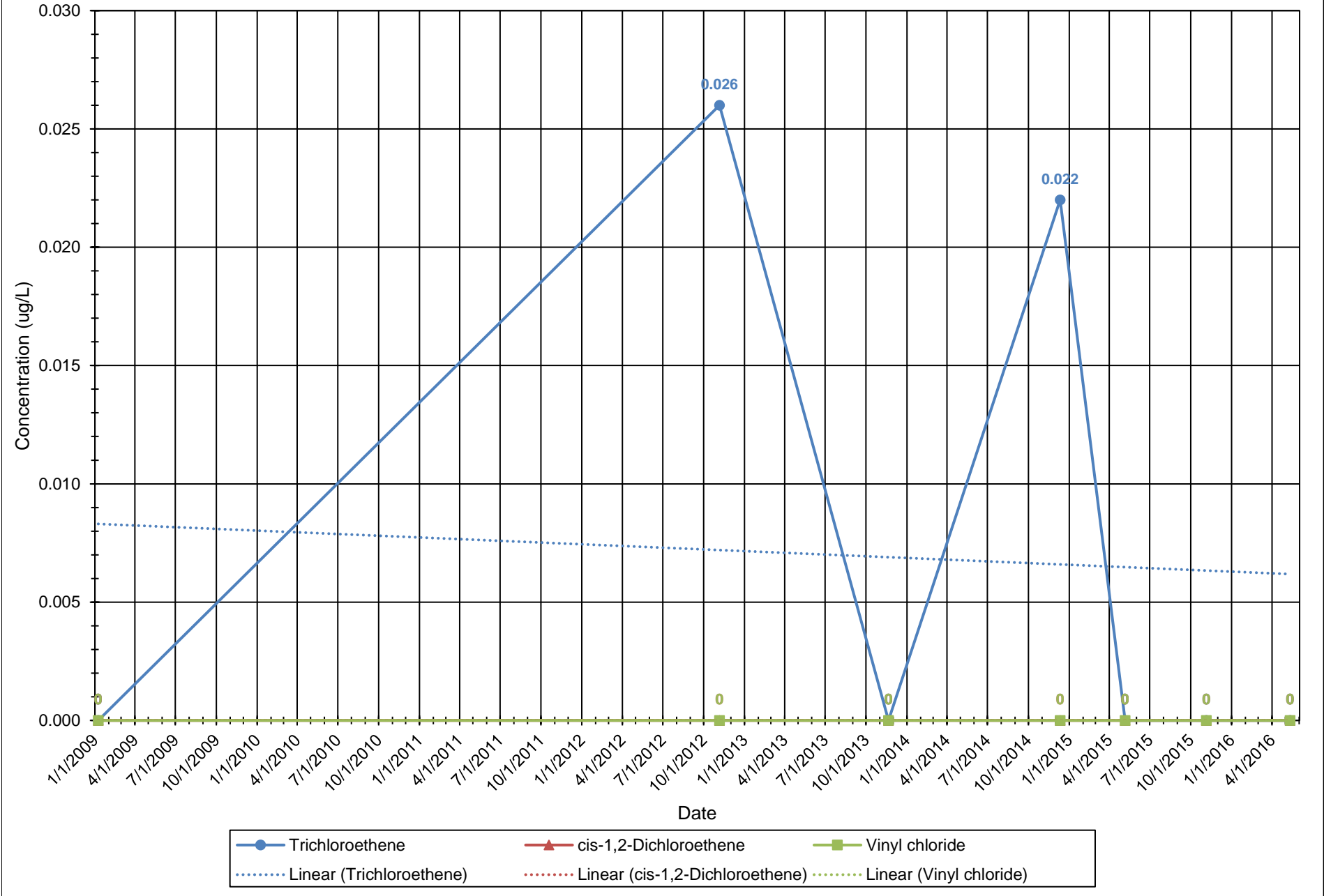
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 9. Monitoring Well MW-12D Time Series Chart



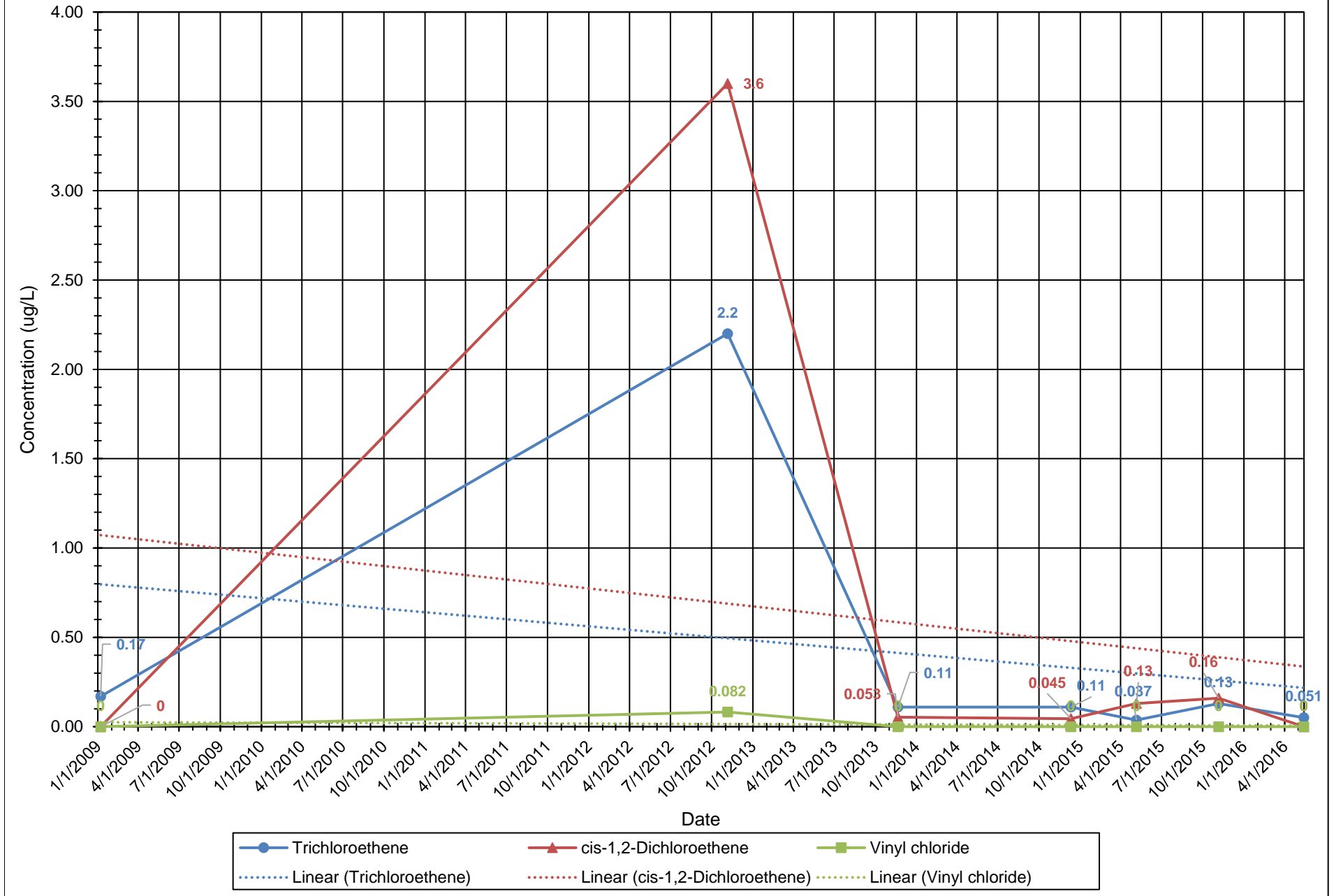
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 10. Monitoring Well MW-12B Time Series Chart



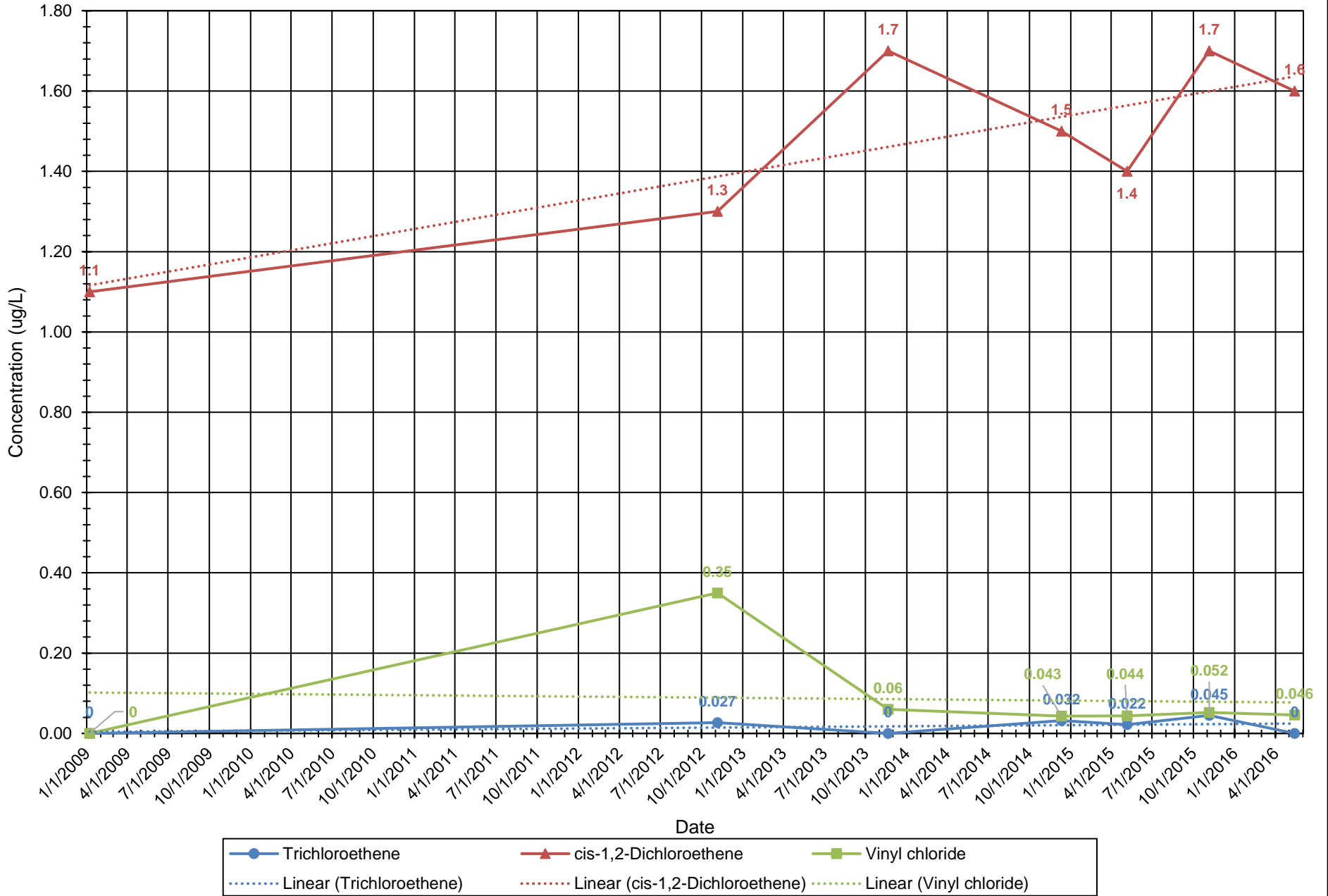
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 11. Monitoring Well MW-13S Time Series Chart



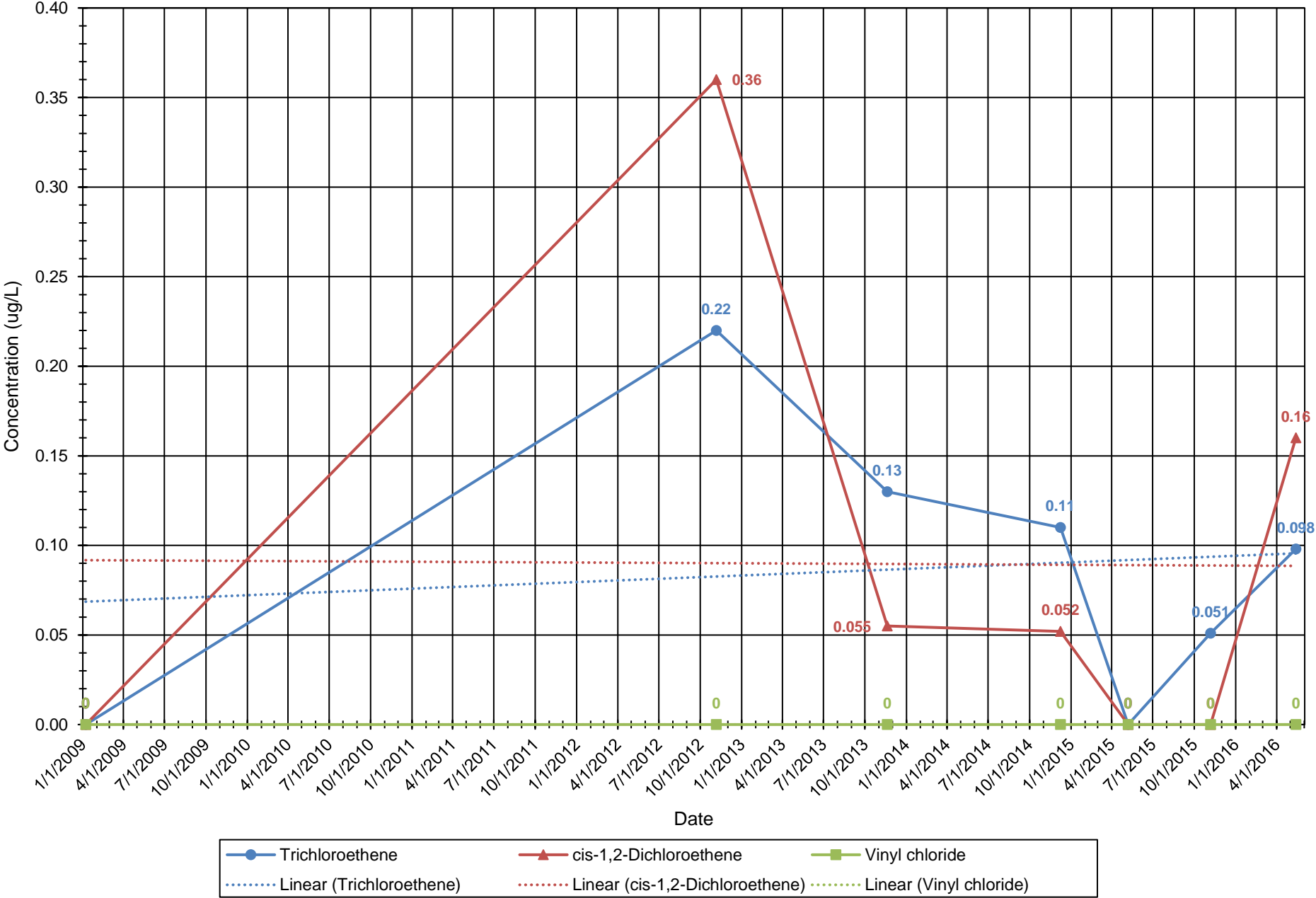
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 12. Monitoring Well MW-13D Time Series Chart



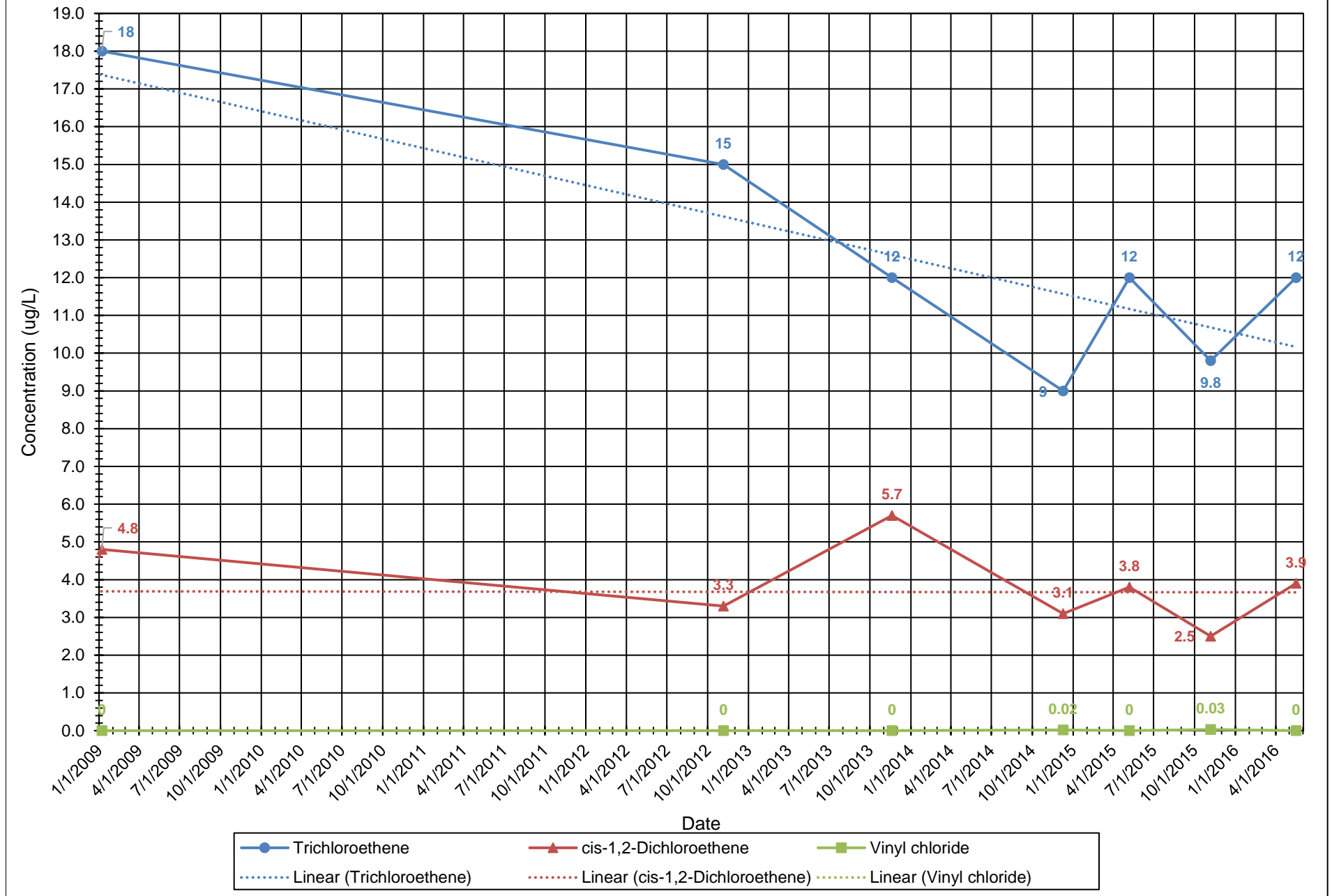
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 13. Monitoring Well MW-15S Time Series Chart



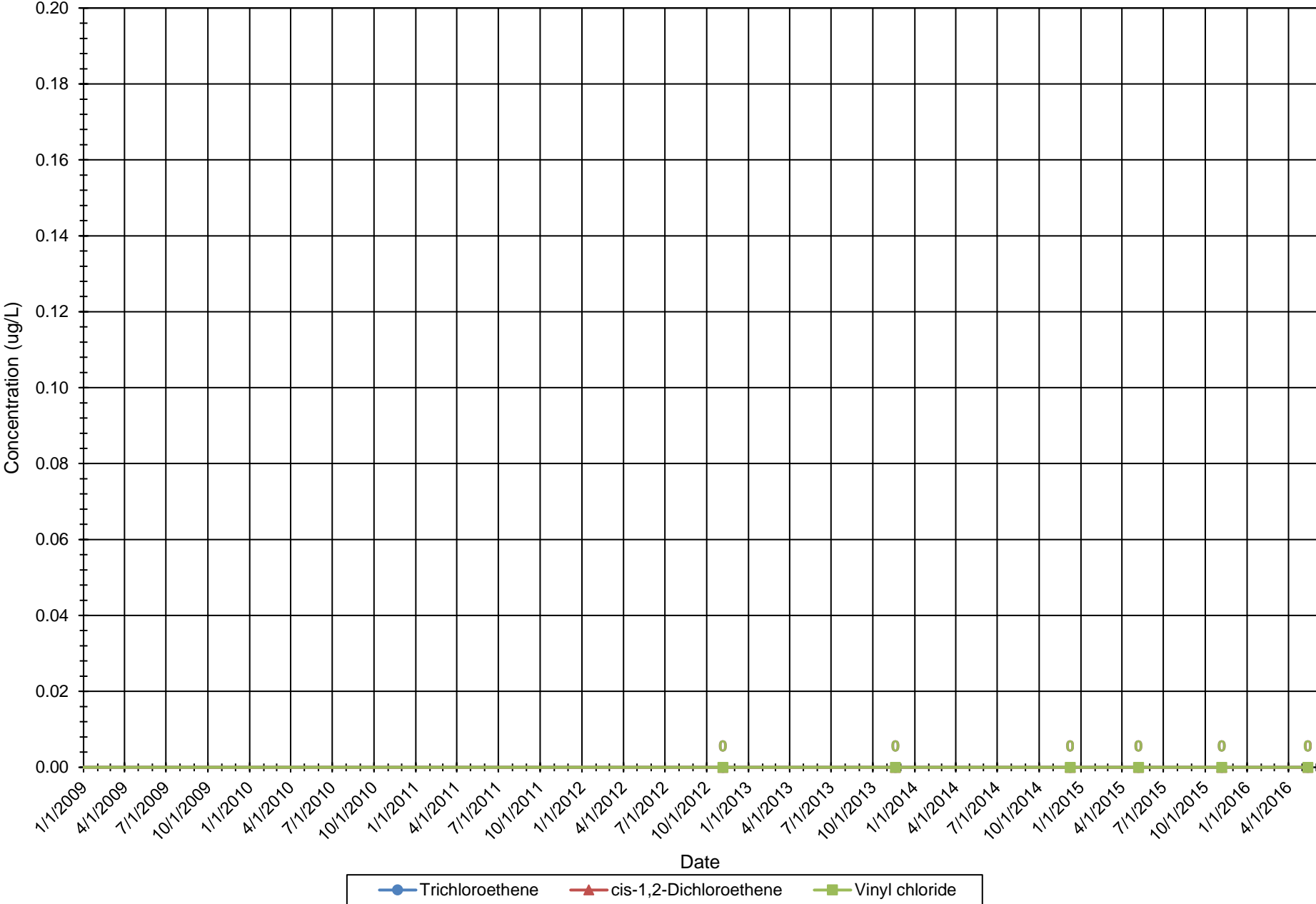
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 14. Monitoring Well MW-15D Time Series Chart



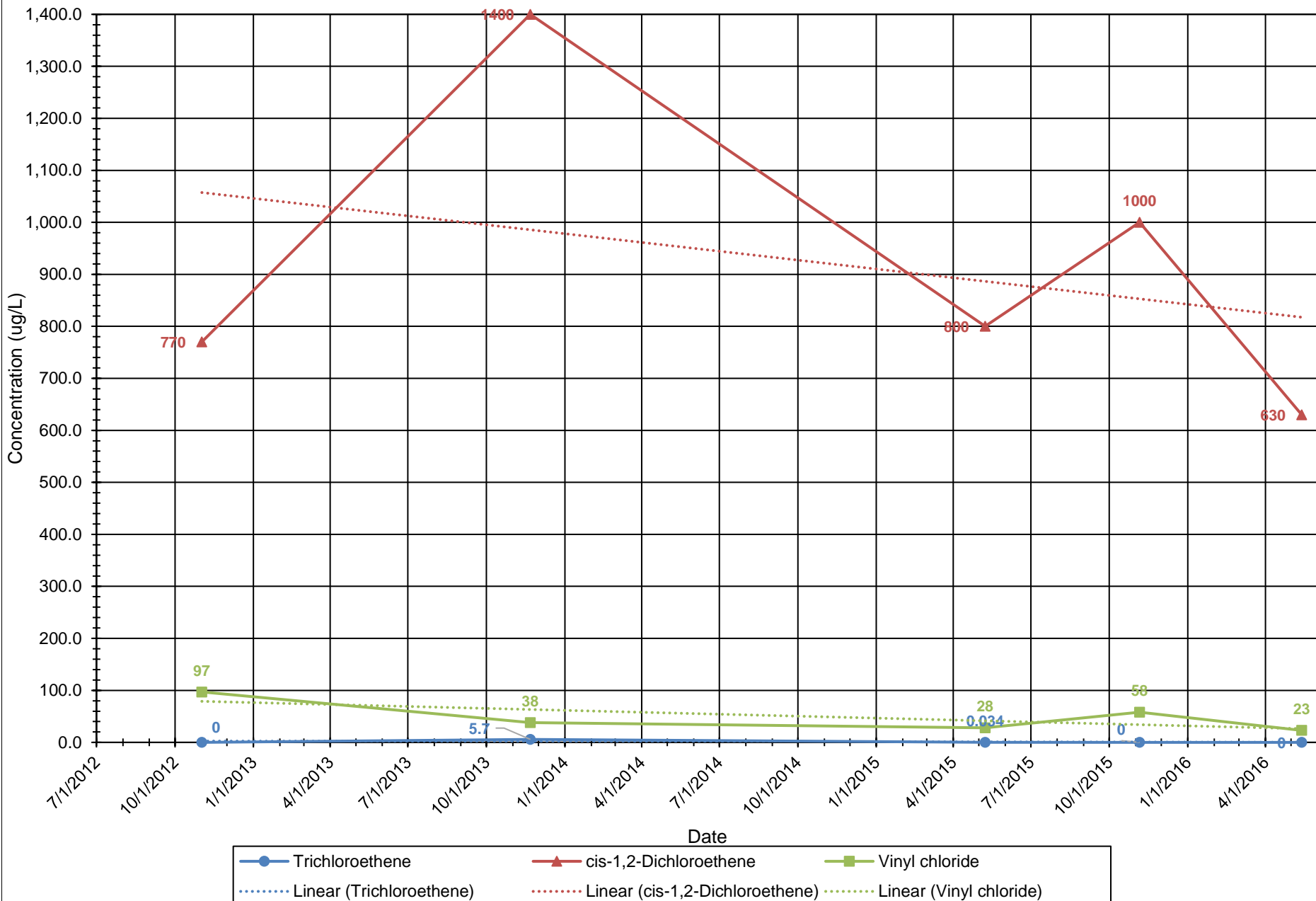
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 15. Monitoring Well MW-15B Time Series Chart



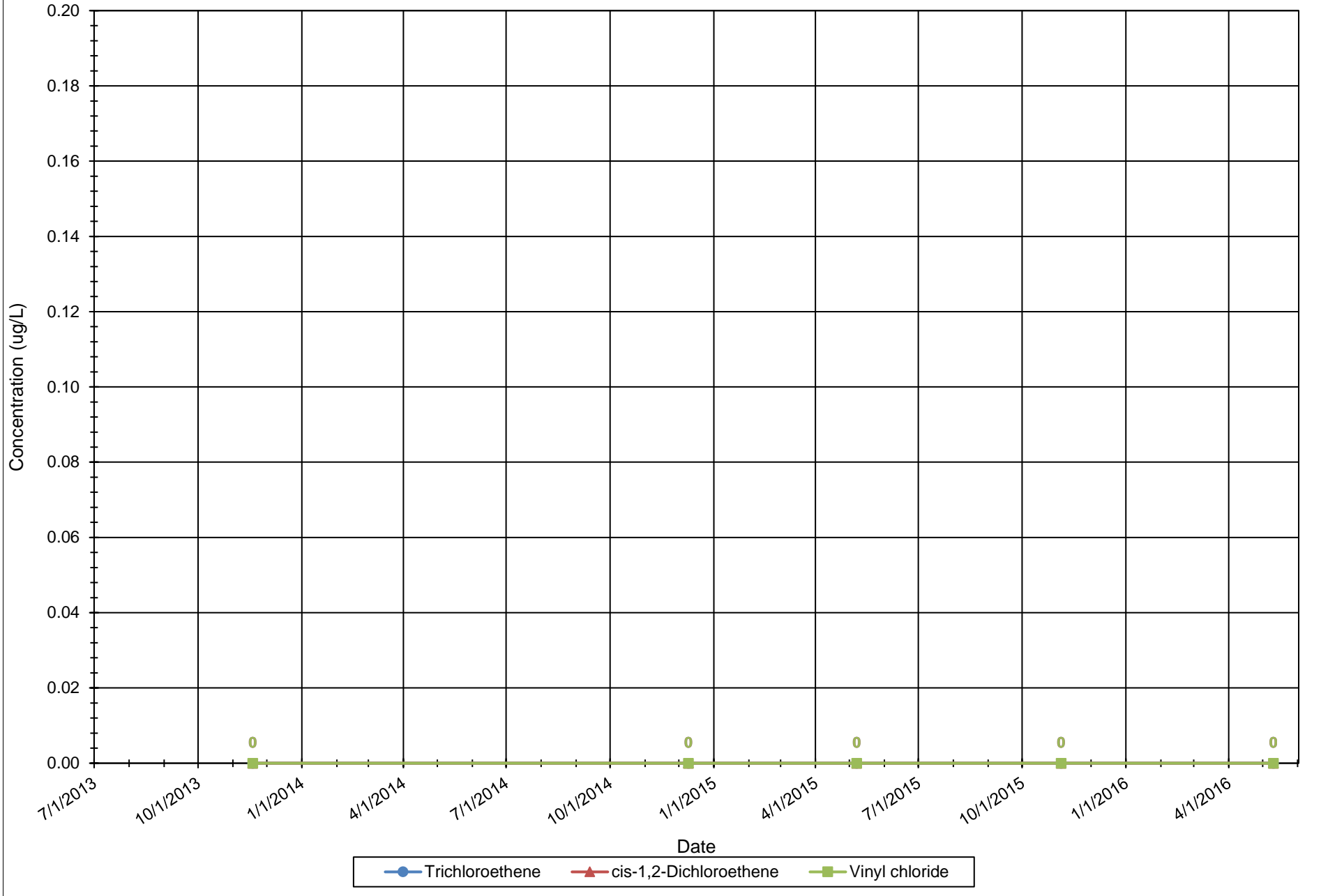
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 16. Monitoring Well MW-16S Time Series Chart



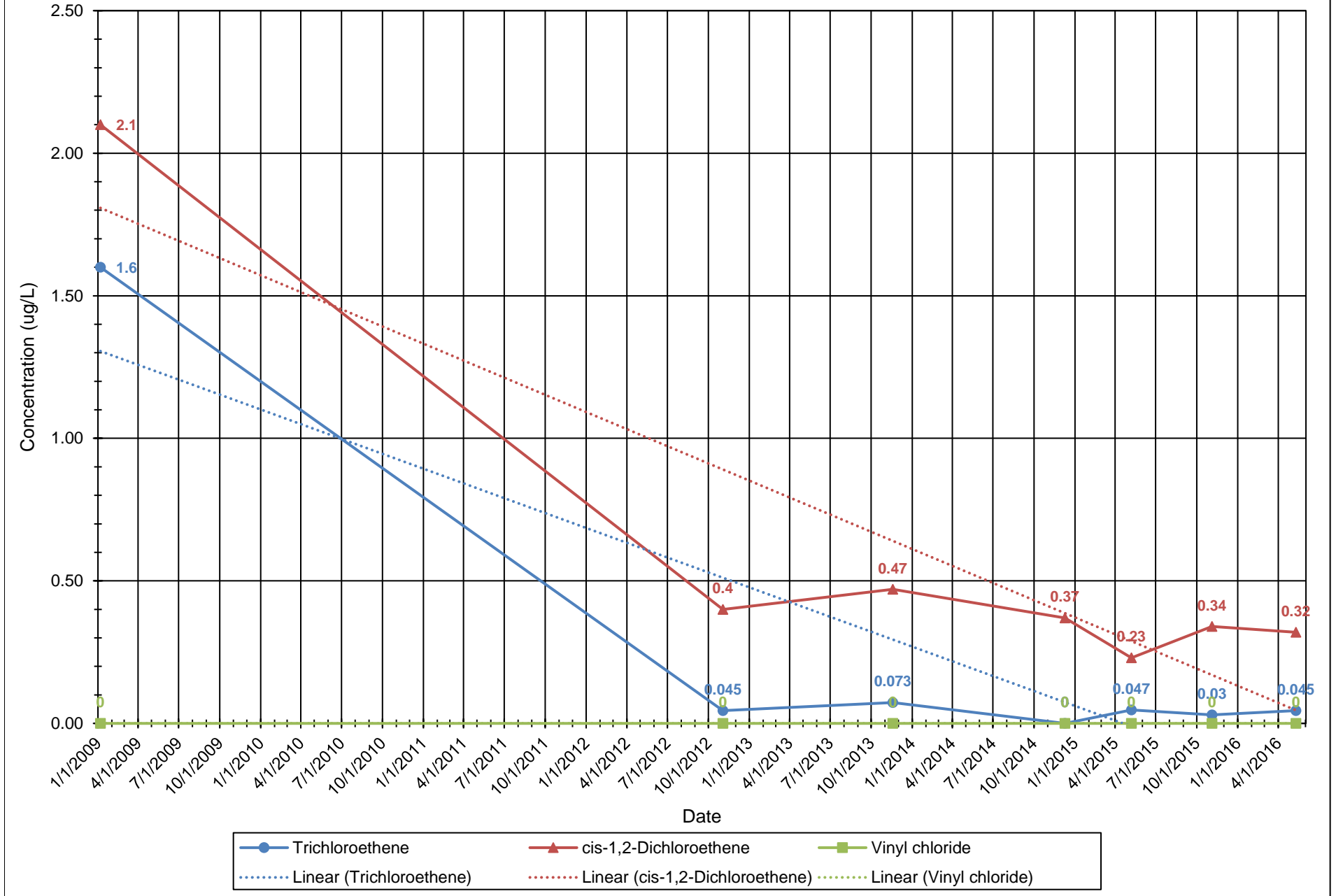
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 17. Monitoring Well MW-101S Time Series Chart



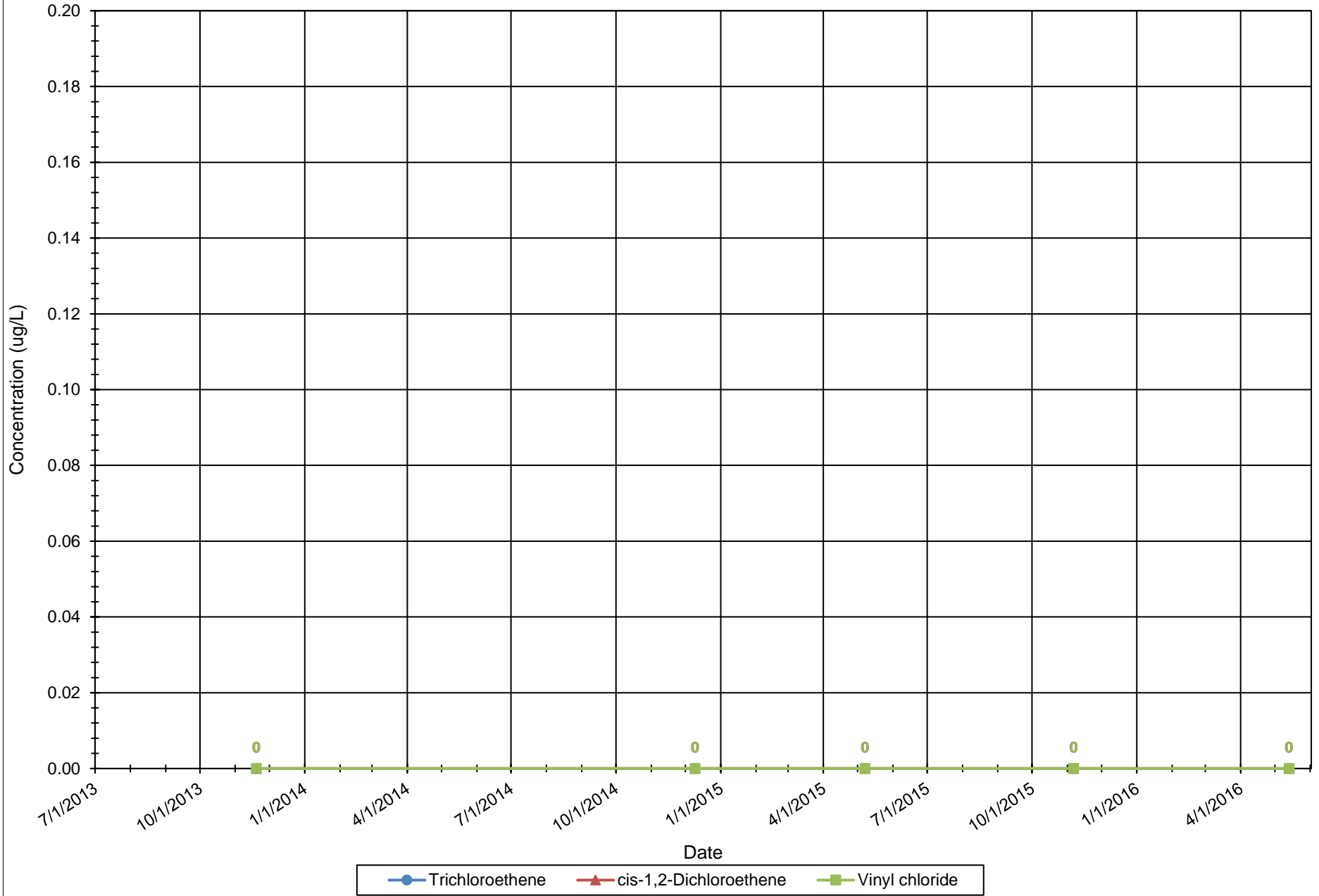
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 18. Monitoring Well MW-101B Time Series Chart



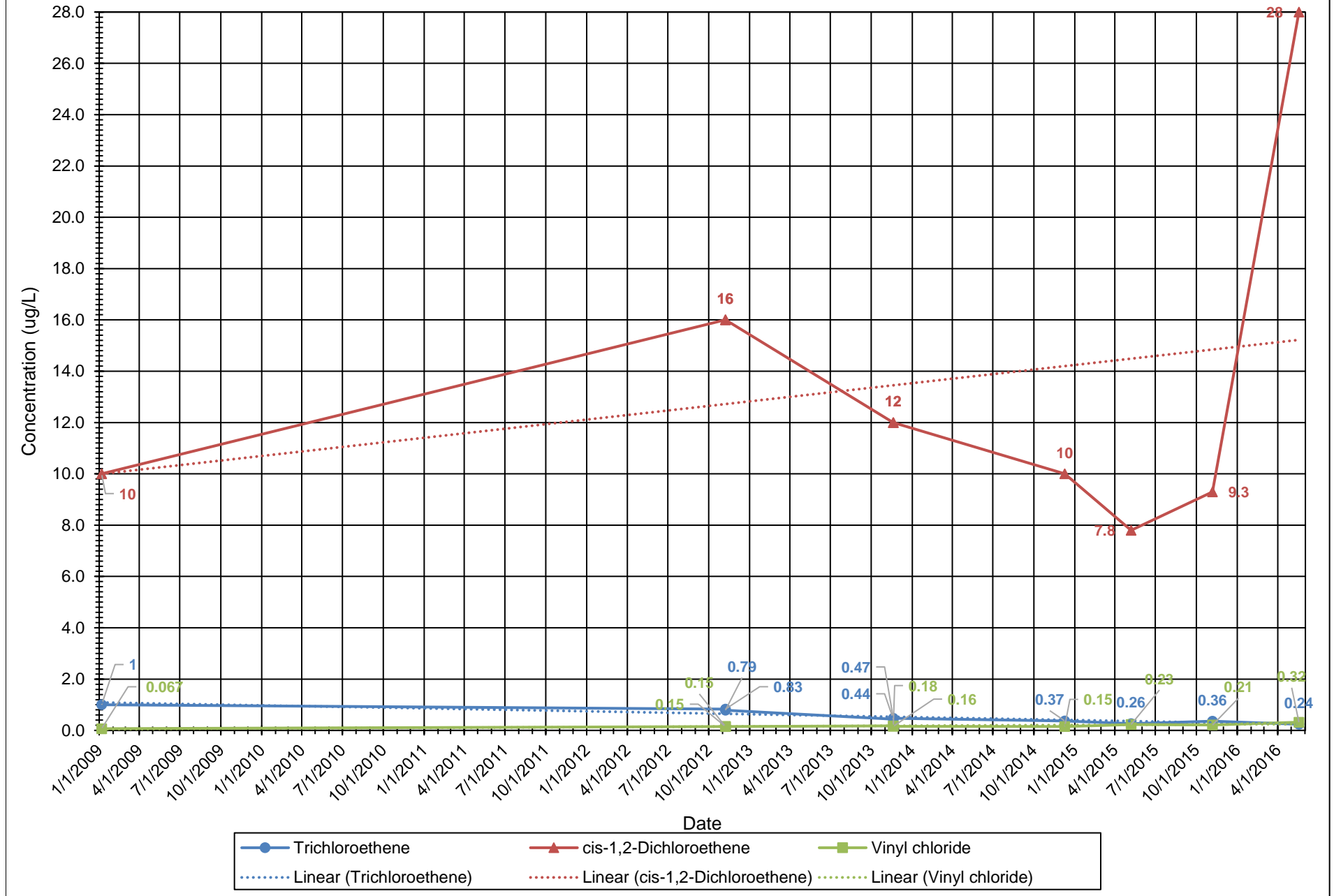
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 19. Monitoring Well MW-102S Time Series Chart



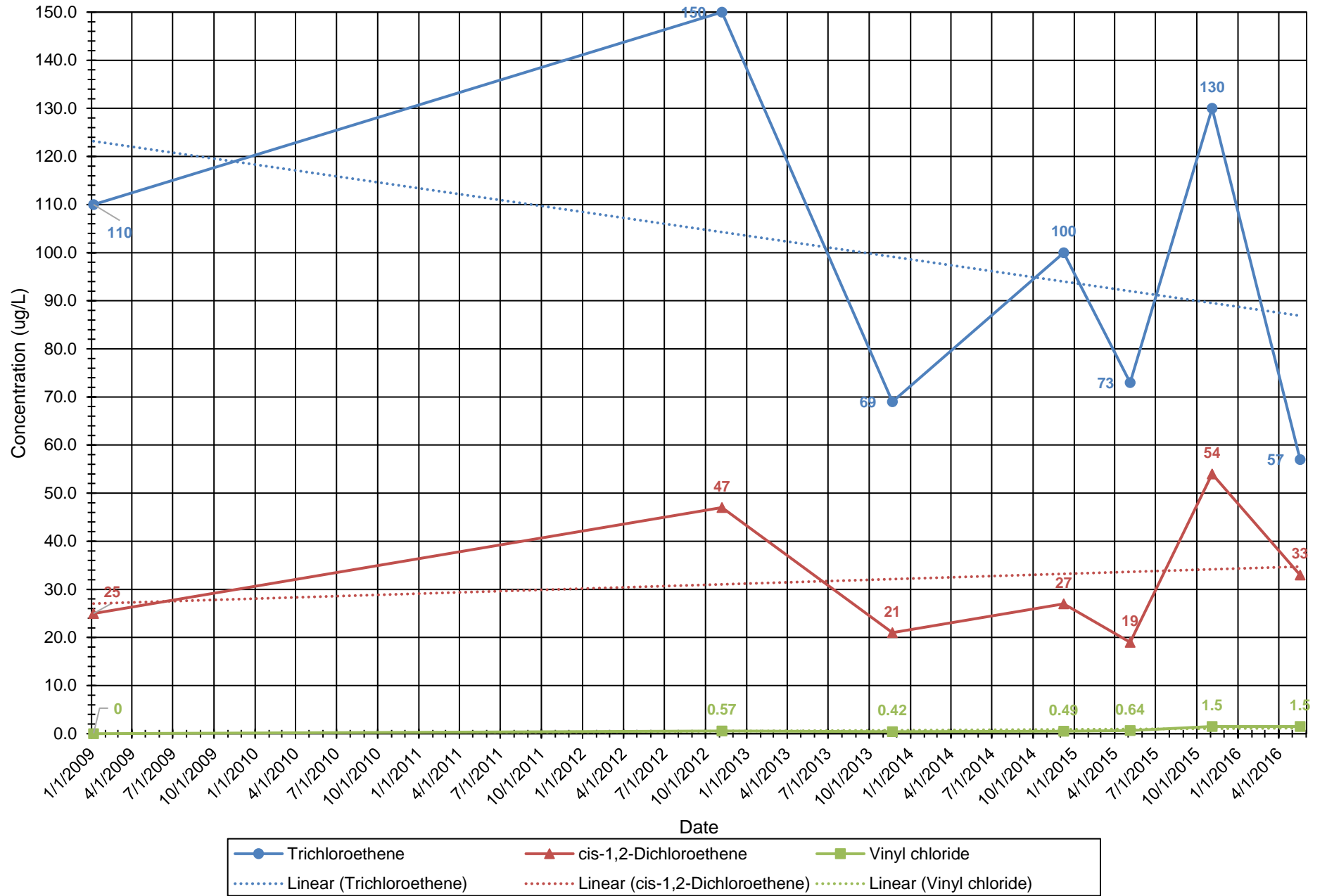
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 20. Monitoring Well MW-102D Time Series Chart



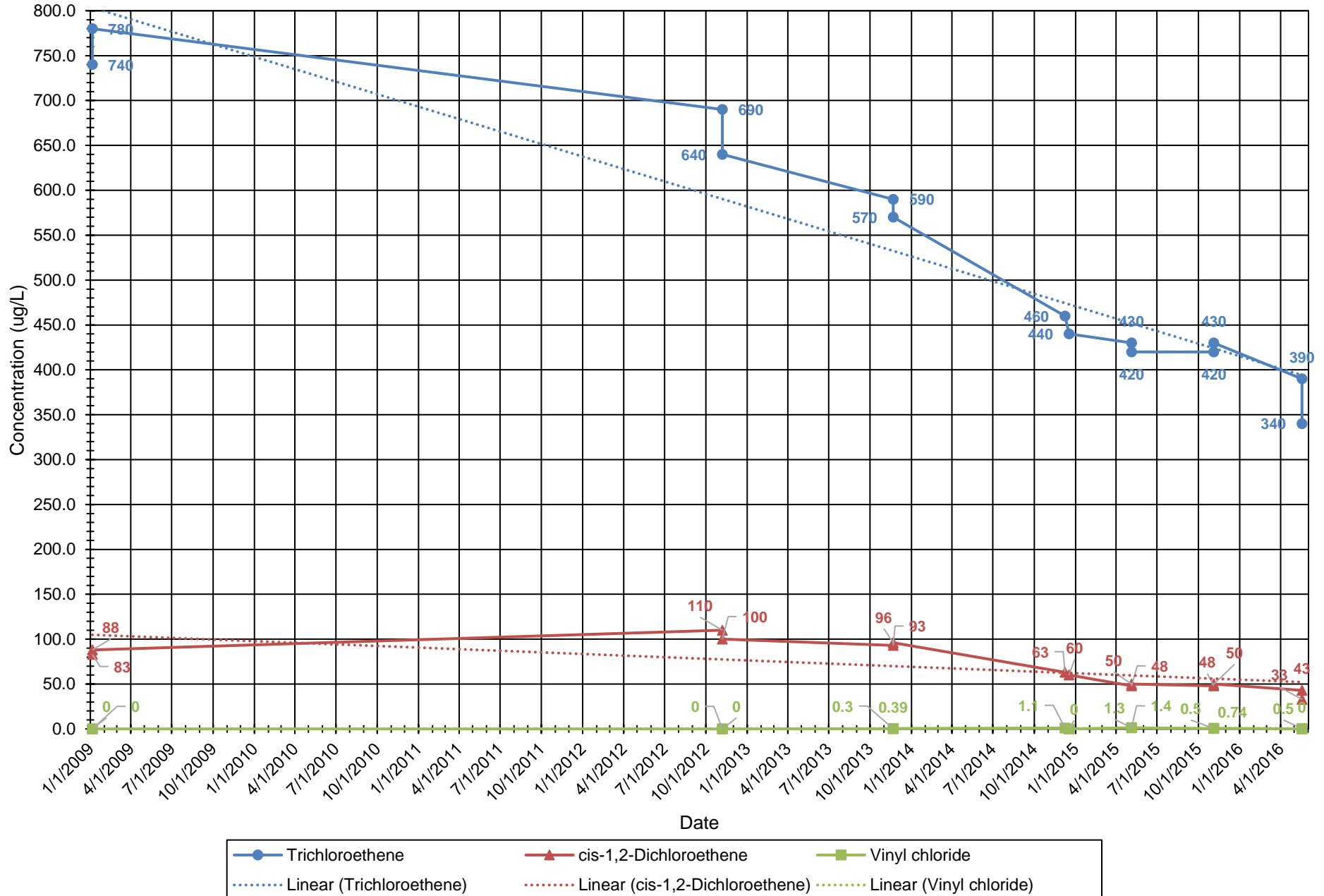
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 21. Monitoring Well MW-103S Time Series Chart



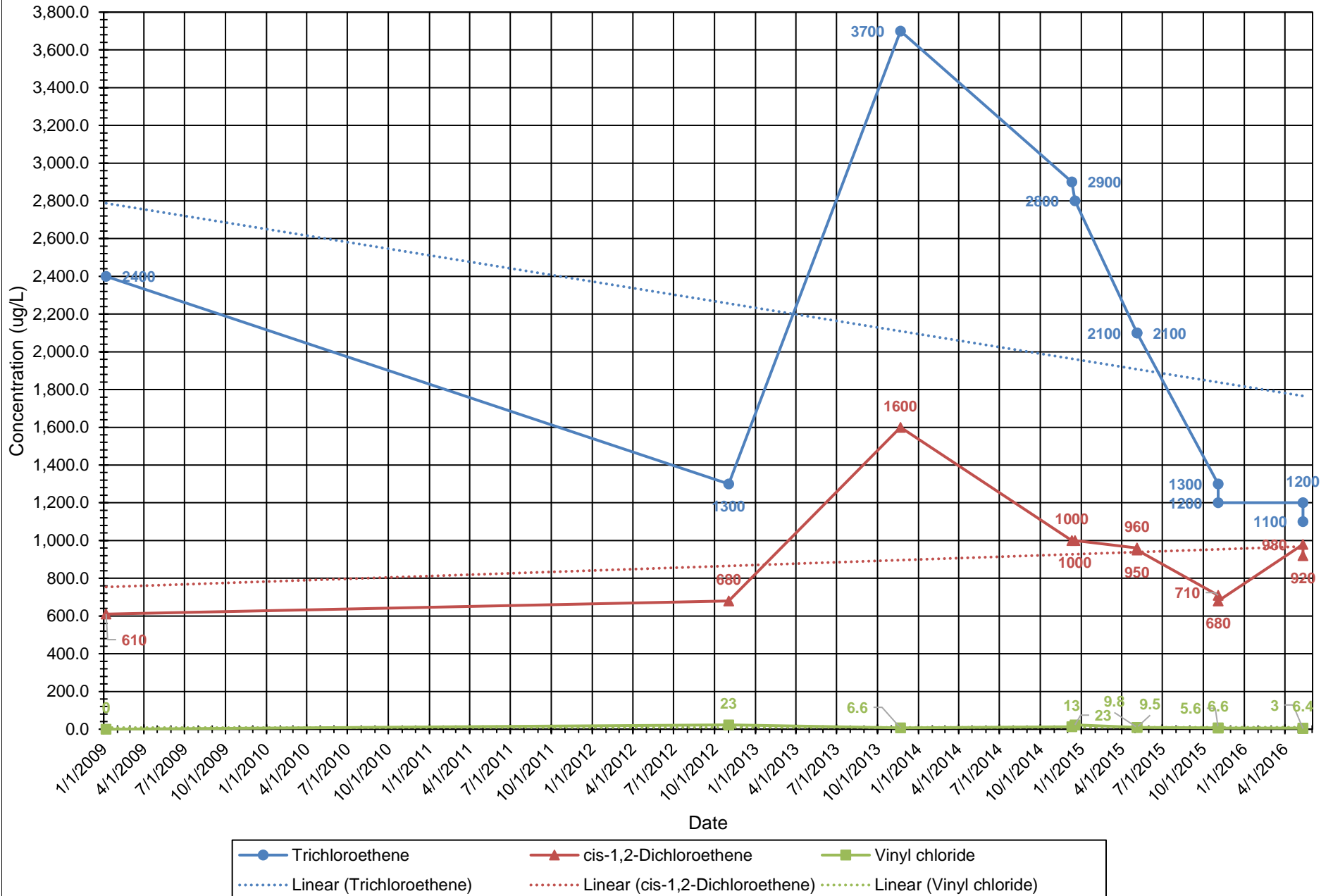
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 22. Monitoring Well MW-103D Time Series Chart



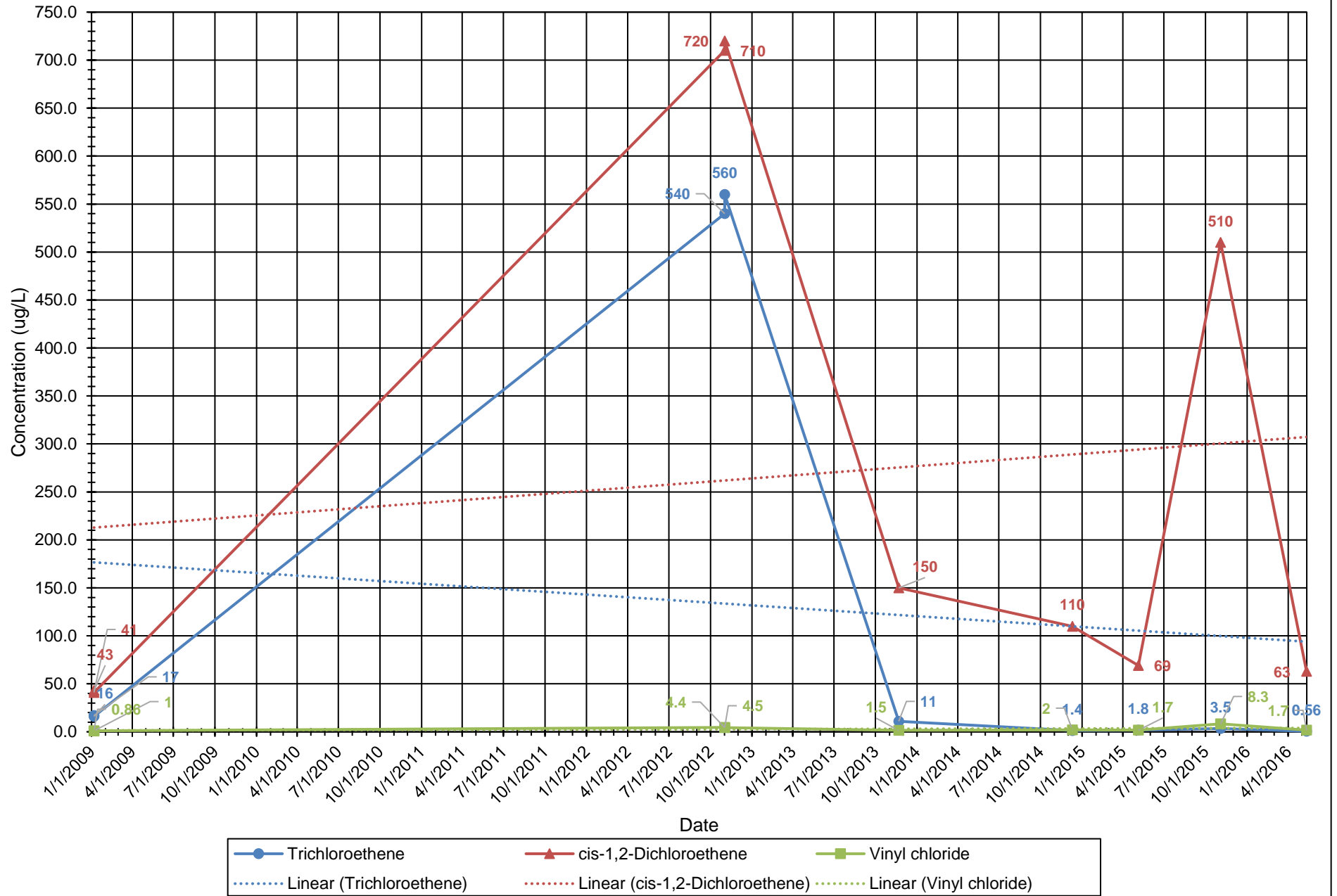
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 23. Monitoring Well MW-105S Time Series Chart



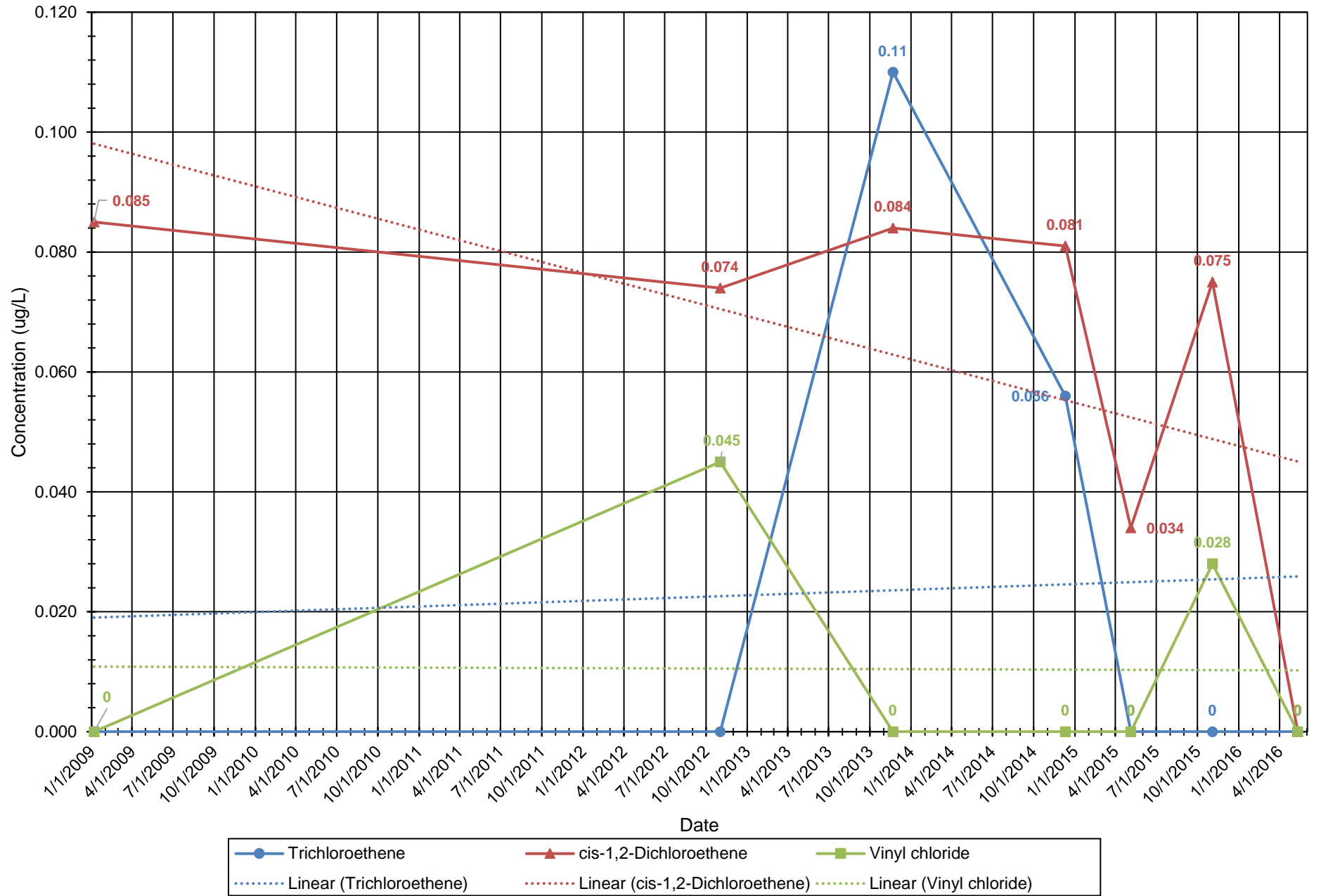
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 24. Monitoring Well MW-105D Time Series Chart



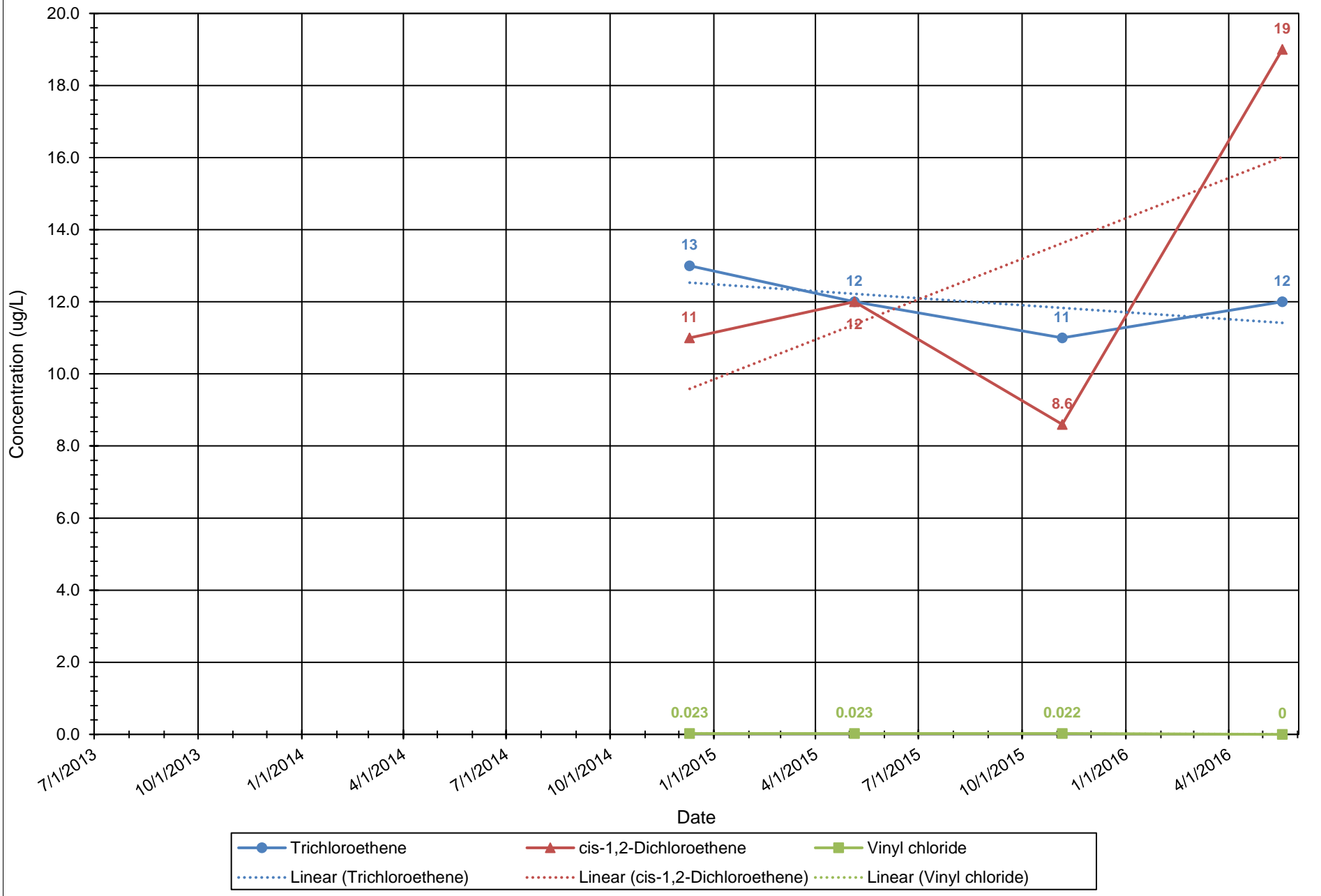
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 25. Monitoring Well MW-105B Time Series Chart



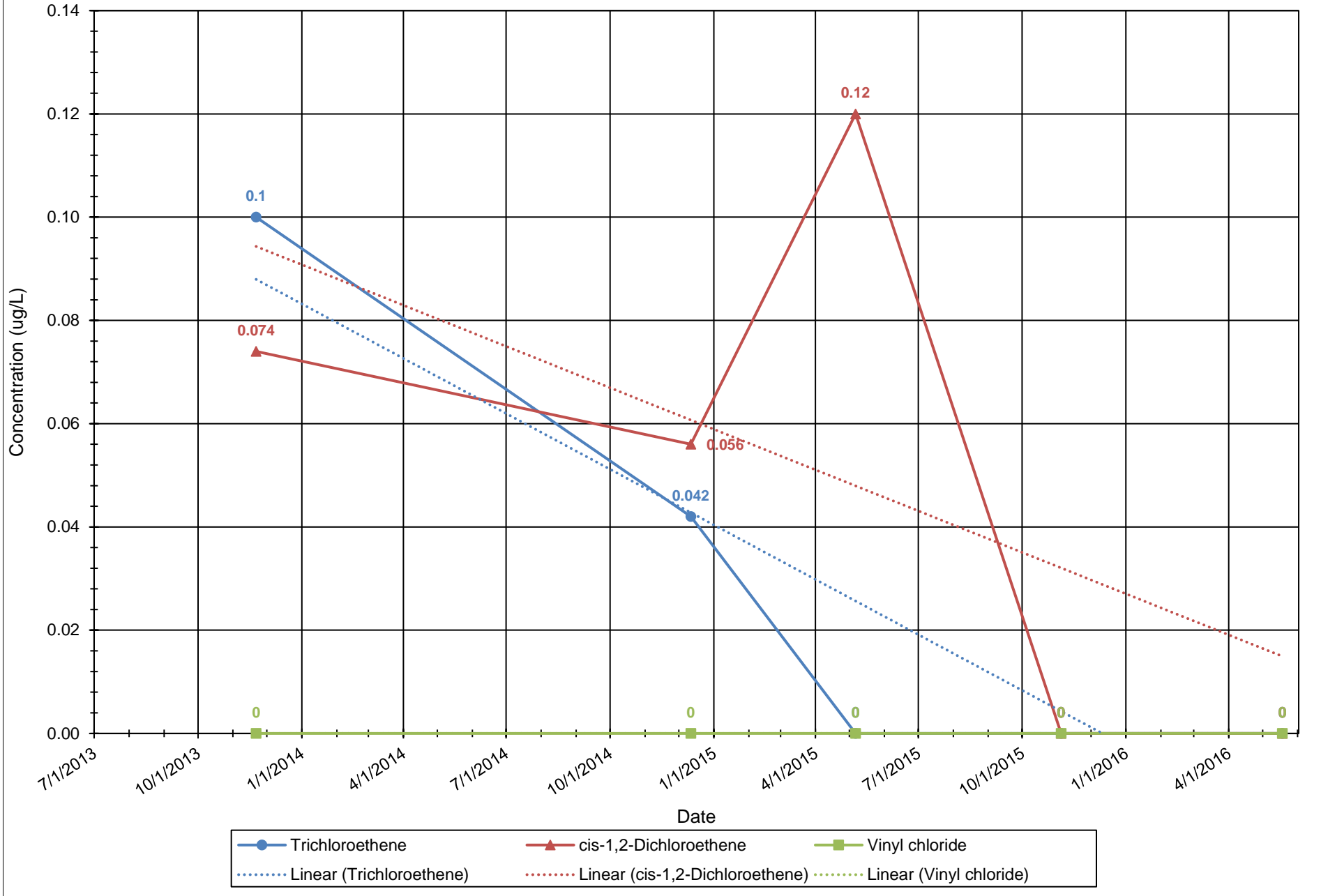
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 26. Monitoring Well TW-202I Time Series Chart



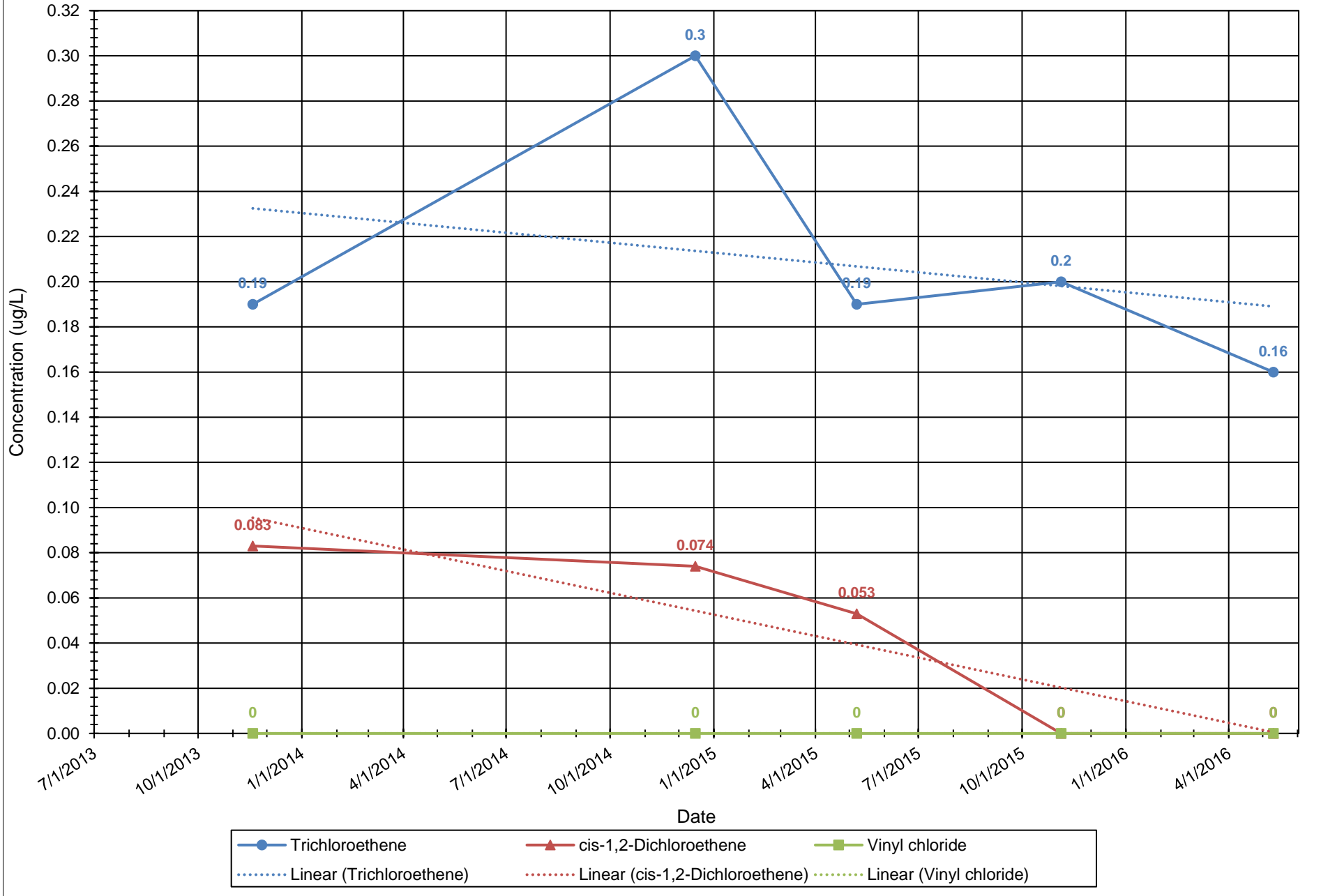
Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

Chart 27. Monitoring Well OW-6 Time Series Chart



Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

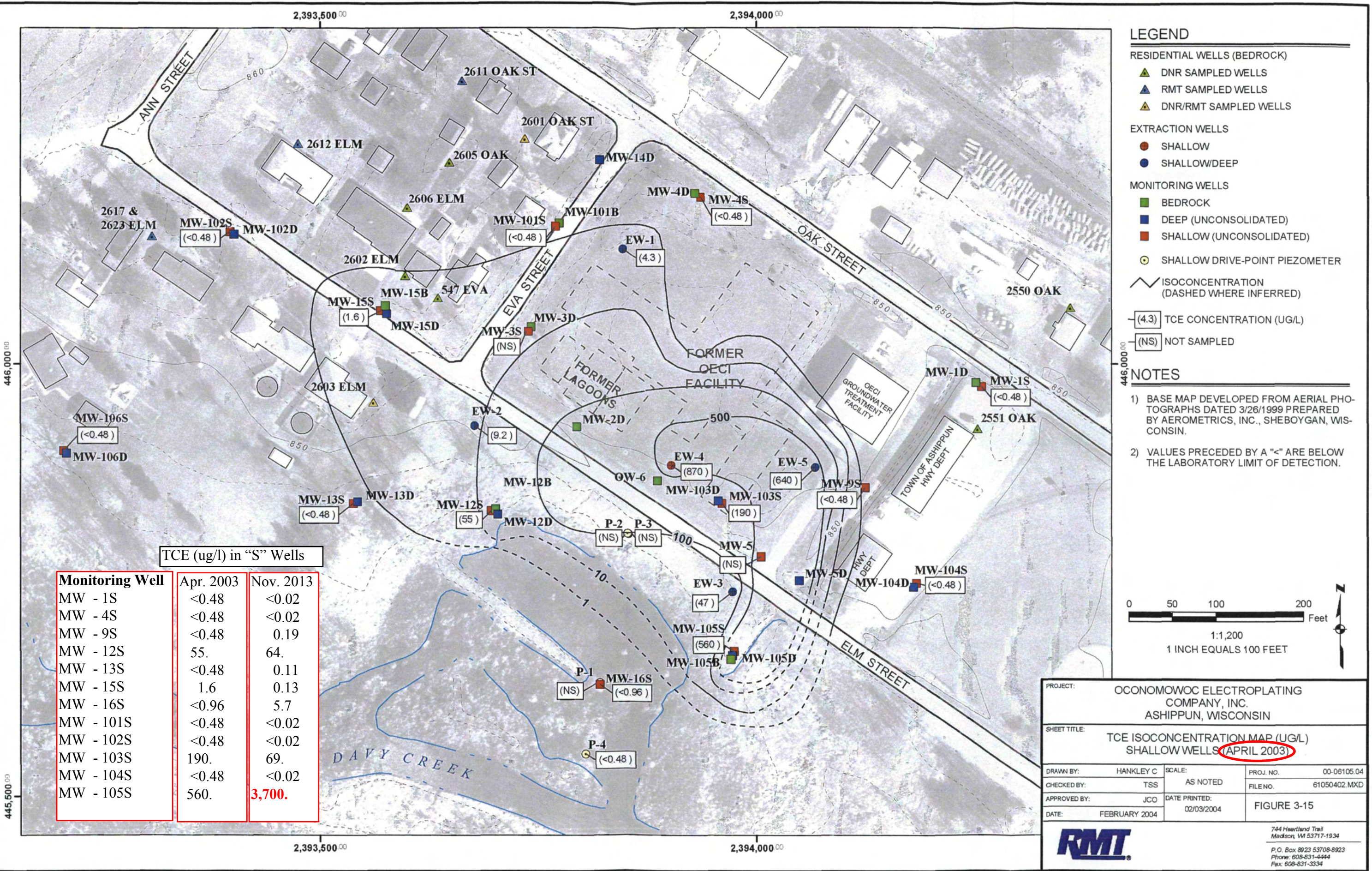
Chart 28. Monitoring Well MW-14DR Time Series Chart



Note: In-situ soil treatment in source Area A with Daramend performed in June 2013.

APPENDIX A

**APRIL 2003 AND MAY 2015
ISOCONCENTRATION MAPS**



- ### LEGEND
- RESIDENTIAL WELLS (BEDROCK)**
- ▲ DNR SAMPLED WELLS
 - ▲ RMT SAMPLED WELLS
 - ▲ DNR/RMT SAMPLED WELLS
- EXTRACTION WELLS**
- SHALLOW
 - SHALLOW/DEEP
- MONITORING WELLS**
- BEDROCK
 - DEEP (UNCONSOLIDATED)
 - SHALLOW (UNCONSOLIDATED)
 - SHALLOW DRIVE-POINT PIEZOMETER
- ISOCONCENTRATION (DASHED WHERE INFERRED)
- (4.3) TCE CONCENTRATION (UG/L)
- (NS) NOT SAMPLED

- ### NOTES
- 1) BASE MAP DEVELOPED FROM AERIAL PHOTOGRAPHS DATED 3/26/1999 PREPARED BY AEROMETRICS, INC., SHEBOYGAN, WISCONSIN.
 - 2) VALUES PRECEDED BY A "<" ARE BELOW THE LABORATORY LIMIT OF DETECTION.

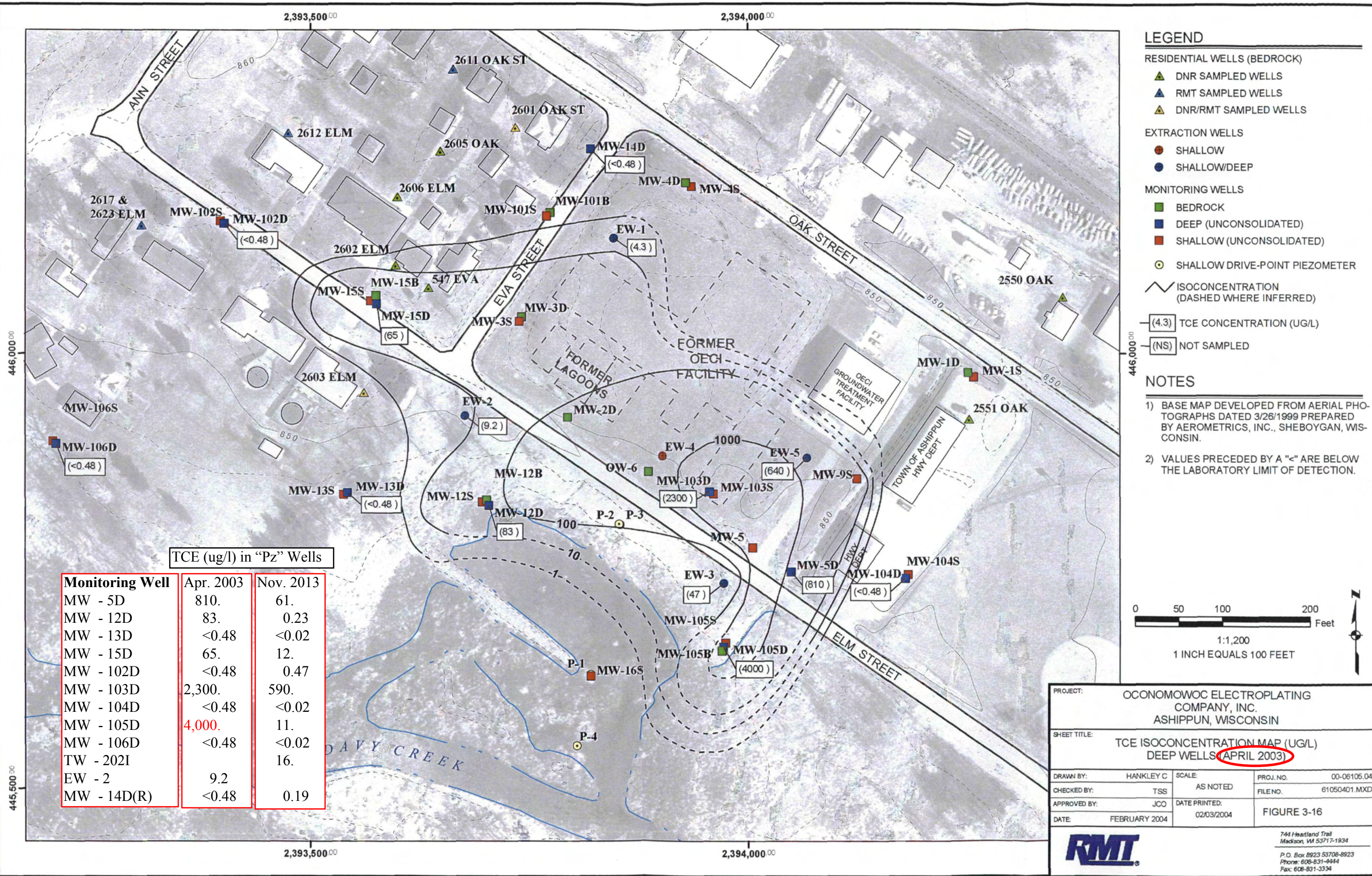
TCE (ug/l) in "S" Wells

Monitoring Well	Apr. 2003	Nov. 2013
MW - 1S	<0.48	<0.02
MW - 4S	<0.48	<0.02
MW - 9S	<0.48	0.19
MW - 12S	55.	64.
MW - 13S	<0.48	0.11
MW - 15S	1.6	0.13
MW - 16S	<0.96	5.7
MW - 101S	<0.48	<0.02
MW - 102S	<0.48	<0.02
MW - 103S	190.	69.
MW - 104S	<0.48	<0.02
MW - 105S	560.	3,700.

PROJECT:		OCONOMOWOC ELECTROPLATING COMPANY, INC. ASHIPPUN, WISCONSIN	
SHEET TITLE:		TCE ISOCONCENTRATION MAP (UG/L) SHALLOW WELLS (APRIL 2003)	
DRAWN BY:	HANKLEY C	SCALE:	AS NOTED
CHECKED BY:	TSS	PROJ. NO.:	00-06105.04
APPROVED BY:	JCO	FILE NO.:	61050402.MXD
DATE:	FEBRUARY 2004	DATE PRINTED:	02/03/2004
		FIGURE 3-15	

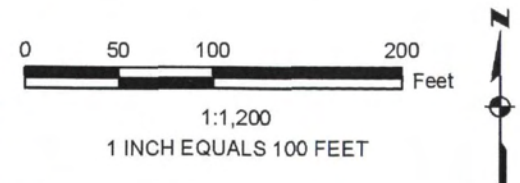
RMT

744 Heartland Trail
Madison, WI 53717-1934
P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334



- ### LEGEND
- RESIDENTIAL WELLS (BEDROCK)
 - ▲ DNR SAMPLED WELLS
 - ▲ RMT SAMPLED WELLS
 - ▲ DNR/RMT SAMPLED WELLS
 - EXTRACTION WELLS
 - SHALLOW
 - SHALLOW/DEEP
 - MONITORING WELLS
 - BEDROCK
 - DEEP (UNCONSOLIDATED)
 - SHALLOW (UNCONSOLIDATED)
 - SHALLOW DRIVE-POINT PIEZOMETER
 - ISOCONCENTRATION (DASHED WHERE INFERRED)
 - (4.3) TCE CONCENTRATION (UG/L)
 - (NS) NOT SAMPLED

- ### NOTES
- 1) BASE MAP DEVELOPED FROM AERIAL PHOTOGRAPHS DATED 3/26/1999 PREPARED BY AEROMETRICS, INC., SHEBOYGAN, WISCONSIN.
 - 2) VALUES PRECEDED BY A "<" ARE BELOW THE LABORATORY LIMIT OF DETECTION.



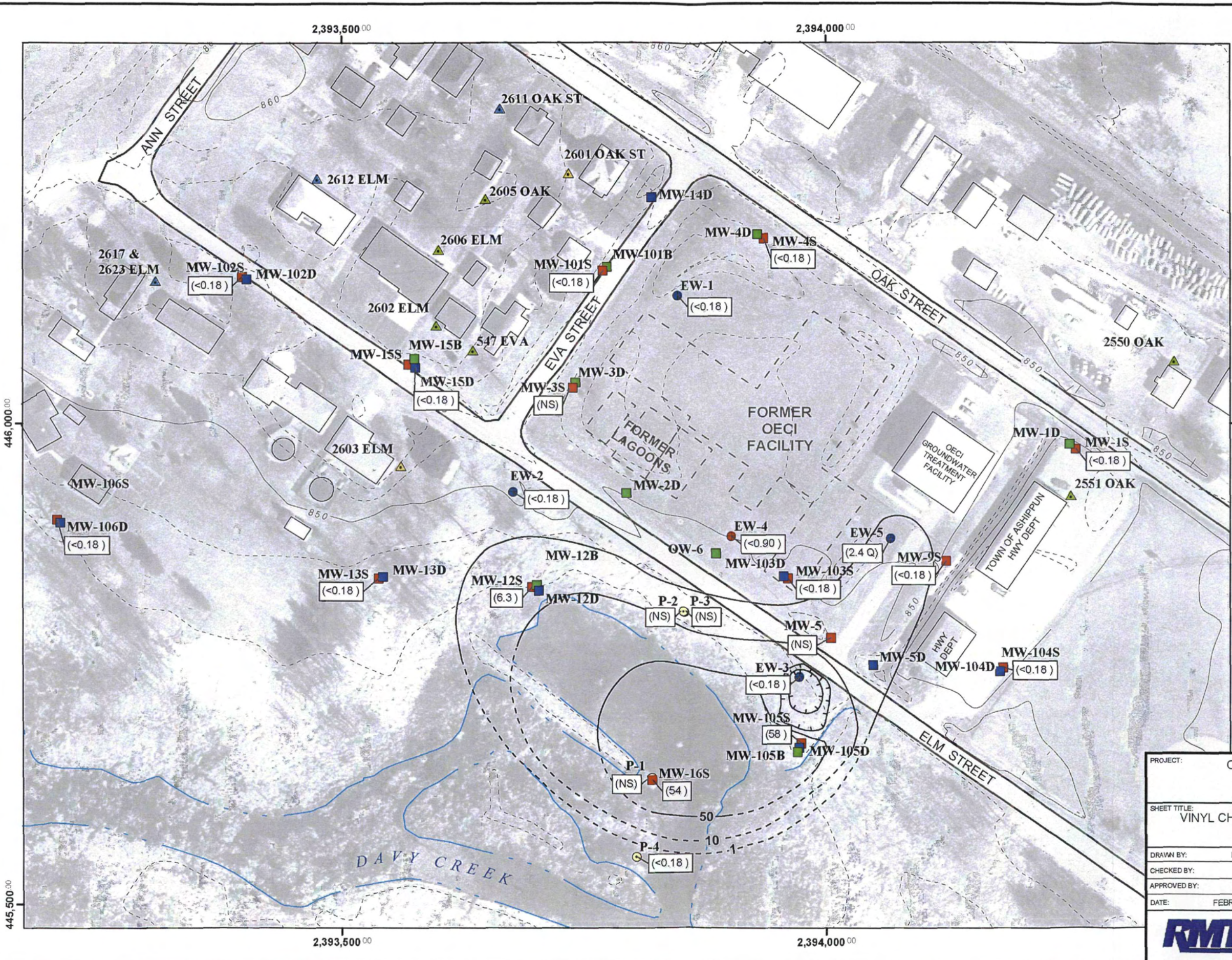
TCE (ug/l) in "Pz" Wells

Monitoring Well	Apr. 2003	Nov. 2013
MW - 5D	810.	61.
MW - 12D	83.	0.23
MW - 13D	<0.48	<0.02
MW - 15D	65.	12.
MW - 102D	<0.48	0.47
MW - 103D	2,300.	590.
MW - 104D	<0.48	<0.02
MW - 105D	4,000.	11.
MW - 106D	<0.48	<0.02
TW - 2021		16.
EW - 2	9.2	
MW - 14D(R)	<0.48	0.19

PROJECT: OCONOMOWOC ELECTROPLATING COMPANY, INC. ASHIPPUN, WISCONSIN			
SHEET TITLE: TCE ISOCONCENTRATION MAP (UG/L) DEEP WELLS (APRIL 2003)			
DRAWN BY: HANKLEY C	SCALE: AS NOTED	PROJ. NO: 00-06105.04	
CHECKED BY: TSS	DATE PRINTED: 02/03/2004	FILE NO: 61050401.MXD	
APPROVED BY: JCO			FIGURE 3-16
DATE: FEBRUARY 2004			

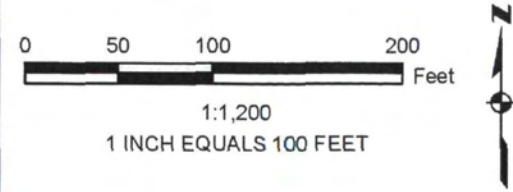
RMT

744 Heartland Trail
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P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334



- ### LEGEND
- RESIDENTIAL WELLS (BEDROCK)
 - ▲ DNR SAMPLED WELLS
 - ▲ RMT SAMPLED WELLS
 - ▲ DNR/RMT SAMPLED WELLS
 - EXTRACTION WELLS
 - SHALLOW
 - SHALLOW/DEEP
 - MONITORING WELLS
 - BEDROCK
 - DEEP (UNCONSOLIDATED)
 - SHALLOW (UNCONSOLIDATED)
 - SHALLOW DRIVE-POINT PIEZOMETER
 - ISOCONCENTRATION (DASHED WHERE INFERRED)
 - (4.3) VINYL CHLORIDE CONCENTRATION (UG/L)
 - (NS) NOT SAMPLED

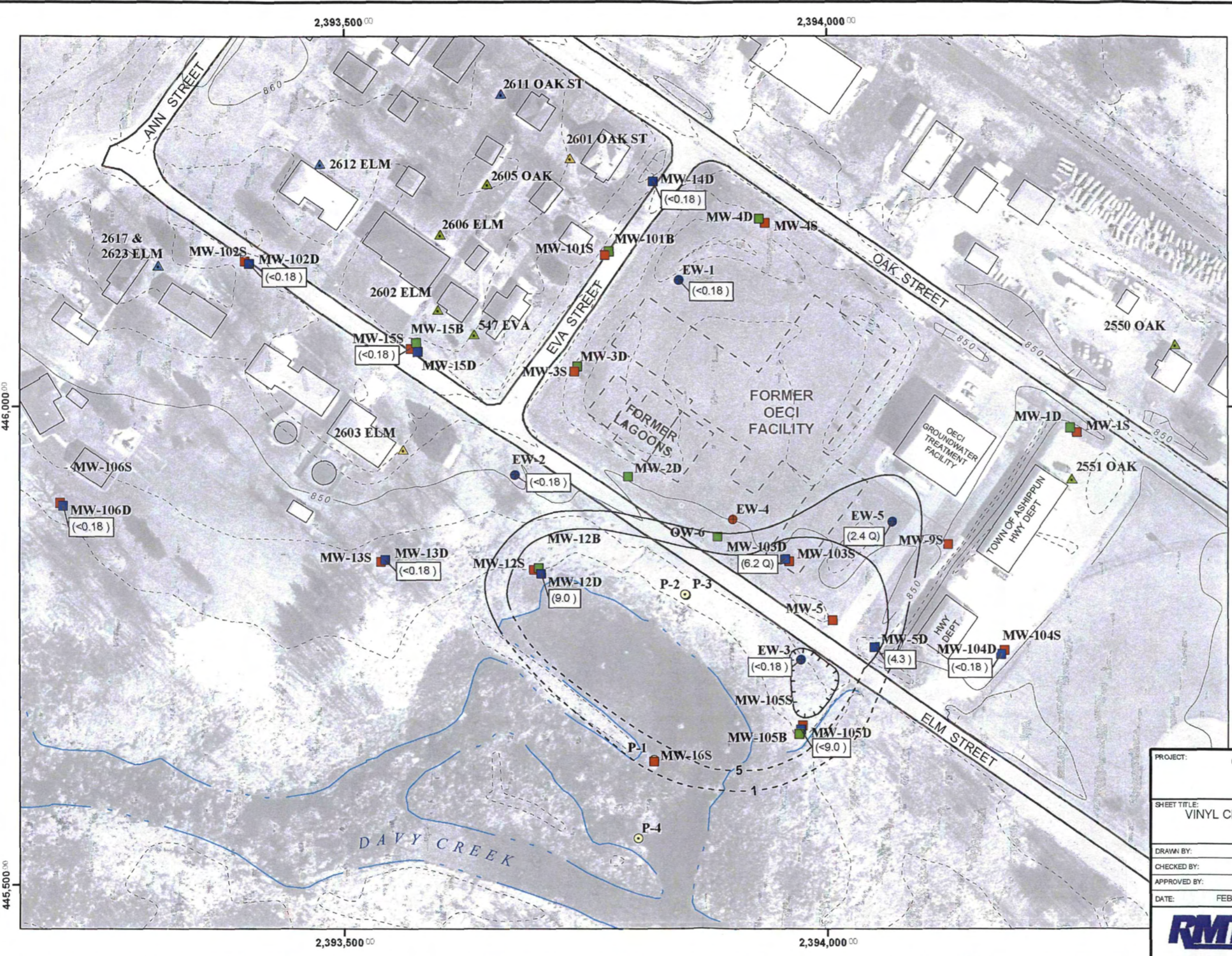
- ### NOTES
- 1) BASE MAP DEVELOPED FROM AERIAL PHOTOGRAPHS DATED 3/26/1999 PREPARED BY AEROMETRICS, INC., SHEBOYGAN, WISCONSIN.
 - 2) VALUES PRECEDED BY A "<" ARE BELOW THE LABORATORY LIMIT OF DETECTION.
 - 3) THE LOW CONCENTRATION AT EW-1 IS LIKELY DUE TO DISCHARGE OF CLEAN WATER FROM THE INFILTRATION GALLERY.



PROJECT: OCONOMOWOC ELECTROPLATING COMPANY, INC. ASHIPPUN, WISCONSIN			
SHEET TITLE: VINYL CHLORIDE ISOCONCENTRATION MAP (UG/L) SHALLOW WELLS (APRIL 2003)			
DRAWN BY: HANKLEY C	SCALE: AS NOTED	PROJ. NO. 00-06105.04	
CHECKED BY: TSS	DATE PRINTED: 02/03/2004	FILE NO. 61050403.MXD	
APPROVED BY: JCO			FIGURE 3-17
DATE: FEBRUARY 2004			

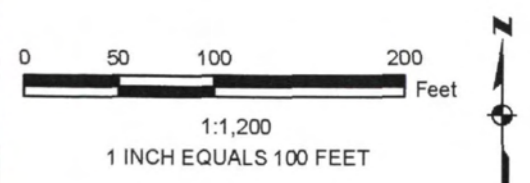


744 Heartland Trail
 Madison, WI 53717-1934
 P.O. Box 8923 53708-8923
 Phone: 608-831-4444
 Fax: 608-831-3334



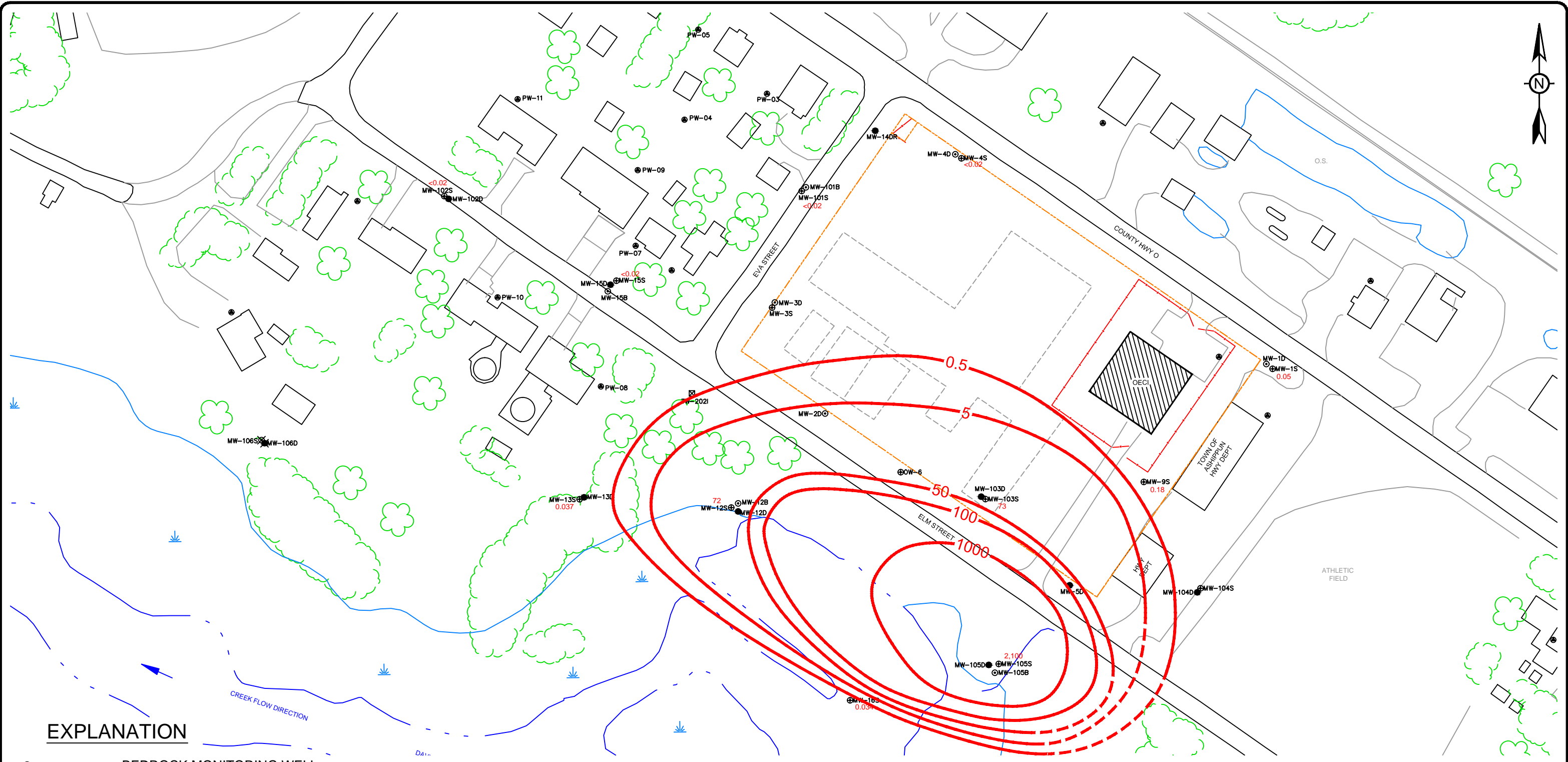
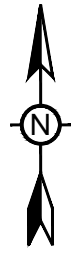
- ### LEGEND
- RESIDENTIAL WELLS (BEDROCK)
 - ▲ DNR SAMPLED WELLS
 - ▲ RMT SAMPLED WELLS
 - ▲ DNR/RMT SAMPLED WELLS
 - EXTRACTION WELLS
 - SHALLOW
 - SHALLOW/DEEP
 - MONITORING WELLS
 - BEDROCK
 - DEEP (UNCONSOLIDATED)
 - SHALLOW (UNCONSOLIDATED)
 - SHALLOW DRIVE-POINT PIEZOMETER
 - ISOCONCENTRATION (DASHED WHERE INFERRED)
 - (4.3) VINYL CHLORIDE CONCENTRATION (UG/L)
 - (NS) NOT SAMPLED

- ### NOTES
- 1) BASE MAP DEVELOPED FROM AERIAL PHOTOGRAPHS DATED 3/26/1999 PREPARED BY AEROMETRICS, INC., SHEBOYGAN, WISCONSIN.
 - 2) VALUES PRECEDED BY A "<" ARE BELOW THE LABORATORY LIMIT OF DETECTION.
 - 3) THE LOW CONCENTRATION AT EW-1 IS LIKELY DUE TO DISCHARGE OF CLEAN WATER FROM THE INFILTRATION GALLERY.



PROJECT: OCONOMOWOC ELECTROPLATING COMPANY, INC. ASHIPPUN, WISCONSIN		
SHEET TITLE: VINYL CHLORIDE ISOCONCENTRATION MAP (UG/L) DEEP WELLS (APRIL 2003)		
DRAWN BY: HANKLEY C	SCALE: AS NOTED	PROJ. NO. 00-06105.04
CHECKED BY: TSS	DATE PRINTED: 02/03/2004	FILE NO. 61050404.MXD
APPROVED BY: JCO	DATE: FEBRUARY 2004	FIGURE 3-18

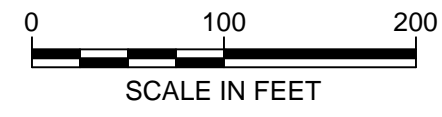
RMT
 744 Heartland Trail
 Madison, WI 53717-1934
 P.O. Box 8923 53708-8923
 Phone: 608-831-4444
 Fax: 608-831-3334



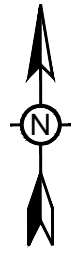
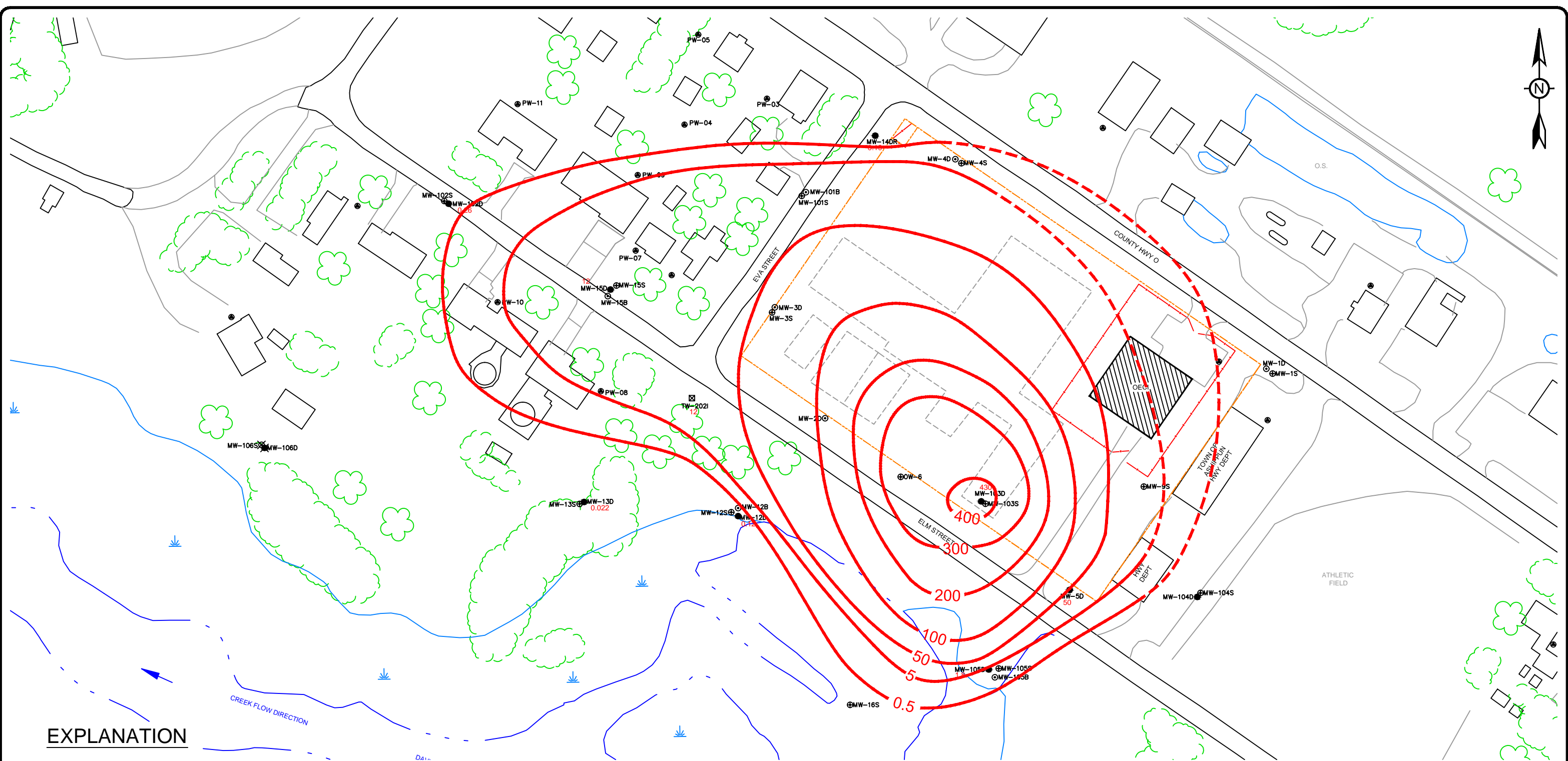
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

72
— 50 —
 TCE CONCENTRATION (ug/L)
 TCE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



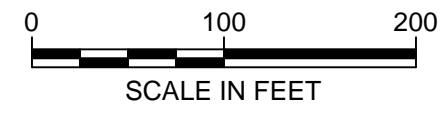
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2015 SAMPLING EVENT SHALLOW-DEPTH MONITORING WELLS TCE ISOCONCENTRATION MAP			
LOCATION:		ASHIPPUN, WISCONSIN	
	CHECKED	MAM	FIGURE: 5
	DRAFTED	HJW	
	PROJECT	117-7413001	
DATE	7/6/15		



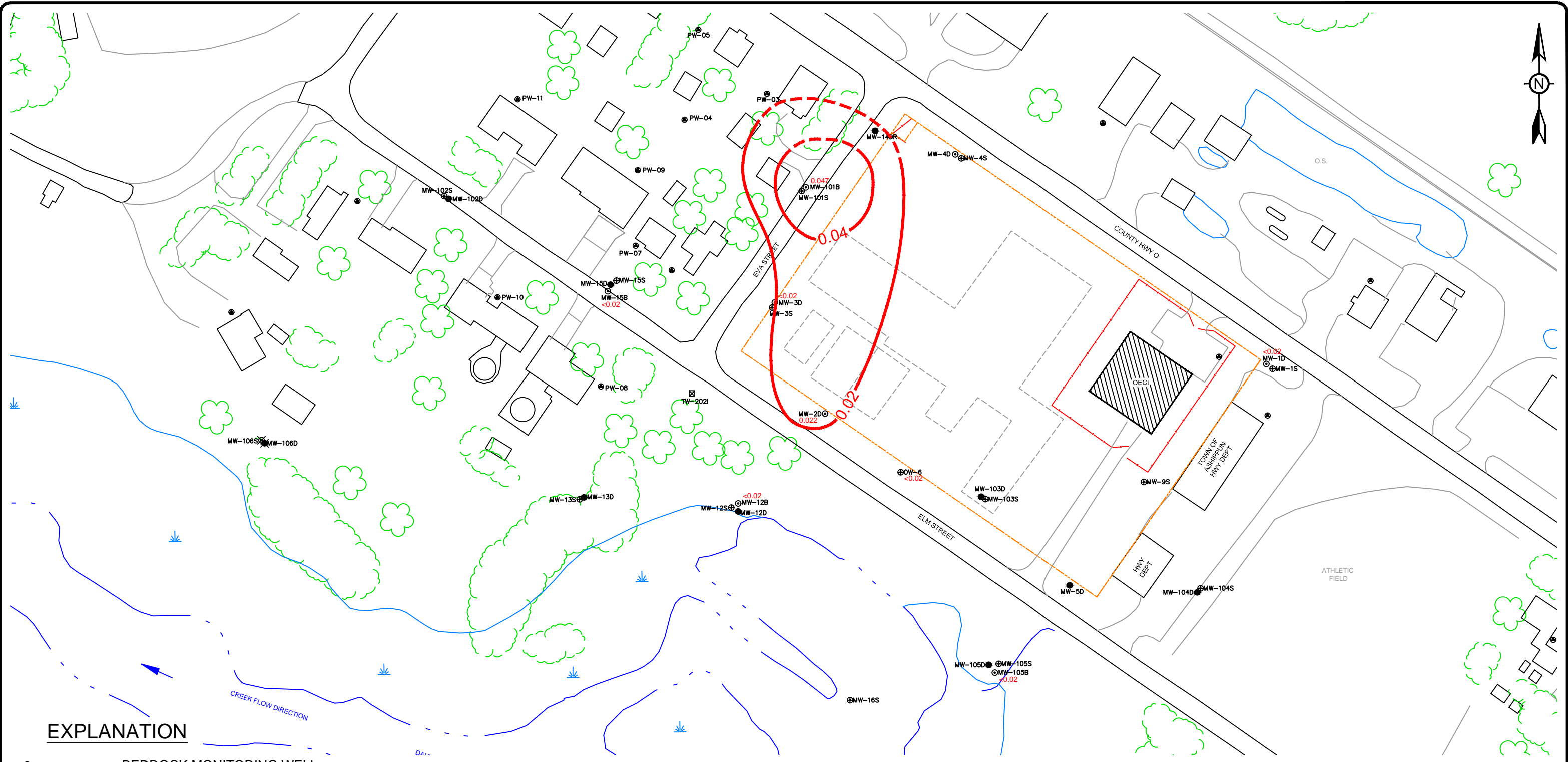
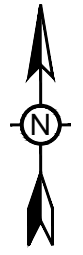
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊙MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊙MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊙TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

50 TCE CONCENTRATION (ug/L)
 50 TCE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2015 SAMPLING EVENT MID-DEPTH MONITORING WELLS TCE ISOCONCENTRATION MAP			
LOCATION: ASHIPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 6
	DRAFTED	HJW	
	PROJECT	117-7413001	
	DATE	7/10/12	



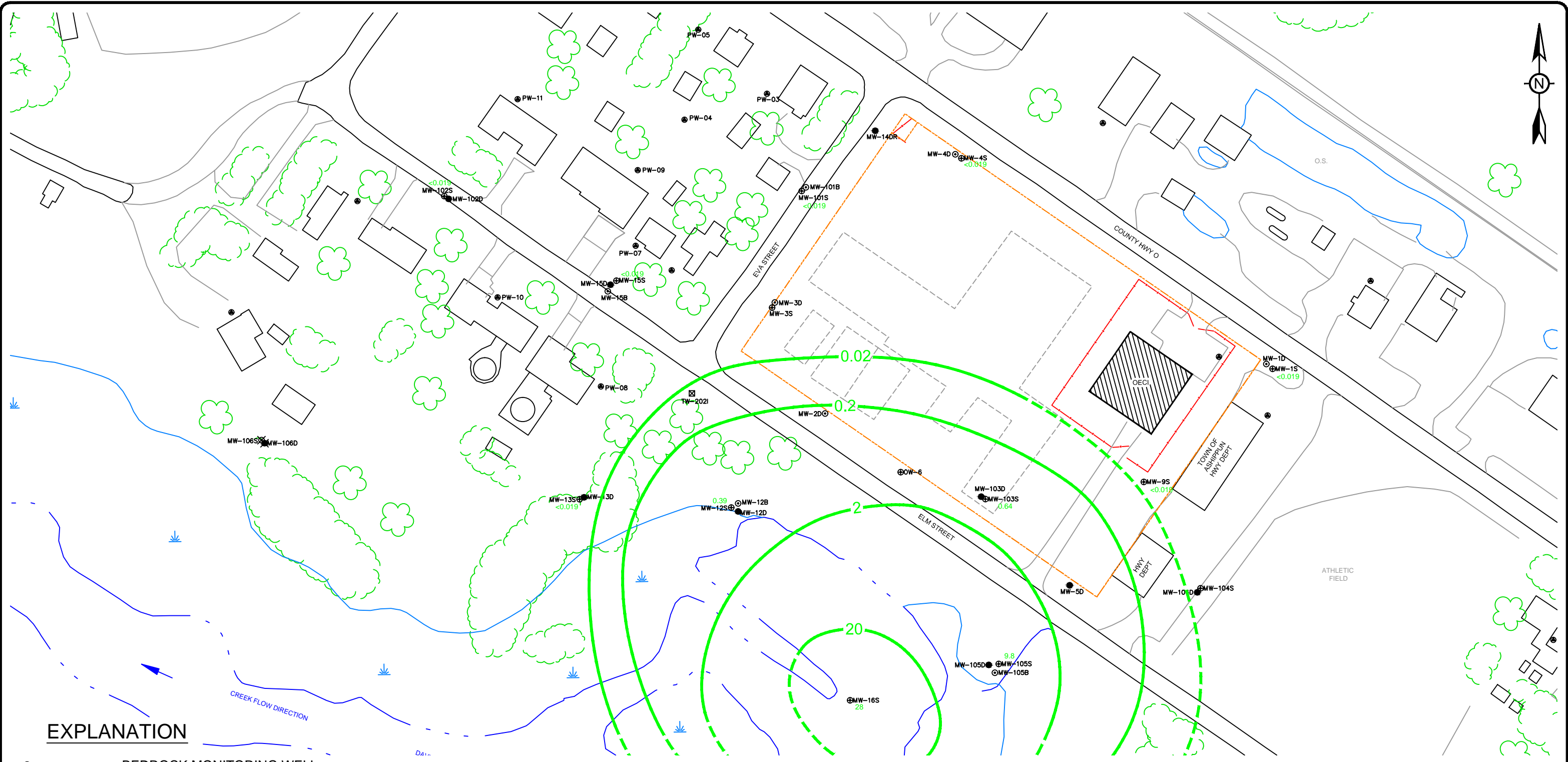
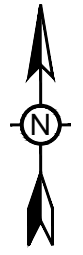
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECl SITE BOUNDARY
- FENCED AREA

0.047 TCE CONCENTRATION (ug/L)
 ---0.04--- TCE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



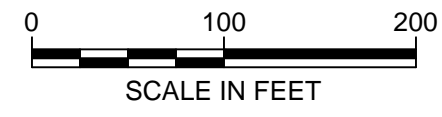
TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2015 SAMPLING EVENT BEDROCK MONITORING WELLS TCE ISOCONCENTRATION MAP		
LOCATION: ASHIPUN, WISCONSIN		
TETRA TECH	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	7/10/12	FIGURE: 7



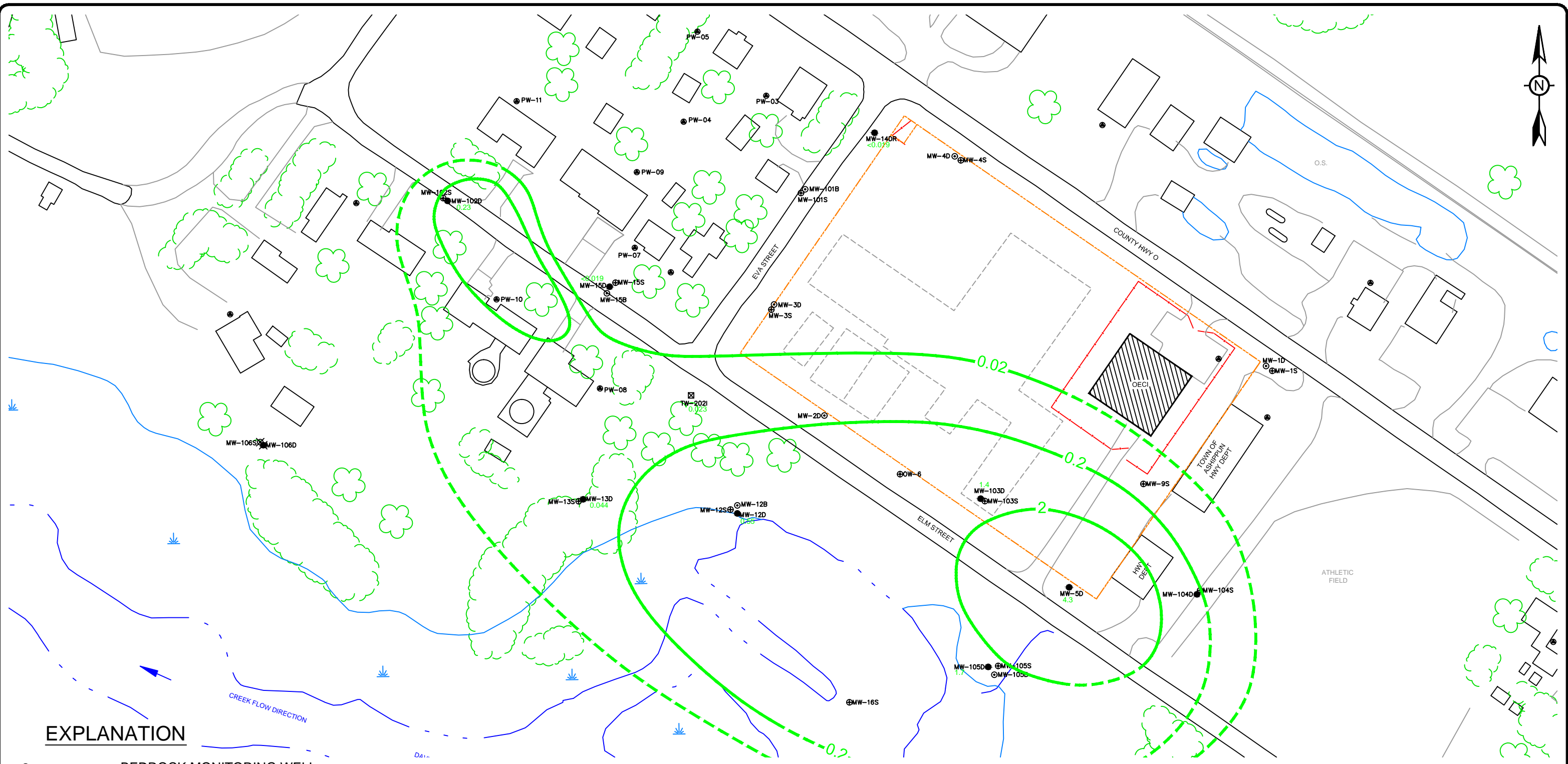
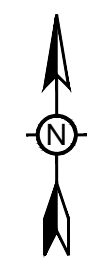
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

28
 2.0
 VINYL CHLORIDE CONCENTRATION (ug/L)
 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2015 SAMPLING EVENT SHALLOW-DEPTH MONITORING WELLS VINYL CHLORIDE ISOCONCENTRATION MAP		
LOCATION: ASHIPUN, WISCONSIN		
	CHECKED	MAM
	DRAFTED	HJW
	PROJECT	117-7413001
DATE	8/20/15	FIGURE: 8



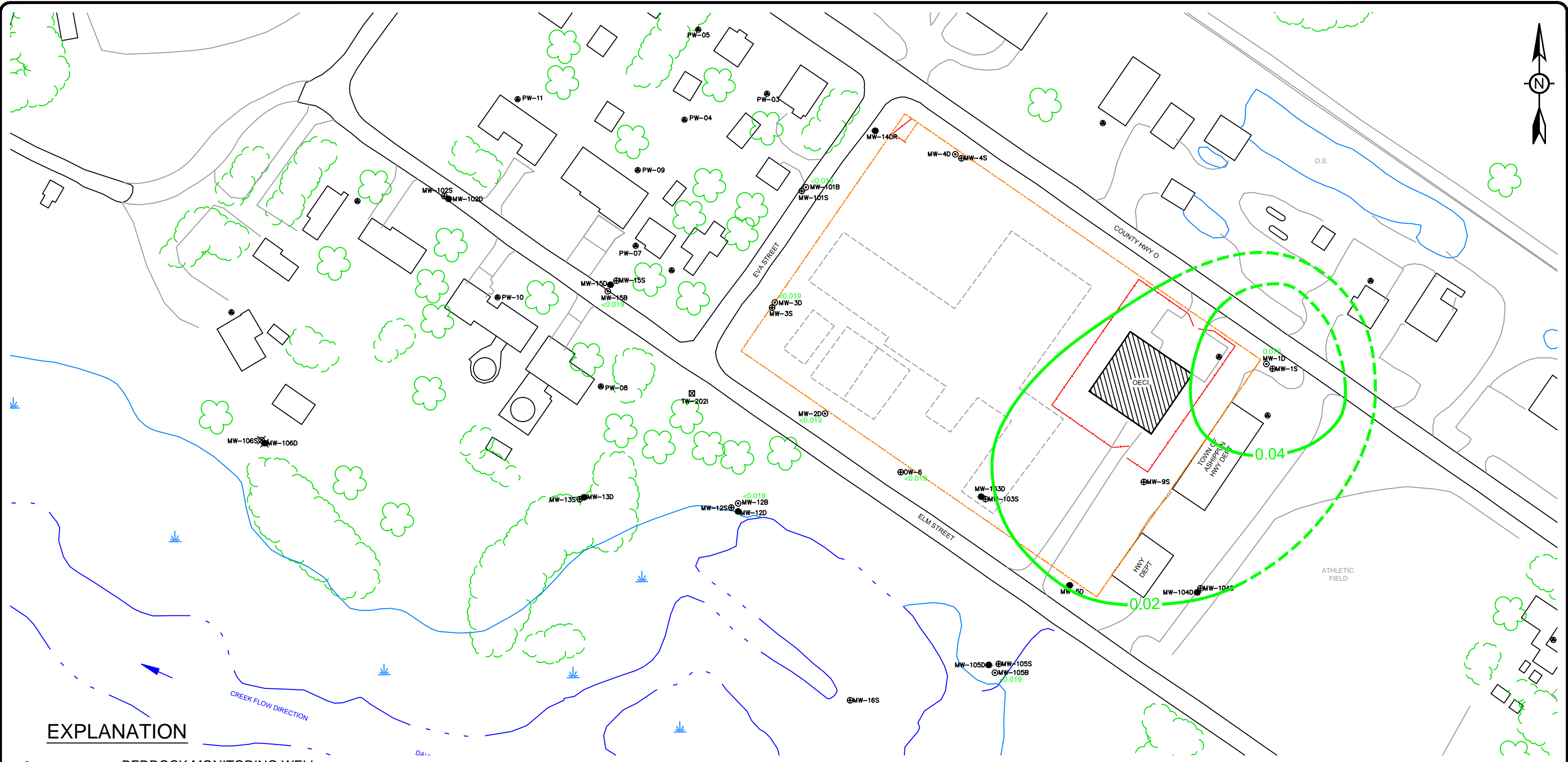
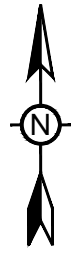
EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊙MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊙MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

4.3
 ——— 2.0 ———
 VINYL CHLORIDE CONCENTRATION (ug/L)
 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L)
 DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2015 SAMPLING EVENT MID-DEPTH MONITORING WELLS VINYL CHLORIDE ISOCONCENTRATION MAP		
LOCATION: ASHIPUN, WISCONSIN		
TETRA TECH	CHECKED	MAM
	DRAFTED	HJW
PROJECT	117-7413001	
DATE	7/10/12	
		FIGURE: 9

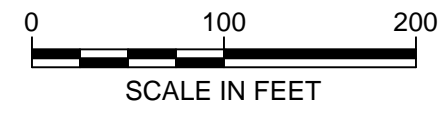


EXPLANATION

- ⊙MW-105B BEDROCK MONITORING WELL
- MW-105D DEEP UNCONSOLIDATED MONITORING WELL
- ⊕MW-105S SHALLOW UNCONSOLIDATED MONITORING WELL
- ⊙PW-11 RESIDENTIAL WELL
- ⊗MW-106D DEEP UNCONSOLIDATED SENTINEL WELL
- ⊗MW-106S SHALLOW UNCONSOLIDATED SENTINEL WELL
- ⊠TW-2021 TEMPORARY WELL
- FORMER OECI SITE BOUNDARY
- - - - - FENCED AREA

0.076 VINYL CHLORIDE CONCENTRATION (ug/L)

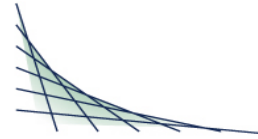
0.04 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L)
DASHED WHERE INFERRED



TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC. MAY 2015 SAMPLING EVENT BEDROCK MONITORING WELLS VINYL CHLORIDE ISOCONCENTRATION MAP			
LOCATION: ASHIPPUN, WISCONSIN			
	CHECKED	MAM	FIGURE: 10
	DRAFTED	HJW	
	PROJECT	117-7413001	
DATE	7/6/15		

APPENDIX B

LABORATORY ANALYTICAL REPORTS



ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.



ANALYTICAL REPORT

TETRA TECH
 MARK MANTHEY
 175 N CORPORATE DRIVE
 SUITE 100
 BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
 Project Phase:
 Contract #: 2747
 Project #: 117-7413001.01
 Folder #: 115169
 Purchase Order #:

Page 1 of 42
 Arrival Temperature: See COC
 Report Date: 11/20/2015
 Date Received: 11/4/2015
 Reprint Date: 12/4/2015

CT LAB Sample#: 653389	Sample Description: PW-09	License/Well #: 4189/056	Sampled: 11/3/2015 0950
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:41	17:41	RLD	EPA 8260C
1,2-Dichloroethane	0.048	ug/L	0.040 *	0.14	1		11/6/2015 17:41	17:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653389 Sample Description: PW-09

License/Well #: 4189/056 Sampled: 11/3/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 17:41	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 17:41	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 17:41	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 17:41	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 17:41	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 17:41	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 17:41	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 17:41	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 17:41	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 17:41	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 17:41	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 17:41	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 17:41	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 17:41	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 17:41	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 17:41	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 17:41	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 17:41	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 17:41	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 17:41	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 17:41	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 17:41	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 17:41	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 17:41	RLD	EPA 8260C
cis-1,2-Dichloroethene	6.0	ug/L	0.060	0.21	1			11/6/2015 17:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653389 Sample Description: PW-09

License/Well #: 4189/056 Sampled: 11/3/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Methyl tert-butyl ether	0.62	ug/L	0.040	0.15	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Toluene	0.083	ug/L	0.060 *	0.21	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.26	ug/L	0.060	0.20	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C
Trichloroethene	0.068	ug/L	0.030 *	0.10	1		11/6/2015 17:41	11/6/2015 17:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653389 Sample Description: PW-09 License/Well #: 4189/056 Sampled: 11/3/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 17:41	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/6/2015 17:41	RLD	EPA 8260C
Vinyl chloride	0.055	ug/L	0.016	0.052	1			11/6/2015 17:41	RLD	EPA 8260C

CT LAB Sample#: 653419 Sample Description: PW-04 License/Well #: 4189/052 Sampled: 11/3/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 12:53	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 12:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 12:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 12:53	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:53	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 12:53	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 12:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 12:53	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 12:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 12:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 12:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:53	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:53	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653419 Sample Description: PW-04

License/Well #: 4189/052 Sampled: 11/3/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:53	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 12:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 12:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 12:53	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 12:53	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 12:53	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:53	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 12:53	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 12:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 12:53	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 12:53	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 12:53	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:53	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 12:53	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 12:53	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 12:53	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 12:53	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 12:53	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:53	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:53	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 12:53	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:53	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 12:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.2	ug/L	0.060	0.21	1			11/7/2015 12:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 12:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653419 Sample Description: PW-04

License/Well #: 4189/052 Sampled: 11/3/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015	12:53	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015	12:53	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015	12:53	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	12:53	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015	12:53	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	12:53	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015	12:53	RLD	EPA 8260C
Methyl tert-butyl ether	0.48	ug/L	0.040	0.15	1		11/7/2015	12:53	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:53	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	12:53	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	12:53	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015	12:53	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015	12:53	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:53	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015	12:53	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015	12:53	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	12:53	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	12:53	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015	12:53	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.066	ug/L	0.060 *	0.20	1		11/7/2015	12:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015	12:53	RLD	EPA 8260C
Trichloroethene	0.086	ug/L	0.030 *	0.10	1		11/7/2015	12:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	12:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653419	Sample Description: PW-04	License/Well #: 4189/052	Sampled: 11/3/2015 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 12:53	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/7/2015 12:53	RLD	EPA 8260C

CT LAB Sample#: 653420	Sample Description: MW-1D	License/Well #: 4189/002	Sampled: 11/3/2015 1120
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Field Results

Conductivity (Field)	531	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	1.26	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	8.33	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	15.81	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	6.94	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	846.20	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-133	MV	N/A	N/A	1			12/4/2015 12:30	PML	

Inorganic Results

Alkalinity Total	370	mg/L	5.0	18	1			11/9/2015 14:08	MER	EPA 310.2
Total Chloride	5.8	mg/L	1.0	3.5	1			11/7/2015 05:05	JJF	EPA 9056A
Total Sulfate	<1.0	mg/L	1.0	3.4	1			11/7/2015 05:05	JJF	EPA 9056A
Total Organic Carbon	0.46	mg/L	0.40 *	1.4	1			11/6/2015 23:25	JJF	EPA 9060A

Metals Results

Total Iron	3.14	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 21:38	NAH	EPA 6010C
Total Manganese	18.2	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 21:38	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653420 Sample Description: MW-1D

License/Well #: 4189/002 Sampled: 11/3/2015 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 13:11	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 13:11	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 13:11	BMS	Mod RSK 175
Methane	1900	ug/L	100	350	250		11/11/2015 07:30	11/11/2015 13:20	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:10	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:10	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 18:10	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 18:10	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:10	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 18:10	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:10	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 18:10	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 18:10	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 18:10	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 18:10	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 18:10	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:10	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:10	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:10	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:10	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:10	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:10	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 18:10	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 18:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653420 Sample Description: MW-1D

License/Well #: 4189/002 Sampled: 11/3/2015 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 18:10	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 18:10	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:10	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 18:10	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:10	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 18:10	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 18:10	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 18:10	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:10	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 18:10	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 18:10	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 18:10	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 18:10	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 18:10	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:10	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:10	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:10	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:10	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:10	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:10	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 18:10	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 18:10	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:10	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:10	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 18:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653420 Sample Description: MW-1D

License/Well #: 4189/002 Sampled: 11/3/2015 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	0.067	ug/L	0.060 *	0.21	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Isopropylbenzene	0.071	ug/L	0.050 *	0.17	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Naphthalene	0.065	ug/L	0.050 *	0.18	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Styrene	0.19	ug/L	0.050	0.15	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C
Vinyl chloride	0.14	ug/L	0.016	0.052	1		11/6/2015 18:10	11/6/2015 18:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653425 Sample Description: MW-1D License/Well #: 4189/002 Sampled: 11/3/2015 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	2.88	mg/L	0.010	0.032	1			11/5/2015 19:04	NAH	EPA 6010C
Dissolved Manganese	22.8	ug/L	1.6	5.3	1			11/5/2015 19:04	NAH	EPA 6010C

CT LAB Sample#: 653427 Sample Description: MW-1S License/Well #: 4189/001 Sampled: 11/3/2015 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	1380	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.46	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.09	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	17.22	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	6.57	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	846.85	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	69	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	380	mg/L	5.0	18	1			11/9/2015 14:10	MER	EPA 310.2
Total Chloride	230	mg/L	4.7	17	5			11/9/2015 12:39	JJF	EPA 9056A
Total Sulfate	49	mg/L	1.0	3.4	1			11/7/2015 05:26	JJF	EPA 9056A
Total Organic Carbon	1.7	mg/L	0.40	1.4	1			11/6/2015 23:36	JJF	EPA 9060A
Metals Results										
Total Iron	<0.020	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 21:59	NAH	EPA 6010C
Total Manganese	76.7	ug/L	1.4	4.7	1	Y,M	11/13/2015 11:00	11/16/2015 21:59	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653427 Sample Description: MW-1S

License/Well #: 4189/001 Sampled: 11/3/2015 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 09:48	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 09:48	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 09:48	BMS	Mod RSK 175
Methane	8.2	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 09:48	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 18:40	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 18:40	RLD	EPA 8260C
1,1-Dichloroethane	0.11	ug/L	0.060 *	0.19	1			11/6/2015 18:40	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 18:40	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:40	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 18:40	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 18:40	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 18:40	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 18:40	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 18:40	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:40	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:40	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:40	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:40	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:40	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 18:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653427 Sample Description: MW-1S

License/Well #: 4189/001 Sampled: 11/3/2015 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 18:40	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 18:40	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 18:40	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:40	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 18:40	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 18:40	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 18:40	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:40	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 18:40	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 18:40	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 18:40	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 18:40	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 18:40	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:40	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 18:40	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:40	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 18:40	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 18:40	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:40	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653427 Sample Description: MW-1S

License/Well #: 4189/001 Sampled: 11/3/2015 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 18:40	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/6/2015 18:40	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 18:40	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/6/2015 18:40	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 18:40	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 18:40	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 18:40	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/6/2015 18:40	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/6/2015 18:40	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 18:40	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:40	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/6/2015 18:40	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/6/2015 18:40	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/6/2015 18:40	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/6/2015 18:40	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/6/2015 18:40	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 18:40	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/6/2015 18:40	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/6/2015 18:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653428 Sample Description: MW-1S License/Well #: 4189/001 Sampled: 11/3/2015 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.406	mg/L	0.010	0.032	1			11/5/2015 19:10	NAH	EPA 6010C
Dissolved Manganese	97.2	ug/L	1.6	5.3	1			11/5/2015 19:10	NAH	EPA 6010C

CT LAB Sample#: 653429 Sample Description: MW-9S License/Well #: 4189/014 Sampled: 11/3/2015 1255

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	1680	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.43	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.41	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	17.35	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	5.28	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	846.29	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-37	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	340	mg/L	5.0	18	1			11/9/2015 14:11	MER	EPA 310.2
Total Chloride	340	mg/L	5.0	18	5			11/7/2015 05:47	JJF	EPA 9056A
Total Sulfate	56	mg/L	5.0	17	5			11/7/2015 05:47	JJF	EPA 9056A
Total Organic Carbon	1.2	mg/L	0.40 *	1.4	1			11/6/2015 23:47	JJF	EPA 9060A
Metals Results										
Total Iron	0.495	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 22:22	NAH	EPA 6010C
Total Manganese	73.7	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 22:22	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653429 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 11/3/2015 1255

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 09:57	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 09:57	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 09:57	BMS	Mod RSK 175
Methane	6.3	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 09:57	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:17	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:17	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 23:17	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 23:17	RLD	EPA 8260C
1,1-Dichloroethane	0.20	ug/L	0.060	0.19	1			11/6/2015 23:17	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 23:17	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:17	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 23:17	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 23:17	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 23:17	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 23:17	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 23:17	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:17	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:17	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:17	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:17	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:17	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:17	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 23:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653429 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 11/3/2015 1255

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 23:17	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 23:17	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 23:17	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:17	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 23:17	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:17	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 23:17	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 23:17	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 23:17	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:17	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 23:17	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 23:17	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 23:17	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 23:17	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 23:17	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:17	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:17	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:17	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:17	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:17	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:17	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 23:17	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 23:17	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:17	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653429 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 11/3/2015 1255

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Trichloroethene	0.24	ug/L	0.030	0.10	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/6/2015 23:17	23:17	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/6/2015 23:17	23:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653430 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 11/3/2015 1255

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.590	mg/L	0.010	0.032	1			11/5/2015 19:16	NAH	EPA 6010C
Dissolved Manganese	82.2	ug/L	1.6	5.3	1			11/5/2015 19:16	NAH	EPA 6010C

CT LAB Sample#: 653431 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 11/3/2015 1340

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	895	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.59	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.45	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	18.15	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	3.26	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.54	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	9.4		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-65	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	400	mg/L	5.0	18	1			11/9/2015 14:12	MER	EPA 310.2
Total Chloride	140	mg/L	2.0	7.0	2			11/7/2015 06:07	JJF	EPA 9056A
Total Sulfate	50	mg/L	2.0	6.8	2			11/7/2015 06:07	JJF	EPA 9056A
Total Organic Carbon	0.65	mg/L	0.40 *	1.4	1			11/6/2015 23:58	JJF	EPA 9060A
Metals Results										
Total Iron	1.60	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 22:28	NAH	EPA 6010C
Total Manganese	61.9	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 22:28	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653431 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 11/3/2015 1340

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 13:39	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 13:39	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 13:39	BMS	Mod RSK 175
Methane	44	ug/L	2.0	7.0	5		11/11/2015 07:30	11/11/2015 13:48	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.10	ug/L	0.10	0.33	5			11/7/2015 00:14	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.85	5			11/7/2015 00:14	RLD	EPA 8260C
1,1-Dichloroethane	4.4	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C
1,1-Dichloroethene	0.35	ug/L	0.35 *	1.2	5			11/7/2015 00:14	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.80	5			11/7/2015 00:14	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.20	ug/L	0.20	0.65	5			11/7/2015 00:14	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.20	ug/L	0.20	0.65	5			11/7/2015 00:14	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.25	ug/L	0.25	0.85	5			11/7/2015 00:14	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.15	ug/L	0.15	0.50	5			11/7/2015 00:14	RLD	EPA 8260C
1,2-Dibromoethane	<0.20	ug/L	0.20	0.70	5			11/7/2015 00:14	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C
1,2-Dichloroethane	1.3	ug/L	0.20	0.70	5			11/7/2015 00:14	RLD	EPA 8260C
1,2-Dichloropropane	<0.30	ug/L	0.30	1.0	5			11/7/2015 00:14	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	5			11/7/2015 00:14	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
1,3-Dichloropropane	<0.20	ug/L	0.20	0.65	5			11/7/2015 00:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653431 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 11/3/2015 1340

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.80	5			11/7/2015 00:14	RLD	EPA 8260C
2,2-Dichloropropane	<0.20	ug/L	0.20	0.60	5			11/7/2015 00:14	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	5			11/7/2015 00:14	RLD	EPA 8260C
2-Chlorotoluene	<0.30	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C
2-Hexanone	<2.0	ug/L	2.0	7.0	5			11/7/2015 00:14	RLD	EPA 8260C
4-Chlorotoluene	<0.25	ug/L	0.25	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.0	ug/L	2.0	7.0	5			11/7/2015 00:14	RLD	EPA 8260C
Acetone	<4.5	ug/L	4.5	16	5			11/7/2015 00:14	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
Bromobenzene	<0.20	ug/L	0.20	0.70	5			11/7/2015 00:14	RLD	EPA 8260C
Bromochloromethane	<0.085	ug/L	0.085	0.29	5			11/7/2015 00:14	RLD	EPA 8260C
Bromodichloromethane	<0.085	ug/L	0.085	0.29	5			11/7/2015 00:14	RLD	EPA 8260C
Bromoform	<0.090	ug/L	0.090	0.30	5			11/7/2015 00:14	RLD	EPA 8260C
Bromomethane	<0.45	ug/L	0.45	1.5	5			11/7/2015 00:14	RLD	EPA 8260C
Carbon disulfide	<0.55	ug/L	0.55	1.9	5			11/7/2015 00:14	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	5			11/7/2015 00:14	RLD	EPA 8260C
Chlorobenzene	<0.20	ug/L	0.20	0.70	5			11/7/2015 00:14	RLD	EPA 8260C
Chloroethane	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.0	5			11/7/2015 00:14	RLD	EPA 8260C
Chloromethane	<0.25	ug/L	0.25	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
cis-1,2-Dichloroethene	51	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.075	ug/L	0.075	0.25	5			11/7/2015 00:14	RLD	EPA 8260C
Dibromochloromethane	<0.080	ug/L	0.080	0.27	5			11/7/2015 00:14	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C
Dichlorodifluoromethane	<0.30	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653431 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 11/3/2015 1340

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.20	ug/L	0.20	0.75	5			11/7/2015 00:14	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
Hexachlorobutadiene	<0.35	ug/L	0.35	1.2	5			11/7/2015 00:14	RLD	EPA 8260C
Isopropylbenzene	<0.25	ug/L	0.25	0.85	5			11/7/2015 00:14	RLD	EPA 8260C
m & p-Xylene	<0.60	ug/L	0.60	2.0	5			11/7/2015 00:14	RLD	EPA 8260C
Methyl tert-butyl ether	0.21	ug/L	0.20 *	0.75	5			11/7/2015 00:14	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
n-Butylbenzene	<0.25	ug/L	0.25	0.85	5			11/7/2015 00:14	RLD	EPA 8260C
n-Propylbenzene	<0.25	ug/L	0.25	0.80	5			11/7/2015 00:14	RLD	EPA 8260C
Naphthalene	<0.25	ug/L	0.25	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
o-Xylene	<0.25	ug/L	0.25	0.80	5			11/7/2015 00:14	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
sec-Butylbenzene	<0.25	ug/L	0.25	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
Styrene	<0.25	ug/L	0.25	0.75	5			11/7/2015 00:14	RLD	EPA 8260C
tert-Butylbenzene	<0.30	ug/L	0.30	0.95	5			11/7/2015 00:14	RLD	EPA 8260C
Tetrachloroethene	<0.30	ug/L	0.30	1.0	5			11/7/2015 00:14	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	11	5			11/7/2015 00:14	RLD	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	5			11/7/2015 00:14	RLD	EPA 8260C
trans-1,2-Dichloroethene	5.1	ug/L	0.30	1.0	5			11/7/2015 00:14	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.070	ug/L	0.070	0.24	5			11/7/2015 00:14	RLD	EPA 8260C
Trichloroethene	15	ug/L	0.15	0.50	5			11/7/2015 00:14	RLD	EPA 8260C
Trichlorofluoromethane	<0.25	ug/L	0.25	0.90	5			11/7/2015 00:14	RLD	EPA 8260C
Vinyl acetate	<2.5	ug/L	2.5	8.0	5			11/7/2015 00:14	RLD	EPA 8260C
Vinyl chloride	2.3	ug/L	0.080	0.26	5			11/7/2015 00:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653432 Sample Description: MW-5D License/Well #: 4189/010 Sampled: 11/3/2015 1340

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.69	mg/L	0.010	0.032	1			11/5/2015 19:22	NAH	EPA 6010C
Dissolved Manganese	65.7	ug/L	1.6	5.3	1			11/5/2015 19:22	NAH	EPA 6010C

CT LAB Sample#: 653433 Sample Description: MW-105S License/Well #: 4189/043 Sampled: 11/3/2015 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	1910	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.37	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.24	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	20.20	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	3.82	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.19	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	9.3		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-48	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	400	mg/L	5.0	18	1			11/9/2015 14:13	MER	EPA 310.2
Total Chloride	400	mg/L	10	35	10			11/7/2015 06:28	JJF	EPA 9056A
Total Sulfate	56	mg/L	10	34	10			11/7/2015 06:28	JJF	EPA 9056A
Total Organic Carbon	2.4	mg/L	0.40	1.4	1			11/7/2015 00:11	JJF	EPA 9060A
Metals Results										
Total Iron	2.27	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 22:34	NAH	EPA 6010C
Total Manganese	254	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 22:34	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653433 Sample Description: MW-105S

License/Well #: 4189/043 Sampled: 11/3/2015 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 10:25	BMS	Mod RSK 175
Ethane	2.4	ug/L	0.90 *	2.9	1		11/11/2015 07:30	11/11/2015 10:25	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 10:25	BMS	Mod RSK 175
Methane	310	ug/L	20	70	50		11/11/2015 07:30	11/11/2015 14:05	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
1,1,1-Trichloroethane	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	3.3	50			11/8/2015 10:25	RLD	EPA 8260C
1,1,2-Trichloroethane	<2.5	ug/L	2.5	8.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,1-Dichloroethane	48	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,1-Dichloroethene	7.6	ug/L	3.5 *	12	50			11/8/2015 10:25	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.5	ug/L	2.5	8.0	50			11/8/2015 10:25	RLD	EPA 8260C
1,2,3-Trichloropropane	<2.0	ug/L	2.0	6.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.0	ug/L	2.0	6.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.5	ug/L	2.5	8.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<1.5	ug/L	1.5	5.0	50			11/8/2015 10:25	RLD	EPA 8260C
1,2-Dibromoethane	<2.0	ug/L	2.0	7.0	50			11/8/2015 10:25	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C
1,2-Dichloroethane	<2.0	ug/L	2.0	7.0	50			11/8/2015 10:25	RLD	EPA 8260C
1,2-Dichloropropane	<3.0	ug/L	3.0	10	50			11/8/2015 10:25	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<3.0	ug/L	3.0	10	50			11/8/2015 10:25	RLD	EPA 8260C
1,3-Dichlorobenzene	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
1,3-Dichloropropane	<2.0	ug/L	2.0	6.5	50			11/8/2015 10:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653433 Sample Description: MW-105S

License/Well #: 4189/043 Sampled: 11/3/2015 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<2.5	ug/L	2.5	8.0	50			11/8/2015 10:25	RLD	EPA 8260C
2,2-Dichloropropane	<2.0	ug/L	2.0	6.0	50			11/8/2015 10:25	RLD	EPA 8260C
2-Butanone	<40	ug/L	40	140	50			11/8/2015 10:25	RLD	EPA 8260C
2-Chlorotoluene	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C
2-Hexanone	<20	ug/L	20	70	50			11/8/2015 10:25	RLD	EPA 8260C
4-Chlorotoluene	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
4-Methyl-2-pentanone	<20	ug/L	20	70	50			11/8/2015 10:25	RLD	EPA 8260C
Acetone	<45	ug/L	45	160	50			11/8/2015 10:25	RLD	EPA 8260C
Benzene	<3.0	ug/L	3.0	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
Bromobenzene	<2.0	ug/L	2.0	7.0	50			11/8/2015 10:25	RLD	EPA 8260C
Bromochloromethane	<0.85	ug/L	0.85	2.9	50			11/8/2015 10:25	RLD	EPA 8260C
Bromodichloromethane	<0.85	ug/L	0.85	2.9	50			11/8/2015 10:25	RLD	EPA 8260C
Bromoform	<0.90	ug/L	0.90	3.0	50			11/8/2015 10:25	RLD	EPA 8260C
Bromomethane	<4.5	ug/L	4.5	15	50			11/8/2015 10:25	RLD	EPA 8260C
Carbon disulfide	<5.5	ug/L	5.5	19	50			11/8/2015 10:25	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	10	50			11/8/2015 10:25	RLD	EPA 8260C
Chlorobenzene	3.7	ug/L	2.0 *	7.0	50			11/8/2015 10:25	RLD	EPA 8260C
Chloroethane	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	10	50			11/8/2015 10:25	RLD	EPA 8260C
Chloromethane	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
cis-1,2-Dichloroethene	710	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.75	ug/L	0.75	2.5	50			11/8/2015 10:25	RLD	EPA 8260C
Dibromochloromethane	<0.80	ug/L	0.80	2.7	50			11/8/2015 10:25	RLD	EPA 8260C
Dibromomethane	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C
Dichlorodifluoromethane	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653433 Sample Description: MW-105S

License/Well #: 4189/043 Sampled: 11/3/2015 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<2.0	ug/L	2.0	7.5	50			11/8/2015 10:25	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
Hexachlorobutadiene	<3.5	ug/L	3.5	12	50			11/8/2015 10:25	RLD	EPA 8260C
Isopropylbenzene	<2.5	ug/L	2.5	8.5	50			11/8/2015 10:25	RLD	EPA 8260C
m & p-Xylene	<6.0	ug/L	6.0	20	50			11/8/2015 10:25	RLD	EPA 8260C
Methyl tert-butyl ether	<2.0	ug/L	2.0	7.5	50			11/8/2015 10:25	RLD	EPA 8260C
Methylene chloride	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
n-Butylbenzene	<2.5	ug/L	2.5	8.5	50			11/8/2015 10:25	RLD	EPA 8260C
n-Propylbenzene	<2.5	ug/L	2.5	8.0	50			11/8/2015 10:25	RLD	EPA 8260C
Naphthalene	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
o-Xylene	<2.5	ug/L	2.5	8.0	50			11/8/2015 10:25	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
sec-Butylbenzene	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
Styrene	<2.5	ug/L	2.5	7.5	50			11/8/2015 10:25	RLD	EPA 8260C
tert-Butylbenzene	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:25	RLD	EPA 8260C
Tetrachloroethene	<3.0	ug/L	3.0	10	50			11/8/2015 10:25	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	110	50			11/8/2015 10:25	RLD	EPA 8260C
Toluene	<3.0	ug/L	3.0	11	50			11/8/2015 10:25	RLD	EPA 8260C
trans-1,2-Dichloroethene	110	ug/L	3.0	10	50			11/8/2015 10:25	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.70	ug/L	0.70	2.4	50			11/8/2015 10:25	RLD	EPA 8260C
Trichloroethene	1300	ug/L	15	50	500			11/7/2015 00:44	RLD	EPA 8260C
Trichlorofluoromethane	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:25	RLD	EPA 8260C
Vinyl acetate	<25	ug/L	25	80	50			11/8/2015 10:25	RLD	EPA 8260C
Vinyl chloride	6.6	ug/L	0.80	2.6	50			11/8/2015 10:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653434 Sample Description: MW-105S License/Well #: 4189/043 Sampled: 11/3/2015 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.07	mg/L	0.010	0.032	1			11/5/2015 19:27	NAH	EPA 6010C
Dissolved Manganese	204	ug/L	1.6	5.3	1			11/5/2015 19:27	NAH	EPA 6010C

CT LAB Sample#: 653435 Sample Description: MW-105S DUP License/Well #: 4189/043 Sampled: 11/3/2015 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Total	410	mg/L	5.0	18	1			11/9/2015 14:14	MER	EPA 310.2
Total Chloride	410	mg/L	10	35	10			11/7/2015 06:49	JJF	EPA 9056A
Total Sulfate	56	mg/L	10	34	10			11/7/2015 06:49	JJF	EPA 9056A
Total Organic Carbon	2.4	mg/L	0.40	1.4	1			11/7/2015 00:22	JJF	EPA 9060A
Metals Results										
Total Iron	2.27	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 22:39	NAH	EPA 6010C
Total Manganese	257	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 22:39	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 14:14	BMS	Mod RSK 175
Ethane	2.5	ug/L	0.90 *	2.9	1		11/11/2015 07:30	11/11/2015 14:14	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 14:14	BMS	Mod RSK 175
Methane	330	ug/L	20	70	50		11/11/2015 07:30	11/11/2015 14:24	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:54	RLD	EPA 8260C
1,1,1-Trichloroethane	<3.0	ug/L	3.0	11	50			11/8/2015 10:54	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	3.3	50			11/8/2015 10:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653435 Sample Description: MW-105S DUP

License/Well #: 4189/043 Sampled: 11/3/2015 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2-Trichloroethane	<2.5	ug/L	2.5	8.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,1-Dichloroethane	45	ug/L	3.0	9.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,1-Dichloroethene	8.7	ug/L	3.5 *	12	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	9.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.5	ug/L	2.5	8.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2,3-Trichloropropane	<2.0	ug/L	2.0	6.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.0	ug/L	2.0	6.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.5	ug/L	2.5	8.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<1.5	ug/L	1.5	5.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2-Dibromoethane	<2.0	ug/L	2.0	7.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	9.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2-Dichloroethane	<2.0	ug/L	2.0	7.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,2-Dichloropropane	<3.0	ug/L	3.0	10	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<3.0	ug/L	3.0	10	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,3-Dichlorobenzene	<3.0	ug/L	3.0	11	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,3-Dichloropropane	<2.0	ug/L	2.0	6.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
1,4-Dichlorobenzene	<2.5	ug/L	2.5	8.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
2,2-Dichloropropane	<2.0	ug/L	2.0	6.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
2-Butanone	<40	ug/L	40	140	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
2-Chlorotoluene	<3.0	ug/L	3.0	9.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
2-Hexanone	<20	ug/L	20	70	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
4-Chlorotoluene	<2.5	ug/L	2.5	9.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
4-Methyl-2-pentanone	<20	ug/L	20	70	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Acetone	<45	ug/L	45	160	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Benzene	<3.0	ug/L	3.0	9.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653435 Sample Description: MW-105S DUP

License/Well #: 4189/043 Sampled: 11/3/2015 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromobenzene	<2.0	ug/L	2.0	7.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Bromochloromethane	<0.85	ug/L	0.85	2.9	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Bromodichloromethane	<0.85	ug/L	0.85	2.9	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Bromoform	<0.90	ug/L	0.90	3.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Bromomethane	<4.5	ug/L	4.5	15	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Carbon disulfide	<5.5	ug/L	5.5	19	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	10	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Chlorobenzene	3.0	ug/L	2.0 *	7.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Chloroethane	<3.0	ug/L	3.0	11	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	10	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Chloromethane	<2.5	ug/L	2.5	9.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
cis-1,2-Dichloroethene	680	ug/L	3.0	11	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.75	ug/L	0.75	2.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Dibromochloromethane	<0.80	ug/L	0.80	2.7	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Dibromomethane	<3.0	ug/L	3.0	9.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Dichlorodifluoromethane	<3.0	ug/L	3.0	9.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Diisopropyl ether	<2.0	ug/L	2.0	7.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Hexachlorobutadiene	<3.5	ug/L	3.5	12	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Isopropylbenzene	<2.5	ug/L	2.5	8.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
m & p-Xylene	<6.0	ug/L	6.0	20	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Methyl tert-butyl ether	<2.0	ug/L	2.0	7.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
Methylene chloride	<3.0	ug/L	3.0	11	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
n-Butylbenzene	<2.5	ug/L	2.5	8.5	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C
n-Propylbenzene	<2.5	ug/L	2.5	8.0	50		11/8/2015 10:54	11/8/2015 10:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653435 Sample Description: MW-105S DUP License/Well #: 4189/043 Sampled: 11/3/2015 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:54	RLD	EPA 8260C
o-Xylene	<2.5	ug/L	2.5	8.0	50			11/8/2015 10:54	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	50			11/8/2015 10:54	RLD	EPA 8260C
sec-Butylbenzene	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:54	RLD	EPA 8260C
Styrene	<2.5	ug/L	2.5	7.5	50			11/8/2015 10:54	RLD	EPA 8260C
tert-Butylbenzene	<3.0	ug/L	3.0	9.5	50			11/8/2015 10:54	RLD	EPA 8260C
Tetrachloroethene	<3.0	ug/L	3.0	10	50			11/8/2015 10:54	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	110	50			11/8/2015 10:54	RLD	EPA 8260C
Toluene	<3.0	ug/L	3.0	11	50			11/8/2015 10:54	RLD	EPA 8260C
trans-1,2-Dichloroethene	110	ug/L	3.0	10	50			11/8/2015 10:54	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.70	ug/L	0.70	2.4	50			11/8/2015 10:54	RLD	EPA 8260C
Trichloroethene	1200	ug/L	15	50	500			11/7/2015 01:13	RLD	EPA 8260C
Trichlorofluoromethane	<2.5	ug/L	2.5	9.0	50			11/8/2015 10:54	RLD	EPA 8260C
Vinyl acetate	<25	ug/L	25	80	50			11/8/2015 10:54	RLD	EPA 8260C
Vinyl chloride	5.6	ug/L	0.80	2.6	50			11/8/2015 10:54	RLD	EPA 8260C

CT LAB Sample#: 653436 Sample Description: MW-105S DUP License/Well #: 4189/043 Sampled: 11/3/2015 1510

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.06	mg/L	0.010	0.032	1			11/5/2015 19:33	NAH	EPA 6010C
Dissolved Manganese	205	ug/L	1.6	5.3	1			11/5/2015 19:33	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653437 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 11/3/2015 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	1120	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.29	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.46	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	15.53	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	3.60	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.30	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	5.9		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-67	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	390	mg/L	5.0	18	1			11/9/2015 14:20	MER	EPA 310.2
Total Chloride	190	mg/L	10	35	10			11/7/2015 07:09	JJF	EPA 9056A
Total Sulfate	58	mg/L	10	34	10			11/7/2015 07:09	JJF	EPA 9056A
Total Organic Carbon	1.3	mg/L	0.40 *	1.4	1			11/7/2015 00:33	JJF	EPA 9060A
Metals Results										
Total Iron	1.52	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 22:45	NAH	EPA 6010C
Total Manganese	65.6	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 22:45	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 14:32	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 14:32	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 14:32	BMS	Mod RSK 175
Methane	150	ug/L	4.0	14	10		11/11/2015 07:30	11/11/2015 14:41	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	10			11/7/2015 01:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653437 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 11/3/2015 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.1	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.20	0.65	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.7	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,1-Dichloroethane	77	ug/L	0.60	1.9	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,1-Dichloroethene	6.9	ug/L	0.70	2.3	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,1-Dichloropropene	<0.60	ug/L	0.60	1.9	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.6	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.3	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2-Dichloroethane	0.93	ug/L	0.40 *	1.4	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,2-Dichloropropane	<0.60	ug/L	0.60	2.0	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.60	ug/L	0.60	2.0	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.60	ug/L	0.60	2.1	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
2,2-Dichloropropane	<0.40	ug/L	0.40	1.2	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
2-Butanone	<8.0	ug/L	8.0	28	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.9	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
2-Hexanone	<4.0	ug/L	4.0	14	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
4-Chlorotoluene	<0.50	ug/L	0.50	1.8	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C
4-Methyl-2-pentanone	<4.0	ug/L	4.0	14	10		11/7/2015 01:42	11/7/2015 01:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653437 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 11/3/2015 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<9.0	ug/L	9.0	31	10			11/7/2015 01:42	RLD	EPA 8260C
Benzene	<0.60	ug/L	0.60	1.8	10			11/7/2015 01:42	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.4	10			11/7/2015 01:42	RLD	EPA 8260C
Bromochloromethane	<0.17	ug/L	0.17	0.58	10			11/7/2015 01:42	RLD	EPA 8260C
Bromodichloromethane	<0.17	ug/L	0.17	0.58	10			11/7/2015 01:42	RLD	EPA 8260C
Bromoform	<0.18	ug/L	0.18	0.60	10			11/7/2015 01:42	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	2.9	10			11/7/2015 01:42	RLD	EPA 8260C
Carbon disulfide	<1.1	ug/L	1.1	3.8	10			11/7/2015 01:42	RLD	EPA 8260C
Carbon tetrachloride	<0.60	ug/L	0.60	2.0	10			11/7/2015 01:42	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.4	10			11/7/2015 01:42	RLD	EPA 8260C
Chloroethane	1.3	ug/L	0.60 *	2.1	10			11/7/2015 01:42	RLD	EPA 8260C
Chloroform	<0.60	ug/L	0.60	2.0	10			11/7/2015 01:42	RLD	EPA 8260C
Chloromethane	<0.50	ug/L	0.50	1.8	10			11/7/2015 01:42	RLD	EPA 8260C
cis-1,2-Dichloroethene	510	ug/L	6.0	21	100			11/8/2015 11:24	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.15	ug/L	0.15	0.49	10			11/7/2015 01:42	RLD	EPA 8260C
Dibromochloromethane	<0.16	ug/L	0.16	0.54	10			11/7/2015 01:42	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	1.9	10			11/7/2015 01:42	RLD	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	1.9	10			11/7/2015 01:42	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.5	10			11/7/2015 01:42	RLD	EPA 8260C
Ethylbenzene	<0.60	ug/L	0.60	2.1	10			11/7/2015 01:42	RLD	EPA 8260C
Hexachlorobutadiene	<0.70	ug/L	0.70	2.4	10			11/7/2015 01:42	RLD	EPA 8260C
Isopropylbenzene	<0.50	ug/L	0.50	1.7	10			11/7/2015 01:42	RLD	EPA 8260C
m & p-Xylene	<1.2	ug/L	1.2	4.0	10			11/7/2015 01:42	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	10			11/7/2015 01:42	RLD	EPA 8260C
Methylene chloride	<0.60	ug/L	0.60	2.1	10			11/7/2015 01:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653437 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 11/3/2015 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.50	ug/L	0.50	1.7	10			11/7/2015 01:42	RLD	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.6	10			11/7/2015 01:42	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.8	10			11/7/2015 01:42	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.6	10			11/7/2015 01:42	RLD	EPA 8260C
p-Isopropyltoluene	<0.60	ug/L	0.60	2.1	10			11/7/2015 01:42	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.8	10			11/7/2015 01:42	RLD	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.5	10			11/7/2015 01:42	RLD	EPA 8260C
tert-Butylbenzene	<0.60	ug/L	0.60	1.9	10			11/7/2015 01:42	RLD	EPA 8260C
Tetrachloroethene	<0.60	ug/L	0.60	2.0	10			11/7/2015 01:42	RLD	EPA 8260C
Tetrahydrofuran	<6.0	ug/L	6.0	21	10			11/7/2015 01:42	RLD	EPA 8260C
Toluene	<0.60	ug/L	0.60	2.1	10			11/7/2015 01:42	RLD	EPA 8260C
trans-1,2-Dichloroethene	36	ug/L	0.60	2.0	10			11/7/2015 01:42	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.48	10			11/7/2015 01:42	RLD	EPA 8260C
Trichloroethene	3.5	ug/L	0.30	1.0	10			11/7/2015 01:42	RLD	EPA 8260C
Trichlorofluoromethane	<0.50	ug/L	0.50	1.8	10			11/7/2015 01:42	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	16	10			11/7/2015 01:42	RLD	EPA 8260C
Vinyl chloride	8.3	ug/L	0.16	0.52	10			11/7/2015 01:42	RLD	EPA 8260C

CT LAB Sample#: 653438 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 11/3/2015 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.36	mg/L	0.010	0.032	1			11/5/2015 19:38	NAH	EPA 6010C
Dissolved Manganese	51.0	ug/L	1.6	5.3	1			11/5/2015 19:38	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653439 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 11/3/2015 1625

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	791	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.40	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.71	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	13.02	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	3.84	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.06	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-120	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	380	mg/L	5.0	18	1			11/9/2015 14:26	MER	EPA 310.2
Total Chloride	90	mg/L	1.0	3.5	1			11/7/2015 07:30	JJF	EPA 9056A
Total Sulfate	<1.0	mg/L	1.0	3.4	1			11/7/2015 07:30	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1			11/7/2015 00:44	JJF	EPA 9060A
Metals Results										
Total Iron	2.80	mg/L	0.020	0.065	1		11/13/2015 11:00	11/16/2015 22:51	NAH	EPA 6010C
Total Manganese	394	ug/L	1.4	4.7	1		11/13/2015 11:00	11/16/2015 22:51	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 14:50	BMS	Mod RSK 175
Ethane	1.2	ug/L	0.90 *	2.9	1		11/11/2015 07:30	11/11/2015 14:50	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 14:50	BMS	Mod RSK 175
Methane	2600	ug/L	80	280	200		11/11/2015 07:30	11/11/2015 15:13	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653439 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 11/3/2015 1625

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 23:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 23:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 23:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 23:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 23:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 23:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 23:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 23:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 23:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 23:46	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 23:46	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 23:46	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 23:46	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 23:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653439 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 11/3/2015 1625

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 23:46	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 23:46	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:46	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 23:46	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 23:46	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 23:46	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 23:46	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 23:46	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:46	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 23:46	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:46	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.075	ug/L	0.060 *	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 23:46	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 23:46	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 23:46	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/6/2015 23:46	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 23:46	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/6/2015 23:46	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 23:46	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653439 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 11/3/2015 1625

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 23:46	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 23:46	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:46	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/6/2015 23:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:46	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/6/2015 23:46	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 23:46	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:46	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/6/2015 23:46	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/6/2015 23:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/6/2015 23:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/6/2015 23:46	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/6/2015 23:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 23:46	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/6/2015 23:46	RLD	EPA 8260C
Vinyl chloride	0.028	ug/L	0.016 *	0.052	1			11/6/2015 23:46	RLD	EPA 8260C

CT LAB Sample#: 653440 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 11/3/2015 1625

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	2.67	mg/L	0.010	0.032	1	M		11/5/2015 19:44	NAH	EPA 6010C
Dissolved Manganese	313	ug/L	1.6	5.3	1			11/5/2015 19:44	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653465 Sample Description: TRIP BLANK 1

License/Well #: 4189/999 Sampled: 11/3/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:11	17:11	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/6/2015 17:11	17:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653465 Sample Description: TRIP BLANK 1

License/Well #: 4189/999 Sampled: 11/3/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 17:11	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 17:11	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 17:11	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 17:11	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 17:11	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 17:11	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 17:11	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 17:11	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 17:11	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 17:11	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 17:11	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 17:11	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 17:11	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 17:11	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 17:11	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 17:11	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 17:11	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 17:11	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 17:11	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 17:11	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 17:11	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 17:11	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/6/2015 17:11	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 17:11	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/6/2015 17:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653465	Sample Description: TRIP BLANK 1	License/Well #: 4189/999	Sampled: 11/3/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/6/2015 17:11	11/6/2015 17:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Pat M. Letterer
 Project Manager
 608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Company: **Tetra Tech**
 Project Contact: **Mark Manthey**
 Telephone: **262 792 1282**
 Project Name: **Oconomowoc Electropainting**
 Project #: **117-7413001.01**
 Location: **Oconomowoc, WI**
 Sampled By: **Ashley Kowalewski**

CT LABORATORIES, INC.
 1230 Lange Court, Baraboo, WI 53913
 2760 Fax 608-356-2766
 www.ctlaboratories.com
 Folder #: **115169**
 Company: **TETRA TECH**
 Project: **OCONOMOWOC ELEC**
 Logged By: **JLS** PM: **PM**

Report To:
 EMAIL: **mark.manthey@tetratech.com**
 Company: **TetraTech**
 Address: **175 N Corporate Dr Suite 100 Brookfield WI 53045**
 Invoice To: *
 EMAIL:
 Company:
 Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

ICP Dissolved is filtered*

ANALYSES REQUESTED

Filtered? Y/N	total organic carbon	ICP total	ICP Dissolved	aik/Chloride/alkali	VOCs 8260B	low level	meth.eth, ether, dis												Total # Containers	Designated MS/MSD
---------------	----------------------	-----------	---------------	---------------------	------------	-----------	----------------------	--	--	--	--	--	--	--	--	--	--	--	--------------------	-------------------

Turnaround Time
 Normal RUSH*
 Date Needed: _____
 Rush analysis requires prior CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Collection		Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test												Total # Containers	Designated MS/MSD	CT Lab ID # Lab use only
Date	Time																			
11-3-15	950	GW	grab		PW-09	X	X	X	X	3	X								3	653389
	1010				PW-04					3									3	653419
	1120				MW-1D	1	1	1	1	3	3								10	653420/425
	1200				MW-1S	1	1	1	1	3	3								10	653427/428
	1255				MW-9S	1	1	1	1	3	3								10	653429/430
	1340				MW-5D	1	1	1	1	3	3								10	653431/432
	1505				MW-105S	1	1	1	1	3	3								10	653433/434
	1510				MW-105S DUP	1	1	1	1	3	3								10	653435/436
	1550				MW-105D	1	1	1	1	3	3								10	653437/438
	1625				MW-105B	1	1	1	1	3	3								10	653439/440
	-	-	DI		Trip Blank 1					3									3	653465

Relinquished By: **Ashley Kowalewski** Date/Time: **11-3-15 11:45**
 Received By: **[Signature]** Date/Time: **11/4/15 11:00**
 Received for Laboratory by: **[Signature]** Date/Time: **11/4/15 11:00**
 Lab Use Only:
 Ice Present: **Yes** No
 Temp: **2.1** IR Gun #: **11**
 Cooler #: **5723**

CT Laboratories Terms and Conditions

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephoning (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples and meeting the acceptance criteria, outlined in the NELAP standards and Section 5.6.3.2 of the DOD GSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the Chain-of-Custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information, the final report will be qualified. (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the laboratory cannot determine the identity of a sample, it will be rejected and the client will be contacted for further instructions or resampling. (3) be in an appropriate sample container, if the container is inappropriate, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservation methods requested. (4) adhere to specified holding times. If samples are received with less than 1/2 the holding time remaining for the requested test, CT Laboratories will make the best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified. (5) contain adequate sample volumes to perform the necessary testing. If sufficient volume is not present, the sample will be rejected and the client will be contacted for further instructions or resampling. If samples show signs of damage, contamination or inadequate preservation, the client will be notified. If analysis can be performed, the final report will be qualified. If not, the samples will be rejected and the client notified for further instructions or resampling.

1.2 CT Laboratories must be supplied with complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.

1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the date of Payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold delivery of data until this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or contractual change to the Scope of Work, and such agreement is documented in writing.

3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or acceleration in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.

3.3 Suspension or termination of all or any part of the work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manual. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analysis under the standard Quality Manuals then in effect, and CTL will not be responsible for any resampling or other charges if CTL is held to comply with a subsequently finalized QAPP.

4.2 CTL shall start preparation and/or analysis within holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provides sufficient guidance. Reanalysis of samples with CTL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.

4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any deactivation or revocation of any license, or notice of other, which affects work in progress.

4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.

4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL, will be limited to repairing any services performed, contingent on the Client's providing, at the request of CTL, and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If reanalysis is necessary, CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars (\$100/\$150) per sample, whichever is less.

4.6 CTL's liability for any and all costs of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.

4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL, which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.

5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL, shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.

5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to independently defend its data.

5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories. If, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission, CTL will in no way be liable for any subcontracted services and all applicable warranties, licenses and insurance are those of the subcontracted laboratory.

5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client. In a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).

5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for the (5) years.

5.7 In the event that CTL is required to respond to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and expenses related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/aggregate), Comprehensive Automobile Liability, owned and hired, (\$1,000,000 combined single limit), and Professional/Predation Liability Insurance (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.

7. AUDIT

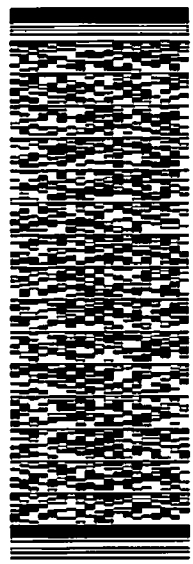
7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

ORIGIN: D:RRLA (262) 792-1282
DAN MORGAN
TEGRA TECH
175 N CORPORATE DRIVE
STE 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 03NOV15
ACTWGT: 30.00 LB
CAD: 1104355NET/3670
DIM3: 23x15x14 IN
BILL SENDER

TO PATRICK LETTERER
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913
REF: 1177413001 01
DEPT
INV (608) 356-2780
PO



TRK# 7748 9430 0483
0201

WED - 04 NOV 10:30A
PRIORITY OVERNIGHT
DSR

55 MSNA

WI-US
53913
MSN



539.023F563100

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Ice Present Yes No
 Temperature 2.1
 Initials [Signature]
 Date 11/4/15 Time 10:50
 Cooler # 5723

QC SUMMARY REPORT

TETRA TECH

**Project Name: OCONOMOWOC
 ELECTROPLATING**

SDG #: 0

Folder #: 115169

Project Number: 117-7413001.01

Duplicate

Analytical Run #:	120630	Analysis Date:	11/12/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	657932	Analysis Time:	14:50	Prep Date/Time:	Method:	SW9056A
Parent Sample #:	653420	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	5.43	mg/L	5.8					7	20
Total Sulfate	1.00	mg/L	0	U				0	20

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120630	Analysis Date:	11/10/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	656666	Analysis Time:	10:21	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	15.28	mg/L			15.00	102	80 --- 120		
Sulfate	24.55	mg/L			25.00	98	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120630	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	656672	Analysis Time:	01:15	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	15.20	mg/L			15.00	101	80 --- 120		
Sulfate	24.31	mg/L			25.00	97	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120630	Analysis Date:	11/10/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	656319	Analysis Time:	10:42	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	1.0	mg/L		U	0		1.0		
Sulfate	1.0	mg/L		U	0		1.0		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120630	Analysis Date:	11/7/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	656669	Analysis Time:	01:36	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	1.0	mg/L		U	0		1.0		
Sulfate	1.0	mg/L		U	0		1.0		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120630	Analysis Date:	11/12/2015	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	657934	Analysis Time:	15:11	Prep Date/Time:		Method:	SW9056A
Parent Sample #:	653420	Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	13.5	mg/L	5.8		8.00	96	80 --- 120		20
Total Sulfate	8.38	mg/L	BDL		8.00	105	80 --- 120		20

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120671	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655860	Analysis Time:	16:23	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.25	mg/L			50.00	106	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120671	Analysis Date:	11/6/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	655861	Analysis Time:	16:38	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.4	mg/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	120730	Analysis Date:	11/9/2015	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	655525	Analysis Time:	14:09	Prep Date/Time:		Method:	E310.2
Parent Sample #:	653420	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity Dissolved	364	mg/L	370					2	10
Alkalinity Total	364	mg/L	370					2	7

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120730	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655257	Analysis Time:	14:02	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	370.0	mg/L			375.0	99	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120730	Analysis Date:	11/9/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	655258	Analysis Time:	14:03	Prep Date/Time:		Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	7	mg/L		U	0			7	

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120599	Analysis Date:	11/5/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656121	Analysis Time:	20:11	Prep Date/Time:	Method:	SW6010
Parent Sample #:	656120	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	5.16	mg/L	2.67		2.00	124	72 --- 113	4	18
Manganese	1100	ug/L	313		1000	79	67 --- 121	6	13

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120599	Analysis Date:	11/5/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656120	Analysis Time:	20:05	Prep Date/Time:	Method:	SW6010
Parent Sample #:	653440	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	4.94	mg/L	2.67		2.00	114	72 --- 113		18
Manganese	1040	ug/L	313		1000	73	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120955	Analysis Date:	11/16/2015	Prep Batch #:	55082	Matrix:	LIQUID
CTLab #:	657986	Analysis Time:	21:27	Prep Date/Time:	11/13/2015 1:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.3980	mg/L			0.4000	100	80 --- 115		
Manganese	192.0	ug/L			200.0	96	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120955	Analysis Date:	11/16/2015	Prep Batch #:	55082	Matrix:	LIQUID
CTLab #:	657985	Analysis Time:	21:33	Prep Date/Time:	11/13/2015 1:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120955	Analysis Date:	11/16/2015	Prep Batch #:	55082	Matrix:	GROUND WATER
CTLab #:	657988	Analysis Time:	22:11	Prep Date/Time:	11/13/2015 1:00	Method:	SW6010
Parent Sample #:	657987	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.344	mg/L	BDL		0.400	86	72 --- 118	7	11
Manganese	267	ug/L	76.7		200	95	84 --- 111	8	7

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120955	Analysis Date:	11/16/2015	Prep Batch #:	55082	Matrix:	GROUND WATER
CTLab #:	657987	Analysis Time:	22:05	Prep Date/Time:	11/13/2015 1:00	Method:	SW6010
Parent Sample #:	653427	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.320	mg/L	BDL		0.400	80	72 --- 118		
Manganese	246	ug/L	76.7		200	85	84 --- 111		

Lab Control Spike Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655040	Analysis Time:	15:44	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.26	ug/L			4.00	106	74 --- 127		
1,1,1-Trichloroethane	4.28	ug/L			4.00	107	73 --- 132		
1,1,2,2-Tetrachloroethane	4.14	ug/L			4.00	104	67 --- 129		
1,1,2-Trichloroethane	4.14	ug/L			4.00	104	73 --- 129		
1,1-Dichloroethane	4.14	ug/L			4.00	104	73 --- 129		
1,1-Dichloroethene	4.36	ug/L			4.00	109	73 --- 132		
1,1-Dichloropropene	4.22	ug/L			4.00	106	75 --- 125		
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	68 --- 120		
1,2,3-Trichlorobenzene	4.39	ug/L			4.00	110	72 --- 125		
1,2,3-Trichloropropane	3.98	ug/L			4.00	100	68 --- 136		
1,2,4-Trichlorobenzene	4.29	ug/L			4.00	107	67 --- 124		
1,2,4-Trimethylbenzene	4.37	ug/L			4.00	109	77 --- 123		
1,2-Dibromo-3-chloropropane	4.22	ug/L			4.00	106	56 --- 138		
1,2-Dibromoethane	4.20	ug/L			4.00	105	76 --- 127		
1,2-Dichlorobenzene	4.27	ug/L			4.00	107	82 --- 120		
1,2-Dichloroethane	4.10	ug/L			4.00	102	72 --- 134		
1,2-Dichloropropane	4.08	ug/L			4.00	102	76 --- 124		
1,3,5-Trimethylbenzene	4.42	ug/L			4.00	110	77 --- 124		
1,3-Dichlorobenzene	4.34	ug/L			4.00	108	81 --- 120		
1,3-Dichloropropane	4.07	ug/L			4.00	102	76 --- 125		
1,4-Dichlorobenzene	4.16	ug/L			4.00	104	80 --- 120		
2,2-Dichloropropane	4.16	ug/L			4.00	104	54 --- 144		
2-Butanone	38.7	ug/L			40.0	97	57 --- 144		
2-Chlorotoluene	4.25	ug/L			4.00	106	77 --- 123		
2-Hexanone	39.4	ug/L			40.0	98	61 --- 132		
4-Chlorotoluene	4.33	ug/L			4.00	108	76 --- 124		
4-Methyl-2-pentanone	41.0	ug/L			40.0	102	64 --- 135		
Acetone	32.5	ug/L			40.0	81	51 --- 152		
Benzene	4.26	ug/L			4.00	106	80 --- 122		
Bromobenzene	4.30	ug/L			4.00	108	81 --- 120		
Bromochloromethane	4.05	ug/L			4.00	101	78 --- 126		
Bromodichloromethane	4.25	ug/L			4.00	106	67 --- 132		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	4.09	ug/L			4.00	102	55 --- 132		
Bromomethane	4.19	ug/L			4.00	105	65 --- 141		
Carbon disulfide	8.52	ug/L			8.00	106	61 --- 140		
Carbon tetrachloride	4.36	ug/L			4.00	109	72 --- 133		
Chlorobenzene	4.20	ug/L			4.00	105	80 --- 122		
Chloroethane	4.09	ug/L			4.00	102	71 --- 134		
Chloroform	4.18	ug/L			4.00	104	73 --- 127		
Chloromethane	3.93	ug/L			4.00	98	72 --- 128		
cis-1,2-Dichloroethene	4.27	ug/L			4.00	107	76 --- 127		

Lab Control Spike Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655040	Analysis Time:	15:44	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	4.23	ug/L			4.00	106	72 --- 125		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	4.18	ug/L			4.00	104	60 --- 131		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 121		
Dibromomethane	3.98	ug/L			4.00	100	76 --- 129		
Dichlorodifluoromethane	4.17	ug/L			4.00	104	64 --- 149		
Diisopropyl ether	4.19	ug/L			4.00	105	62 --- 137		
Ethylbenzene	4.30	ug/L			4.00	108	80 --- 121		
Hexachlorobutadiene	4.09	ug/L			4.00	102	71 --- 131		
Isopropylbenzene	4.39	ug/L			4.00	110	75 --- 122		
m & p-Xylene	8.63	ug/L			8.00	108	80 --- 121		
Methyl tert-butyl ether	4.13	ug/L			4.00	103	63 --- 135		
Methylene chloride	4.10	ug/L			4.00	102	38 --- 174		
n-Butylbenzene	4.25	ug/L			4.00	106	71 --- 125		
n-Propylbenzene	4.41	ug/L			4.00	110	76 --- 122		
Naphthalene	4.34	ug/L			4.00	108	64 --- 126		
o-Xylene	4.26	ug/L			4.00	106	77 --- 120		
p-Isopropyltoluene	4.39	ug/L			4.00	110	76 --- 122		
sec-Butylbenzene	4.33	ug/L			4.00	108	75 --- 122		
Styrene	4.35	ug/L			4.00	109	76 --- 121		
tert-Butylbenzene	4.43	ug/L			4.00	111	77 --- 120		
Tetrachloroethene	4.28	ug/L			4.00	107	75 --- 127		
Tetrahydrofuran	39.9	ug/L			40.0	100	60 --- 131		
Toluene	4.32	ug/L			4.00	108	80 --- 122		
trans-1,2-Dichloroethene	4.26	ug/L			4.00	106	68 --- 136		
trans-1,3-Dichloropropene	4.31	ug/L			4.00	108	65 --- 126		
Trichloroethene	4.35	ug/L			4.00	109	78 --- 126		
Trichlorofluoromethane	4.28	ug/L			4.00	107	70 --- 145		
Vinyl acetate	44.4	ug/L			40.0	111	38 --- 152		
Vinyl chloride	4.24	ug/L			4.00	106	71 --- 135		

Method Blank Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655094	Analysis Time:	16:42	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	103	% Recovery			100	103	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	0.9	ug/L		U	0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.0667	ug/L			0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655094	Analysis Time:	16:42	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	101	% Recovery			100	101	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	101	% Recovery			100	101	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.06	ug/L		U	0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.6	ug/L		U	0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

Matrix Spike Duplicate Water

Analytical Run #:	120653	Analysis Date:	11/8/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655157	Analysis Time:	14:46	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	655156	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.52	ug/L	BDL		4.00	88	71 --- 136	11	21
1,1,1-Trichloroethane	3.80	ug/L	BDL		4.00	95	77 --- 150	12	20
1,1,2,2-Tetrachloroethane	3.33	ug/L	BDL		4.00	83	68 --- 139	9	22
1,1,2-Trichloroethane	3.47	ug/L	BDL		4.00	87	70 --- 139	5	25
1,1-Dichloroethane	3.65	ug/L	0.11		4.00	88	65 --- 149	12	25
1,1-Dichloroethene	3.95	ug/L	BDL		4.00	99	56 --- 164	12	24
1,1-Dichloropropene	4.00	ug/L	BDL		4.00	100	65 --- 146	9	21
1,2 Dichloroethane-d4	92.0	% Recovery			100	92.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.68	ug/L	BDL		4.00	92	62 --- 135	8	31
1,2,3-Trichloropropane	3.17	ug/L	BDL		4.00	79	66 --- 145	4	26
1,2,4-Trichlorobenzene	3.62	ug/L	BDL		4.00	90	61 --- 132	6	29
1,2,4-Trimethylbenzene	3.79	ug/L	BDL		4.00	95	1 --- 154	13	36
1,2-Dibromo-3-chloropropane	3.06	ug/L	BDL		4.00	76	49 --- 144	4	34
1,2-Dibromoethane	3.40	ug/L	BDL		4.00	85	76 --- 132	10	22
1,2-Dichlorobenzene	3.62	ug/L	BDL		4.00	90	78 --- 128	9	23
1,2-Dichloroethane	3.36	ug/L	BDL		4.00	84	70 --- 147	8	21
1,2-Dichloropropane	3.40	ug/L	BDL		4.00	85	72 --- 138	11	19
1,3,5-Trimethylbenzene	3.81	ug/L	BDL		4.00	95	1 --- 151	11	34
1,3-Dichlorobenzene	3.67	ug/L	BDL		4.00	92	78 --- 127	11	22
1,3-Dichloropropane	3.42	ug/L	BDL		4.00	86	73 --- 136	6	23
1,4-Dichlorobenzene	3.54	ug/L	BDL		4.00	88	78 --- 127	10	22
2,2-Dichloropropane	3.48	ug/L	BDL		4.00	87	50 --- 165	14	21
2-Butanone	31.3	ug/L	BDL		40.0	78	45 --- 160	3	29
2-Chlorotoluene	3.67	ug/L	BDL		4.00	92	74 --- 130	11	20
2-Hexanone	31.5	ug/L	BDL		40.0	79	55 --- 143	9	28
4-Chlorotoluene	3.69	ug/L	BDL		4.00	92	57 --- 131	10	22
4-Methyl-2-pentanone	34.2	ug/L	BDL		40.0	86	58 --- 146	7	29
Acetone	23.1	ug/L	BDL		40.0	58	27 --- 172	7	39
Benzene	3.67	ug/L	BDL		4.00	92	81 --- 134	11	17
Bromobenzene	3.53	ug/L	BDL		4.00	88	80 --- 127	11	20
Bromochloromethane	3.49	ug/L	BDL		4.00	87	73 --- 143	10	22
Bromodichloromethane	3.51	ug/L	BDL		4.00	88	64 --- 139	11	20
Bromofluorobenzene	97.0	% Recovery			100	97.0	67 --- 120		7
Bromoform	3.25	ug/L	BDL		4.00	81	49 --- 125	11	28
Bromomethane	3.68	ug/L	BDL		4.00	92	59 --- 167	18	34
Carbon disulfide	7.68	ug/L	BDL		8.00	96	12 --- 140	11	31
Carbon tetrachloride	4.01	ug/L	BDL		4.00	100	74 --- 153	11	20
Chlorobenzene	3.57	ug/L	BDL		4.00	89	82 --- 130	11	21
Chloroethane	3.89	ug/L	BDL		4.00	97	64 --- 165	10	26
Chloroform	3.58	ug/L	BDL		4.00	90	73 --- 138	11	18
Chloromethane	3.41	ug/L	BDL		4.00	85	62 --- 157	15	21
cis-1,2-Dichloroethene	3.64	ug/L	BDL		4.00	91	75 --- 152	10	21

Matrix Spike Duplicate Water

Analytical Run #:	120653	Analysis Date:	11/8/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655157	Analysis Time:	14:46	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	655156	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.40	ug/L	BDL		4.00	85	61 --- 129	9	21
d8-Toluene	100	% Recovery			100	100	60 --- 119		7
Dibromochloromethane	3.36	ug/L	BDL		4.00	84	56 --- 130	9	23
Dibromofluoromethane	102	% Recovery			100	102	65 --- 128		7
Dibromomethane	3.27	ug/L	BDL		4.00	82	71 --- 142	11	21
Dichlorodifluoromethane	3.95	ug/L	BDL		4.00	99	62 --- 196	12	22
Diisopropyl ether	3.47	ug/L	BDL		4.00	87	46 --- 161	11	27
Ethylbenzene	3.71	ug/L	BDL		4.00	93	52 --- 139	12	24
Hexachlorobutadiene	3.92	ug/L	BDL		4.00	98	66 --- 147	9	30
Isopropylbenzene	3.81	ug/L	BDL		4.00	95	50 --- 135	12	24
m & p-Xylene	7.51	ug/L	BDL		8.00	94	1 --- 156	12	28
Methyl tert-butyl ether	3.40	ug/L	BDL		4.00	85	46 --- 161	9	33
Methylene chloride	3.18	ug/L	BDL		4.00	80	10 --- 181	12	36
n-Butylbenzene	3.88	ug/L	BDL		4.00	97	46 --- 144	10	24
n-Propylbenzene	3.84	ug/L	BDL		4.00	96	51 --- 139	13	23
Naphthalene	3.47	ug/L	BDL		4.00	87	45 --- 135	5	31
o-Xylene	3.60	ug/L	BDL		4.00	90	11 --- 148	13	26
p-Isopropyltoluene	3.90	ug/L	BDL		4.00	98	18 --- 148	11	27
sec-Butylbenzene	3.99	ug/L	BDL		4.00	100	57 --- 138	10	23
Styrene	3.67	ug/L	BDL		4.00	92	1 --- 159	10	40
tert-Butylbenzene	3.93	ug/L	BDL		4.00	98	74 --- 132	11	22
Tetrachloroethene	3.93	ug/L	BDL		4.00	98	79 --- 144	11	21
Tetrahydrofuran	31.8	ug/L	BDL		40.0	80	51 --- 139	6	28
Toluene	3.77	ug/L	BDL		4.00	94	56 --- 141	11	19
trans-1,2-Dichloroethene	3.72	ug/L	BDL		4.00	93	53 --- 161	13	28
trans-1,3-Dichloropropene	3.36	ug/L	BDL		4.00	84	57 --- 124	9	21
Trichloroethene	3.78	ug/L	BDL		4.00	94	74 --- 138	11	19
Trichlorofluoromethane	4.06	ug/L	BDL		4.00	102	83 --- 174	15	23
Vinyl acetate	36.4	ug/L	BDL		40.0	91	0 --- 198	8	25
Vinyl chloride	4.04	ug/L	BDL		4.00	101	65 --- 168	11	21

Matrix Spike Water

Analytical Run #:	120653	Analysis Date:	11/8/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655156	Analysis Time:	14:17	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	653427	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.94	ug/L	BDL		4.00	98	71 --- 136		21
1,1,1-Trichloroethane	4.30	ug/L	BDL		4.00	108	77 --- 150		20
1,1,2,2-Tetrachloroethane	3.63	ug/L	BDL		4.00	91	68 --- 139		22
1,1,2-Trichloroethane	3.63	ug/L	BDL		4.00	91	70 --- 139		25
1,1-Dichloroethane	4.11	ug/L	0.11		4.00	100	65 --- 149		25
1,1-Dichloroethene	4.47	ug/L	BDL		4.00	112	56 --- 164		24
1,1-Dichloropropene	4.37	ug/L	BDL		4.00	109	65 --- 146		21
1,2 Dichloroethane-d4	90.0	% Recovery			100	90.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.97	ug/L	BDL		4.00	99	62 --- 135		31
1,2,3-Trichloropropane	3.28	ug/L	BDL		4.00	82	66 --- 145		26
1,2,4-Trichlorobenzene	3.85	ug/L	BDL		4.00	96	61 --- 132		29
1,2,4-Trimethylbenzene	4.30	ug/L	BDL		4.00	108	1 --- 154		36
1,2-Dibromo-3-chloropropane	3.17	ug/L	BDL		4.00	79	49 --- 144		34
1,2-Dibromoethane	3.74	ug/L	BDL		4.00	94	76 --- 132		22
1,2-Dichlorobenzene	3.97	ug/L	BDL		4.00	99	78 --- 128		23
1,2-Dichloroethane	3.64	ug/L	BDL		4.00	91	70 --- 147		21
1,2-Dichloropropane	3.78	ug/L	BDL		4.00	94	72 --- 138		19
1,3,5-Trimethylbenzene	4.24	ug/L	BDL		4.00	106	1 --- 151		34
1,3-Dichlorobenzene	4.08	ug/L	BDL		4.00	102	78 --- 127		22
1,3-Dichloropropane	3.64	ug/L	BDL		4.00	91	73 --- 136		23
1,4-Dichlorobenzene	3.92	ug/L	BDL		4.00	98	78 --- 127		22
2,2-Dichloropropane	4.00	ug/L	BDL		4.00	100	50 --- 165		21
2-Butanone	32.1	ug/L	BDL		40.0	80	45 --- 160		29
2-Chlorotoluene	4.10	ug/L	BDL		4.00	102	74 --- 130		20
2-Hexanone	34.4	ug/L	BDL		40.0	86	55 --- 143		28
4-Chlorotoluene	4.09	ug/L	BDL		4.00	102	57 --- 131		22
4-Methyl-2-pentanone	36.6	ug/L	BDL		40.0	92	58 --- 146		29
Acetone	24.9	ug/L	BDL		40.0	62	27 --- 172		39
Benzene	4.12	ug/L	BDL		4.00	103	81 --- 134		17
Bromobenzene	3.93	ug/L	BDL		4.00	98	80 --- 127		20
Bromochloromethane	3.86	ug/L	BDL		4.00	96	73 --- 143		22
Bromodichloromethane	3.92	ug/L	BDL		4.00	98	64 --- 139		20
Bromofluorobenzene	96.0	% Recovery			100	96.0	67 --- 120		7
Bromoform	3.62	ug/L	BDL		4.00	90	49 --- 125		28
Bromomethane	4.41	ug/L	BDL		4.00	110	59 --- 167		34
Carbon disulfide	8.58	ug/L	BDL		8.00	107	12 --- 140		31
Carbon tetrachloride	4.46	ug/L	BDL		4.00	112	74 --- 153		20
Chlorobenzene	4.01	ug/L	BDL		4.00	100	82 --- 130		21
Chloroethane	4.29	ug/L	BDL		4.00	107	64 --- 165		26
Chloroform	4.01	ug/L	BDL		4.00	100	73 --- 138		18
Chloromethane	3.97	ug/L	BDL		4.00	99	62 --- 157		21
cis-1,2-Dichloroethene	4.04	ug/L	BDL		4.00	101	75 --- 152		21

Matrix Spike Water

Analytical Run #:	120653	Analysis Date:	11/8/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655156	Analysis Time:	14:17	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	653427	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.74	ug/L	BDL		4.00	94	61 --- 129		21
d8-Toluene	101	% Recovery			100	101	60 --- 119		7
Dibromochloromethane	3.68	ug/L	BDL		4.00	92	56 --- 130		23
Dibromofluoromethane	100	% Recovery			100	100	65 --- 128		7
Dibromomethane	3.65	ug/L	BDL		4.00	91	71 --- 142		21
Dichlorodifluoromethane	4.47	ug/L	BDL		4.00	112	62 --- 196		22
Diisopropyl ether	3.87	ug/L	BDL		4.00	97	46 --- 161		27
Ethylbenzene	4.17	ug/L	BDL		4.00	104	52 --- 139		24
Hexachlorobutadiene	4.27	ug/L	BDL		4.00	107	66 --- 147		30
Isopropylbenzene	4.31	ug/L	BDL		4.00	108	50 --- 135		24
m & p-Xylene	8.50	ug/L	BDL		8.00	106	1 --- 156		28
Methyl tert-butyl ether	3.73	ug/L	BDL		4.00	93	46 --- 161		33
Methylene chloride	3.57	ug/L	BDL		4.00	89	10 --- 181		36
n-Butylbenzene	4.29	ug/L	BDL		4.00	107	46 --- 144		24
n-Propylbenzene	4.35	ug/L	BDL		4.00	109	51 --- 139		23
Naphthalene	3.67	ug/L	BDL		4.00	92	45 --- 135		31
o-Xylene	4.09	ug/L	BDL		4.00	102	11 --- 148		26
p-Isopropyltoluene	4.37	ug/L	BDL		4.00	109	18 --- 148		27
sec-Butylbenzene	4.42	ug/L	BDL		4.00	110	57 --- 138		23
Styrene	4.08	ug/L	BDL		4.00	102	1 --- 159		40
tert-Butylbenzene	4.38	ug/L	BDL		4.00	110	74 --- 132		22
Tetrachloroethene	4.40	ug/L	BDL		4.00	110	79 --- 144		21
Tetrahydrofuran	33.8	ug/L	BDL		40.0	84	51 --- 139		28
Toluene	4.21	ug/L	BDL		4.00	105	56 --- 141		19
trans-1,2-Dichloroethene	4.25	ug/L	BDL		4.00	106	53 --- 161		28
trans-1,3-Dichloropropene	3.68	ug/L	BDL		4.00	92	57 --- 124		21
Trichloroethene	4.22	ug/L	BDL		4.00	106	74 --- 138		19
Trichlorofluoromethane	4.71	ug/L	BDL		4.00	118	83 --- 174		23
Vinyl acetate	39.5	ug/L	BDL		40.0	99	0 --- 198		25
Vinyl chloride	4.49	ug/L	BDL		4.00	112	65 --- 168		21

TETRA TECH

SDG #: 0

Folder #: 115169

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120831	Analysis Date:	11/11/2015	Prep Batch #:	55029	Matrix:	LIQUID
CTLab #:	656351	Analysis Time:	09:28	Prep Date/Time:	11/11/2015 07:30	Method:	RSK175
Parent Sample #:		Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.97	ug/L			3.06	97	70 --- 130		20
Ethane	5.69	ug/L			4.77	119	70 --- 130		20
Ethene	8.13	ug/L			6.79	120	65 --- 124		20
Methane	2.70	ug/L			2.29	118	70 --- 130		20

TETRA TECH

SDG #: 0

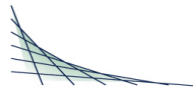
Folder #: 115169

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120831	Analysis Date:	11/11/2015	Prep Batch #:	55029	Matrix:	LIQUID
CTLab #:	656350	Analysis Time:	09:39	Prep Date/Time:	11/11/2015 07:30	Method:	RSK175
Parent Sample #:		Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.9	ug/L		U	0		0.9		
Ethene	1.2	ug/L		U	0		1.2		
Methane	0.4	ug/L		U	0		0.4		



Sample Condition Report

Folder #: 115169	Print Date / Time: 11/04/2015 13:03
Client: TETRA TECH	Received Date / Time / By: 11/04/2015 1100 DJL
Project Name: OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 11/04/2015 1224 JLS
Project Phase:	Project #: 117-7413001.01 PM: PML
Coolers: 5723	Temperature: 2.1 C On Ice: Y
Custody Seals Present : N	COC Present?: Y Complete? Y
Seal Intact? N	Numbers: DATED AND SIGNED
Ship Method: FEDEX EXPRESS	Tracking Number: 774894300483
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: SAMPLES RECEIVED IN GOOD CONDITION ON ICE
NO CUSTODY SEALS PRESENT, TAPE WAS INTACT

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653389 PW-09	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	Total # of Containers of Type (VOA HCL) = 3			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653419 PW-04	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	Total # of Containers of Type (VOA HCL) = 3			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653420 MW-1D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653420 MW-1D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 5			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653420 MW-1D	HNO3	1	/	ICP
Total # of Containers of Type (HNO3) = 1				

653420	MW-1D	H2SO4 PL	1	/	TOC
		Total # of Containers of Type	(H2SO4 PL) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
653425	MW-1D	HNO3	1	/	ICP
		Total # of Containers of Type	(HNO3) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
653427	MW-1S	UNPRES PL	1	/	ALK,Anions
		Total # of Containers of Type	(UNPRES PL) = 1		
653427	MW-1S	VOA HCL	1	/	GAS,VOC
		VOA HCL	1	/	GAS,VOC
		VOA HCL	1	/	GAS,VOC
		VOA HCL	1	/	GAS,VOC
		VOA HCL	1	/	GAS,VOC
		Total # of Containers of Type	(VOA HCL) = 5		
653427	MW-1S	VOA HCL	1	/	GAS,VOC/
		Total # of Containers of Type	(VOA HCL) = 1		
653427	MW-1S	HNO3	1	/	ICP
		Total # of Containers of Type	(HNO3) = 1		
653427	MW-1S	H2SO4 PL	1	/	TOC
		Total # of Containers of Type	(H2SO4 PL) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
653428	MW-1S	HNO3	1	/	ICP
		Total # of Containers of Type	(HNO3) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
653429	MW-9S	UNPRES PL	1	/	ALK,Anions
		Total # of Containers of Type	(UNPRES PL) = 1		
653429	MW-9S	VOA HCL	1	/	GAS,VOC
		VOA HCL	1	/	GAS,VOC
		VOA HCL	1	/	GAS,VOC

VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 5

653429 MW-9S
 VOA HCL 1 / GAS,VOC/
Total # of Containers of Type (VOA HCL) = 1

653429 MW-9S
 HNO3 1 / ICP
Total # of Containers of Type (HNO3) = 1

653429 MW-9S
 H2SO4 PL 1 / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653430 MW-9S
 HNO3 1 / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653431 MW-5D
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

653431 MW-5D
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 5

653431 MW-5D
 VOA HCL 1 / GAS,VOC/
Total # of Containers of Type (VOA HCL) = 1

653431 MW-5D
 HNO3 1 / ICP
Total # of Containers of Type (HNO3) = 1

653431 MW-5D
 H2SO4 PL 1 / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653432 MW-5D
 HNO3 1 / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653433 MW-105S	UNPRES PL Total # of Containers of Type	1	/	ALK,Anions
			(UNPRES PL) = 1	
653433 MW-105S	VOA HCL VOA HCL VOA HCL VOA HCL VOA HCL Total # of Containers of Type	1 1 1 1 1	/ / / / /	GAS,VOC GAS,VOC GAS,VOC GAS,VOC GAS,VOC
			(VOA HCL) = 5	
653433 MW-105S	VOA HCL Total # of Containers of Type	1	/	GAS,VOC/
			(VOA HCL) = 1	
653433 MW-105S	HNO3 Total # of Containers of Type	1	/	ICP
			(HNO3) = 1	
653433 MW-105S	H2SO4 PL Total # of Containers of Type	1	/	TOC
			(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653434 MW-105S	HNO3 Total # of Containers of Type	1	/	ICP
			(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653435 MW-105S DUP	UNPRES PL Total # of Containers of Type	1	/	ALK,Anions
			(UNPRES PL) = 1	
653435 MW-105S DUP	VOA HCL VOA HCL VOA HCL VOA HCL VOA HCL Total # of Containers of Type	1 1 1 1 1	/ / / / /	GAS,VOC GAS,VOC GAS,VOC GAS,VOC GAS,VOC
			(VOA HCL) = 5	
653435 MW-105S DUP	VOA HCL Total # of Containers of Type	1	/	GAS,VOC/
			(VOA HCL) = 1	
653435 MW-105S DUP	HNO3	1	/	ICP

Total # of Containers of Type (HNO3) = 1

653435 MW-105S DUP
 H2SO4 PL 1 / TOC
 Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653436 MW-105S DUP
 HNO3 1 / ICP
 Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653437 MW-105D
 UNPRES PL 1 / ALK,Anions
 Total # of Containers of Type (UNPRES PL) = 1

653437 MW-105D
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 Total # of Containers of Type (VOA HCL) = 5

653437 MW-105D
 VOA HCL 1 / GAS,VOC/
 Total # of Containers of Type (VOA HCL) = 1

653437 MW-105D
 HNO3 1 / ICP
 Total # of Containers of Type (HNO3) = 1

653437 MW-105D
 H2SO4 PL 1 / TOC
 Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653438 MW-105D
 HNO3 1 / ICP
 Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653439 MW-105B
 UNPRES PL 1 / ALK,Anions
 Total # of Containers of Type (UNPRES PL) = 1

653439 MW-105B
 VOA HCL 1 / GAS,VOC

115169

VOA HCL	1	/	GAS,VOC
VOA HCL	1	/	GAS,VOC
VOA HCL	1	/	GAS,VOC
VOA HCL	1	/	GAS,VOC
Total # of Containers of Type		(VOA HCL) = 5	

653439	MW-105B	VOA HCL	1	/	GAS,VOC/
		Total # of Containers of Type		(VOA HCL) = 1	

653439	MW-105B	HNO3	1	/	ICP
		Total # of Containers of Type		(HNO3) = 1	

653439	MW-105B	H2SO4 PL	1	/	TOC
		Total # of Containers of Type		(H2SO4 PL) = 1	

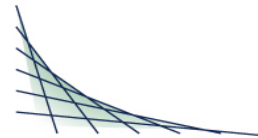
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653440	MW-105B	HNO3	1	/	ICP
		Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653465	TRIP BLANK 1	Trip Blank	1	/	VOC
		Trip Blank	1	/	VOC
		Trip Blank	1	/	VOC
		Total # of Containers of Type		(Trip Blank) = 3	

<u>Condition Code</u>	<u>Condition Description</u>
1	Sample Received OK



ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.



ANALYTICAL REPORT

TETRA TECH
 MARK MANTHEY
 175 N CORPORATE DRIVE
 SUITE 100
 BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
 Project Phase:
 Contract #: 2747
 Project #: 117-7413001.01
 Folder #: 115214
 Purchase Order #:

Page 1 of 48
 Arrival Temperature: 2.9
 Report Date: 11/23/2015
 Date Received: 11/5/2015
 Reprint Date: 12/4/2015

CT LAB Sample#: 653981	Sample Description: MW-103D	License/Well #: 4189/040	Sampled: 11/4/2015 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	923	umhos/cm	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Dissolved Oxygen (Field)	0.46	mg/L	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
pH (Field)	7.11	S.U.	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Temperature (Field)	13.82	Deg. C	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Depth to Groundwater (Field)	6.29	Feet	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Groundwater Elevation (Field)	845.68	Feet MSL	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Turbidity (Field)	0		N/A	N/A	1		12/4/2015 12:30	12:30	PML	
OX/REDOX (Field)	78	MV	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Inorganic Results										
Alkalinity Total	440	mg/L	5.0	18	1		11/9/2015 14:17	14:17	MER	EPA 310.2
Total Chloride	150	mg/L	2.0	7.0	2		11/10/2015 11:03	11:03	JJF	EPA 9056A
Total Sulfate	62	mg/L	2.0	6.8	2		11/10/2015 11:03	11:03	JJF	EPA 9056A
Total Organic Carbon	3.9	mg/L	0.40	1.4	1		11/7/2015 01:02	01:02	JJF	EPA 9060A
Metals Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653981 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 11/4/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Iron	0.0614	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/17/2015 17:23	NAH	EPA 6010C
Total Manganese	309	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 17:23	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 10:06	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 10:06	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 10:06	BMS	Mod RSK 175
Methane	4.5	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 10:06	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
1,1,1-Trichloroethane	46	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	20			11/8/2015 11:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<1.0	ug/L	1.0	3.4	20			11/8/2015 11:53	RLD	EPA 8260C
1,1-Dichloroethane	7.0	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
1,1-Dichloroethene	2.3	ug/L	1.4 *	4.6	20			11/8/2015 11:53	RLD	EPA 8260C
1,1-Dichloropropene	<1.2	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	3.2	20			11/8/2015 11:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.80	ug/L	0.80	2.6	20			11/8/2015 11:53	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.80	ug/L	0.80	2.6	20			11/8/2015 11:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	3.4	20			11/8/2015 11:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.60	ug/L	0.60	2.0	20			11/8/2015 11:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.80	ug/L	0.80	2.8	20			11/8/2015 11:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<1.2	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
1,2-Dichloroethane	<0.80	ug/L	0.80	2.8	20			11/8/2015 11:53	RLD	EPA 8260C
1,2-Dichloropropane	<1.2	ug/L	1.2	4.0	20			11/8/2015 11:53	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<1.2	ug/L	1.2	4.0	20			11/8/2015 11:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653981 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 11/4/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<1.2	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.80	ug/L	0.80	2.6	20			11/8/2015 11:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<1.0	ug/L	1.0	3.2	20			11/8/2015 11:53	RLD	EPA 8260C
2,2-Dichloropropane	<0.80	ug/L	0.80	2.4	20			11/8/2015 11:53	RLD	EPA 8260C
2-Butanone	<16	ug/L	16	56	20			11/8/2015 11:53	RLD	EPA 8260C
2-Chlorotoluene	<1.2	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
2-Hexanone	<8.0	ug/L	8.0	28	20			11/8/2015 11:53	RLD	EPA 8260C
4-Chlorotoluene	<1.0	ug/L	1.0	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<8.0	ug/L	8.0	28	20			11/8/2015 11:53	RLD	EPA 8260C
Acetone	<18	ug/L	18	62	20			11/8/2015 11:53	RLD	EPA 8260C
Benzene	<1.2	ug/L	1.2	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
Bromobenzene	<0.80	ug/L	0.80	2.8	20			11/8/2015 11:53	RLD	EPA 8260C
Bromochloromethane	<0.34	ug/L	0.34	1.2	20			11/8/2015 11:53	RLD	EPA 8260C
Bromodichloromethane	<0.34	ug/L	0.34	1.2	20			11/8/2015 11:53	RLD	EPA 8260C
Bromoform	<0.36	ug/L	0.36	1.2	20			11/8/2015 11:53	RLD	EPA 8260C
Bromomethane	<1.8	ug/L	1.8	5.8	20			11/8/2015 11:53	RLD	EPA 8260C
Carbon disulfide	<2.2	ug/L	2.2	7.6	20			11/8/2015 11:53	RLD	EPA 8260C
Carbon tetrachloride	<1.2	ug/L	1.2	4.0	20			11/8/2015 11:53	RLD	EPA 8260C
Chlorobenzene	<0.80	ug/L	0.80	2.8	20			11/8/2015 11:53	RLD	EPA 8260C
Chloroethane	<1.2	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
Chloroform	<1.2	ug/L	1.2	4.0	20			11/8/2015 11:53	RLD	EPA 8260C
Chloromethane	<1.0	ug/L	1.0	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	48	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.30	ug/L	0.30	0.98	20			11/8/2015 11:53	RLD	EPA 8260C
Dibromochloromethane	<0.32	ug/L	0.32	1.1	20			11/8/2015 11:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653981 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 11/4/2015 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<1.2	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
Dichlorodifluoromethane	<1.2	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
Diisopropyl ether	<0.80	ug/L	0.80	3.0	20			11/8/2015 11:53	RLD	EPA 8260C
Ethylbenzene	<1.2	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
Hexachlorobutadiene	<1.4	ug/L	1.4	4.8	20			11/8/2015 11:53	RLD	EPA 8260C
Isopropylbenzene	<1.0	ug/L	1.0	3.4	20			11/8/2015 11:53	RLD	EPA 8260C
m & p-Xylene	<2.4	ug/L	2.4	8.0	20			11/8/2015 11:53	RLD	EPA 8260C
Methyl tert-butyl ether	<0.80	ug/L	0.80	3.0	20			11/8/2015 11:53	RLD	EPA 8260C
Methylene chloride	<1.2	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
n-Butylbenzene	<1.0	ug/L	1.0	3.4	20			11/8/2015 11:53	RLD	EPA 8260C
n-Propylbenzene	<1.0	ug/L	1.0	3.2	20			11/8/2015 11:53	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
o-Xylene	<1.0	ug/L	1.0	3.2	20			11/8/2015 11:53	RLD	EPA 8260C
p-Isopropyltoluene	<1.2	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
sec-Butylbenzene	<1.0	ug/L	1.0	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
Styrene	<1.0	ug/L	1.0	3.0	20			11/8/2015 11:53	RLD	EPA 8260C
tert-Butylbenzene	<1.2	ug/L	1.2	3.8	20			11/8/2015 11:53	RLD	EPA 8260C
Tetrachloroethene	<1.2	ug/L	1.2	4.0	20			11/8/2015 11:53	RLD	EPA 8260C
Tetrahydrofuran	<12	ug/L	12	42	20			11/8/2015 11:53	RLD	EPA 8260C
Toluene	<1.2	ug/L	1.2	4.2	20			11/8/2015 11:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	<1.2	ug/L	1.2	4.0	20			11/8/2015 11:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.28	ug/L	0.28	0.96	20			11/8/2015 11:53	RLD	EPA 8260C
Trichloroethene	420	ug/L	1.5	5.0	50			11/7/2015 02:11	RLD	EPA 8260C
Trichlorofluoromethane	<1.0	ug/L	1.0	3.6	20			11/8/2015 11:53	RLD	EPA 8260C
Vinyl acetate	<10	ug/L	10	32	20			11/8/2015 11:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653981	Sample Description: MW-103D	License/Well #: 4189/040	Sampled: 11/4/2015 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	0.50	ug/L	0.32 *	1.0	20			11/8/2015 11:53	RLD	EPA 8260C

CT LAB Sample#: 653982	Sample Description: MW-103D	License/Well #: 4189/040	Sampled: 11/4/2015 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0399	mg/L	0.010	0.032	1			11/13/2015 18:41	NAH	EPA 6010C
Dissolved Manganese	280	ug/L	1.6	5.3	1			11/13/2015 18:41	NAH	EPA 6010C

CT LAB Sample#: 653988	Sample Description: MW-103D DUP	License/Well #: 4189/040	Sampled: 11/4/2015 1020
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Total	440	mg/L	5.0	18	1			11/9/2015 14:22	MER	EPA 310.2
Total Chloride	150	mg/L	2.0	7.0	2			11/6/2015 10:44	JJF	EPA 9056A
Total Sulfate	61	mg/L	2.0	6.8	2			11/6/2015 10:44	JJF	EPA 9056A
Total Organic Carbon	4.1	mg/L	0.40	1.4	1			11/7/2015 01:13	JJF	EPA 9060A

Metals Results										
Total Iron	0.0473	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/17/2015 17:45	NAH	EPA 6010C
Total Manganese	294	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 17:45	NAH	EPA 6010C

Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 10:18	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 10:18	BMS	Mod RSK 175

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653988 Sample Description: MW-103D DUP

License/Well #: 4189/040 Sampled: 11/4/2015 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 10:18	BMS	Mod RSK 175
Methane	5.2	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 10:18	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
1,1,1-Trichloroethane	43	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.3	20			11/8/2015 12:21	RLD	EPA 8260C
1,1,2-Trichloroethane	<1.0	ug/L	1.0	3.4	20			11/8/2015 12:21	RLD	EPA 8260C
1,1-Dichloroethane	7.1	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C
1,1-Dichloroethene	2.4	ug/L	1.4 *	4.6	20			11/8/2015 12:21	RLD	EPA 8260C
1,1-Dichloropropene	<1.2	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	3.2	20			11/8/2015 12:21	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.80	ug/L	0.80	2.6	20			11/8/2015 12:21	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.80	ug/L	0.80	2.6	20			11/8/2015 12:21	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	3.4	20			11/8/2015 12:21	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.60	ug/L	0.60	2.0	20			11/8/2015 12:21	RLD	EPA 8260C
1,2-Dibromoethane	<0.80	ug/L	0.80	2.8	20			11/8/2015 12:21	RLD	EPA 8260C
1,2-Dichlorobenzene	<1.2	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C
1,2-Dichloroethane	<0.80	ug/L	0.80	2.8	20			11/8/2015 12:21	RLD	EPA 8260C
1,2-Dichloropropane	<1.2	ug/L	1.2	4.0	20			11/8/2015 12:21	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<1.2	ug/L	1.2	4.0	20			11/8/2015 12:21	RLD	EPA 8260C
1,3-Dichlorobenzene	<1.2	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
1,3-Dichloropropane	<0.80	ug/L	0.80	2.6	20			11/8/2015 12:21	RLD	EPA 8260C
1,4-Dichlorobenzene	<1.0	ug/L	1.0	3.2	20			11/8/2015 12:21	RLD	EPA 8260C
2,2-Dichloropropane	<0.80	ug/L	0.80	2.4	20			11/8/2015 12:21	RLD	EPA 8260C
2-Butanone	<16	ug/L	16	56	20			11/8/2015 12:21	RLD	EPA 8260C
2-Chlorotoluene	<1.2	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653988 Sample Description: MW-103D DUP

License/Well #: 4189/040 Sampled: 11/4/2015 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<8.0	ug/L	8.0	28	20			11/8/2015 12:21	RLD	EPA 8260C
4-Chlorotoluene	<1.0	ug/L	1.0	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
4-Methyl-2-pentanone	<8.0	ug/L	8.0	28	20			11/8/2015 12:21	RLD	EPA 8260C
Acetone	<18	ug/L	18	62	20			11/8/2015 12:21	RLD	EPA 8260C
Benzene	<1.2	ug/L	1.2	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
Bromobenzene	<0.80	ug/L	0.80	2.8	20			11/8/2015 12:21	RLD	EPA 8260C
Bromochloromethane	<0.34	ug/L	0.34	1.2	20			11/8/2015 12:21	RLD	EPA 8260C
Bromodichloromethane	<0.34	ug/L	0.34	1.2	20			11/8/2015 12:21	RLD	EPA 8260C
Bromoform	<0.36	ug/L	0.36	1.2	20			11/8/2015 12:21	RLD	EPA 8260C
Bromomethane	<1.8	ug/L	1.8	5.8	20			11/8/2015 12:21	RLD	EPA 8260C
Carbon disulfide	<2.2	ug/L	2.2	7.6	20			11/8/2015 12:21	RLD	EPA 8260C
Carbon tetrachloride	<1.2	ug/L	1.2	4.0	20			11/8/2015 12:21	RLD	EPA 8260C
Chlorobenzene	<0.80	ug/L	0.80	2.8	20			11/8/2015 12:21	RLD	EPA 8260C
Chloroethane	<1.2	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
Chloroform	<1.2	ug/L	1.2	4.0	20			11/8/2015 12:21	RLD	EPA 8260C
Chloromethane	<1.0	ug/L	1.0	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
cis-1,2-Dichloroethene	50	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.30	ug/L	0.30	0.98	20			11/8/2015 12:21	RLD	EPA 8260C
Dibromochloromethane	<0.32	ug/L	0.32	1.1	20			11/8/2015 12:21	RLD	EPA 8260C
Dibromomethane	<1.2	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C
Dichlorodifluoromethane	<1.2	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C
Diisopropyl ether	<0.80	ug/L	0.80	3.0	20			11/8/2015 12:21	RLD	EPA 8260C
Ethylbenzene	<1.2	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
Hexachlorobutadiene	<1.4	ug/L	1.4	4.8	20			11/8/2015 12:21	RLD	EPA 8260C
Isopropylbenzene	<1.0	ug/L	1.0	3.4	20			11/8/2015 12:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653988 Sample Description: MW-103D DUP

License/Well #: 4189/040 Sampled: 11/4/2015 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<2.4	ug/L	2.4	8.0	20			11/8/2015 12:21	RLD	EPA 8260C
Methyl tert-butyl ether	<0.80	ug/L	0.80	3.0	20			11/8/2015 12:21	RLD	EPA 8260C
Methylene chloride	<1.2	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
n-Butylbenzene	<1.0	ug/L	1.0	3.4	20			11/8/2015 12:21	RLD	EPA 8260C
n-Propylbenzene	<1.0	ug/L	1.0	3.2	20			11/8/2015 12:21	RLD	EPA 8260C
Naphthalene	<1.0	ug/L	1.0	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
o-Xylene	<1.0	ug/L	1.0	3.2	20			11/8/2015 12:21	RLD	EPA 8260C
p-Isopropyltoluene	<1.2	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
sec-Butylbenzene	<1.0	ug/L	1.0	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
Styrene	<1.0	ug/L	1.0	3.0	20			11/8/2015 12:21	RLD	EPA 8260C
tert-Butylbenzene	<1.2	ug/L	1.2	3.8	20			11/8/2015 12:21	RLD	EPA 8260C
Tetrachloroethene	<1.2	ug/L	1.2	4.0	20			11/8/2015 12:21	RLD	EPA 8260C
Tetrahydrofuran	<12	ug/L	12	42	20			11/8/2015 12:21	RLD	EPA 8260C
Toluene	<1.2	ug/L	1.2	4.2	20			11/8/2015 12:21	RLD	EPA 8260C
trans-1,2-Dichloroethene	<1.2	ug/L	1.2	4.0	20			11/8/2015 12:21	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.28	ug/L	0.28	0.96	20			11/8/2015 12:21	RLD	EPA 8260C
Trichloroethene	430	ug/L	1.5	5.0	50			11/7/2015 02:40	RLD	EPA 8260C
Trichlorofluoromethane	<1.0	ug/L	1.0	3.6	20			11/8/2015 12:21	RLD	EPA 8260C
Vinyl acetate	<10	ug/L	10	32	20			11/8/2015 12:21	RLD	EPA 8260C
Vinyl chloride	0.74	ug/L	0.32 *	1.0	20			11/8/2015 12:21	RLD	EPA 8260C

CT LAB Sample#: 653989 Sample Description: MW-103D DUP

License/Well #: 4189/040 Sampled: 11/4/2015 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Metals Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653989	Sample Description: MW-103D DUP	License/Well #: 4189/040	Sampled: 11/4/2015 1020
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dissolved Iron	0.0419	mg/L	0.010	0.032	1			11/13/2015 18:47	NAH	EPA 6010C
Dissolved Manganese	282	ug/L	1.6	5.3	1			11/13/2015 18:47	NAH	EPA 6010C

CT LAB Sample#: 653992	Sample Description: MW-103S	License/Well #: 4189/039	Sampled: 11/4/2015 1100
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Field Results

Conductivity (Field)	896	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.65	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.04	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	18.20	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	6.62	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.22	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	134	MV	N/A	N/A	1			12/4/2015 12:30	PML	

Inorganic Results

Alkalinity Total	550	mg/L	5.0	18	1			11/9/2015 14:23	MER	EPA 310.2
Total Chloride	89	mg/L	1.0	3.5	1			11/6/2015 11:05	JJF	EPA 9056A
Total Sulfate	88	mg/L	1.0	3.4	1			11/6/2015 11:05	JJF	EPA 9056A
Total Organic Carbon	6.9	mg/L	0.40	1.4	1			11/7/2015 01:52	JJF	EPA 9060A

Metals Results

Total Iron	0.0491	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/17/2015 17:51	NAH	EPA 6010C
Total Manganese	449	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 17:51	NAH	EPA 6010C

Organic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653992 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 11/4/2015 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 10:27	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 10:27	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 10:27	BMS	Mod RSK 175
Methane	11	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 10:27	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
1,1,1-Trichloroethane	39	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.20	0.65	10			11/7/2015 03:09	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.7	10			11/7/2015 03:09	RLD	EPA 8260C
1,1-Dichloroethane	12	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
1,1-Dichloroethene	5.1	ug/L	0.70	2.3	10			11/7/2015 03:09	RLD	EPA 8260C
1,1-Dichloropropene	<0.60	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.6	10			11/7/2015 03:09	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.3	10			11/7/2015 03:09	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	10			11/7/2015 03:09	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	10			11/7/2015 03:09	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	10			11/7/2015 03:09	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	10			11/7/2015 03:09	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
1,2-Dichloroethane	1.2	ug/L	0.40 *	1.4	10			11/7/2015 03:09	RLD	EPA 8260C
1,2-Dichloropropane	<0.60	ug/L	0.60	2.0	10			11/7/2015 03:09	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.60	ug/L	0.60	2.0	10			11/7/2015 03:09	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.60	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	10			11/7/2015 03:09	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	10			11/7/2015 03:09	RLD	EPA 8260C
2,2-Dichloropropane	<0.40	ug/L	0.40	1.2	10			11/7/2015 03:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653992 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 11/4/2015 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Butanone	<8.0	ug/L	8.0	28	10			11/7/2015 03:09	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
2-Hexanone	<4.0	ug/L	4.0	14	10			11/7/2015 03:09	RLD	EPA 8260C
4-Chlorotoluene	<0.50	ug/L	0.50	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
4-Methyl-2-pentanone	<4.0	ug/L	4.0	14	10			11/7/2015 03:09	RLD	EPA 8260C
Acetone	<9.0	ug/L	9.0	31	10			11/7/2015 03:09	RLD	EPA 8260C
Benzene	<0.60	ug/L	0.60	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.4	10			11/7/2015 03:09	RLD	EPA 8260C
Bromochloromethane	<0.17	ug/L	0.17	0.58	10			11/7/2015 03:09	RLD	EPA 8260C
Bromodichloromethane	<0.17	ug/L	0.17	0.58	10			11/7/2015 03:09	RLD	EPA 8260C
Bromoform	<0.18	ug/L	0.18	0.60	10			11/7/2015 03:09	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	2.9	10			11/7/2015 03:09	RLD	EPA 8260C
Carbon disulfide	<1.1	ug/L	1.1	3.8	10			11/7/2015 03:09	RLD	EPA 8260C
Carbon tetrachloride	<0.60	ug/L	0.60	2.0	10			11/7/2015 03:09	RLD	EPA 8260C
Chlorobenzene	2.1	ug/L	0.40	1.4	10			11/7/2015 03:09	RLD	EPA 8260C
Chloroethane	0.72	ug/L	0.60 *	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
Chloroform	<0.60	ug/L	0.60	2.0	10			11/7/2015 03:09	RLD	EPA 8260C
Chloromethane	<0.50	ug/L	0.50	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
cis-1,2-Dichloroethene	54	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.15	ug/L	0.15	0.49	10			11/7/2015 03:09	RLD	EPA 8260C
Dibromochloromethane	<0.16	ug/L	0.16	0.54	10			11/7/2015 03:09	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.5	10			11/7/2015 03:09	RLD	EPA 8260C
Ethylbenzene	<0.60	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653992 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 11/4/2015 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Hexachlorobutadiene	<0.70	ug/L	0.70	2.4	10			11/7/2015 03:09	RLD	EPA 8260C
Isopropylbenzene	<0.50	ug/L	0.50	1.7	10			11/7/2015 03:09	RLD	EPA 8260C
m & p-Xylene	<1.2	ug/L	1.2	4.0	10			11/7/2015 03:09	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	10			11/7/2015 03:09	RLD	EPA 8260C
Methylene chloride	<0.60	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
n-Butylbenzene	<0.50	ug/L	0.50	1.7	10			11/7/2015 03:09	RLD	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.6	10			11/7/2015 03:09	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.6	10			11/7/2015 03:09	RLD	EPA 8260C
p-Isopropyltoluene	<0.60	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.5	10			11/7/2015 03:09	RLD	EPA 8260C
tert-Butylbenzene	<0.60	ug/L	0.60	1.9	10			11/7/2015 03:09	RLD	EPA 8260C
Tetrachloroethene	11	ug/L	0.60	2.0	10			11/7/2015 03:09	RLD	EPA 8260C
Tetrahydrofuran	<6.0	ug/L	6.0	21	10			11/7/2015 03:09	RLD	EPA 8260C
Toluene	<0.60	ug/L	0.60	2.1	10			11/7/2015 03:09	RLD	EPA 8260C
trans-1,2-Dichloroethene	2.0	ug/L	0.60	2.0	10			11/7/2015 03:09	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.48	10			11/7/2015 03:09	RLD	EPA 8260C
Trichloroethene	130	ug/L	0.30	1.0	10			11/7/2015 03:09	RLD	EPA 8260C
Trichlorofluoromethane	<0.50	ug/L	0.50	1.8	10			11/7/2015 03:09	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	16	10			11/7/2015 03:09	RLD	EPA 8260C
Vinyl chloride	1.5	ug/L	0.16	0.52	10			11/7/2015 03:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653995 Sample Description: MW-103S License/Well #: 4189/039 Sampled: 11/4/2015 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0222	mg/L	0.010 *	0.032	1		11/13/2015	18:52	NAH	EPA 6010C
Dissolved Manganese	311	ug/L	1.6	5.3	1		11/13/2015	18:52	NAH	EPA 6010C

CT LAB Sample#: 653997 Sample Description: OW-06 License/Well #: 4189/049 Sampled: 11/4/2015 1205

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	485	umhos/cm	N/A	N/A	1		12/4/2015	12:30	PML	
Dissolved Oxygen (Field)	0.24	mg/L	N/A	N/A	1		12/4/2015	12:30	PML	
pH (Field)	9.51	S.U.	N/A	N/A	1		12/4/2015	12:30	PML	
Temperature (Field)	18.83	Deg. C	N/A	N/A	1		12/4/2015	12:30	PML	
Depth to Groundwater (Field)	6.69	Feet	N/A	N/A	1		12/4/2015	12:30	PML	
Groundwater Elevation (Field)	845.30	Feet MSL	N/A	N/A	1		12/4/2015	12:30	PML	
Turbidity (Field)	0		N/A	N/A	1		12/4/2015	12:30	PML	
OX/REDOX (Field)	-150	MV	N/A	N/A	1		12/4/2015	12:30	PML	
Inorganic Results										
Alkalinity Total	190	mg/L	5.0	18	1		11/9/2015	14:24	MER	EPA 310.2
Total Chloride	120	mg/L	2.4	8.4	2		11/9/2015	11:43	JJF	EPA 9056A
Total Sulfate	8.2	mg/L	1.0	3.4	1		11/7/2015	01:57	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1		11/7/2015	02:05	JJF	EPA 9060A
Metals Results										
Total Iron	0.130	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 17:56	NAH	EPA 6010C
Total Manganese	9.9	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 17:56	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653997 Sample Description: OW-06

License/Well #: 4189/049 Sampled: 11/4/2015 1205

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 15:22	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 15:22	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 15:22	BMS	Mod RSK 175
Methane	36	ug/L	2.0	7.0	5		11/11/2015 07:30	11/11/2015 15:30	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 11:27	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 11:27	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 11:27	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 11:27	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:27	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 11:27	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:27	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 11:27	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 11:27	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 11:27	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 11:27	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 11:27	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 11:27	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:27	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 11:27	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 11:27	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 11:27	RLD	EPA 8260C
1,3-Dichlorobenzene	0.075	ug/L	0.060 *	0.21	1			11/7/2015 11:27	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 11:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653997 Sample Description: OW-06

License/Well #: 4189/049 Sampled: 11/4/2015 1205

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 11:27	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 11:27	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 11:27	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:27	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 11:27	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 11:27	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 11:27	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 11:27	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 11:27	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 11:27	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 11:27	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 11:27	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 11:27	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 11:27	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 11:27	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 11:27	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 11:27	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 11:27	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 11:27	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 11:27	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/7/2015 11:27	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 11:27	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 11:27	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:27	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653997 Sample Description: OW-06

License/Well #: 4189/049 Sampled: 11/4/2015 1205

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	11:27	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:27	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015	11:27	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	11:27	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015	11:27	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	11:27	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:27	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	11:27	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	11:27	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:27	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015	11:27	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:27	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:27	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015	11:27	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	11:27	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	11:27	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015	11:27	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:27	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	11:27	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015	11:27	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/7/2015	11:27	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:27	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/7/2015	11:27	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/7/2015	11:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653998	Sample Description: OW-06	License/Well #: 4189/049	Sampled: 11/4/2015 1205
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0923	mg/L	0.010	0.032	1			11/13/2015 18:58	NAH	EPA 6010C
Dissolved Manganese	6.3	ug/L	1.6	5.3	1			11/13/2015 18:58	NAH	EPA 6010C

CT LAB Sample#: 653999	Sample Description: MW-2D	License/Well #: 4189/004	Sampled: 11/4/2015 1330
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	782	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.46	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.80	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	21.16	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	6.02	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	846.34	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	2.8		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-111	MV	N/A	N/A	1			12/4/2015 12:30	PML	

Inorganic Results										
Alkalinity Total	380	mg/L	5.0	18	1			11/9/2015 14:25	MER	EPA 310.2
Total Chloride	180	mg/L	3.0	11	3			11/10/2015 11:24	JJF	EPA 9056A
Total Sulfate	40	mg/L	3.0	10	3			11/10/2015 11:24	JJF	EPA 9056A
Total Organic Carbon	1.1	mg/L	0.40 *	1.4	1			11/7/2015 02:16	JJF	EPA 9060A

Metals Results										
Total Iron	2.60	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 18:17	NAH	EPA 6010C
Total Manganese	28.2	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:17	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653999 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 11/4/2015 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 10:37	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 10:37	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 10:37	BMS	Mod RSK 175
Methane	120	ug/L	4.0	14	10		11/11/2015 07:30	11/11/2015 10:46	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 11:56	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 11:56	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 11:56	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 11:56	RLD	EPA 8260C
1,1-Dichloroethane	0.22	ug/L	0.060	0.19	1			11/7/2015 11:56	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 11:56	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:56	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 11:56	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 11:56	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 11:56	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 11:56	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 11:56	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 11:56	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 11:56	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 11:56	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 11:56	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 11:56	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 11:56	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 11:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653999 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 11/4/2015 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	11:56	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/7/2015	11:56	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/7/2015	11:56	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/7/2015	11:56	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	11:56	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:56	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	11:56	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/7/2015	11:56	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/7/2015	11:56	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	11:56	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	11:56	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	11:56	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/7/2015	11:56	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/7/2015	11:56	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/7/2015	11:56	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/7/2015	11:56	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	11:56	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:56	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/7/2015	11:56	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:56	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.44	ug/L	0.060	0.21	1		11/7/2015	11:56	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/7/2015	11:56	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015	11:56	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015	11:56	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015	11:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 653999 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 11/4/2015 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	11:56	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:56	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015	11:56	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	11:56	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015	11:56	RLD	EPA 8260C
Methyl tert-butyl ether	0.084	ug/L	0.040 *	0.15	1		11/7/2015	11:56	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:56	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	11:56	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	11:56	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:56	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015	11:56	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:56	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:56	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015	11:56	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	11:56	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	11:56	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015	11:56	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	11:56	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.15	ug/L	0.060 *	0.20	1		11/7/2015	11:56	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015	11:56	RLD	EPA 8260C
Trichloroethene	0.050	ug/L	0.030 *	0.10	1		11/7/2015	11:56	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	11:56	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/7/2015	11:56	RLD	EPA 8260C
Vinyl chloride	0.11	ug/L	0.016	0.052	1		11/7/2015	11:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654000 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 11/4/2015 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	2.52	mg/L	0.010	0.032	1			11/13/2015 19:03	NAH	EPA 6010C
Dissolved Manganese	22.8	ug/L	1.6	5.3	1			11/13/2015 19:03	NAH	EPA 6010C

CT LAB Sample#: 654001 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 11/4/2015 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	861	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.19	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.62	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	13.78	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	8.12	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.39	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-101	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	360	mg/L	5.0	18	1			11/9/2015 14:27	MER	EPA 310.2
Total Chloride	190	mg/L	3.0	11	3			11/7/2015 02:18	JJF	EPA 9056A
Total Sulfate	41	mg/L	3.0	10	3			11/7/2015 02:18	JJF	EPA 9056A
Total Organic Carbon	0.63	mg/L	0.40 *	1.4	1			11/7/2015 02:29	JJF	EPA 9060A
Metals Results										
Total Iron	0.712	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 18:23	NAH	EPA 6010C
Total Manganese	40.3	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:23	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654001 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 11/4/2015 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 10:55	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 10:55	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 10:55	BMS	Mod RSK 175
Methane	27	ug/L	0.80	2.8	2		11/11/2015 07:30	11/11/2015 11:04	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 12:24	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 12:24	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 12:24	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 12:24	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:24	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 12:24	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:24	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 12:24	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 12:24	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 12:24	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 12:24	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 12:24	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:24	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:24	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:24	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:24	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:24	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 12:24	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 12:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654001 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 11/4/2015 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 12:24	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 12:24	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 12:24	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:24	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 12:24	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 12:24	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 12:24	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 12:24	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 12:24	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:24	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 12:24	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 12:24	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 12:24	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 12:24	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 12:24	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:24	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 12:24	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 12:24	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 12:24	RLD	EPA 8260C
Chloromethane	0.072	ug/L	0.050 *	0.18	1	B		11/7/2015 12:24	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.18	ug/L	0.060 *	0.21	1			11/7/2015 12:24	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 12:24	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 12:24	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:24	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 12:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654001 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 11/4/2015 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	12:24	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:24	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015	12:24	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	12:24	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015	12:24	RLD	EPA 8260C
Methyl tert-butyl ether	0.35	ug/L	0.040	0.15	1		11/7/2015	12:24	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:24	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	12:24	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	12:24	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015	12:24	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015	12:24	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:24	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015	12:24	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015	12:24	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	12:24	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	12:24	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015	12:24	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	12:24	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	12:24	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015	12:24	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/7/2015	12:24	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	12:24	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/7/2015	12:24	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/7/2015	12:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654002 Sample Description: MW-3D License/Well #: 4189/006 Sampled: 11/4/2015 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.805	mg/L	0.010	0.032	1			11/13/2015 19:09	NAH	EPA 6010C
Dissolved Manganese	36.4	ug/L	1.6	5.3	1			11/13/2015 19:09	NAH	EPA 6010C

CT LAB Sample#: 654003 Sample Description: MW-14DR License/Well #: 4189/050 Sampled: 11/4/2015 1455

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	887	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.22	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.34	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	14.02	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	5.23	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.77	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-24	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	340	mg/L	5.0	18	1			11/9/2015 14:28	MER	EPA 310.2
Total Chloride	190	mg/L	2.0	7.0	2			11/7/2015 02:39	JJF	EPA 9056A
Total Sulfate	41	mg/L	2.0	6.8	2			11/7/2015 02:39	JJF	EPA 9056A
Total Organic Carbon	1.4	mg/L	0.40	1.4	1			11/7/2015 02:42	JJF	EPA 9060A
Metals Results										
Total Iron	0.196	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 18:28	NAH	EPA 6010C
Total Manganese	310	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:28	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654003 Sample Description: MW-14DR

License/Well #: 4189/050 Sampled: 11/4/2015 1455

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 11:14	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 11:14	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 11:14	BMS	Mod RSK 175
Methane	0.44	ug/L	0.40 *	1.4	1		11/11/2015 07:30	11/11/2015 11:14	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:22	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:22	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 13:22	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 13:22	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:22	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 13:22	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:22	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 13:22	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 13:22	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 13:22	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 13:22	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 13:22	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:22	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:22	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:22	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:22	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:22	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:22	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 13:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654003 Sample Description: MW-14DR

License/Well #: 4189/050 Sampled: 11/4/2015 1455

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 13:22	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 13:22	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 13:22	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:22	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 13:22	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:22	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 13:22	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 13:22	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 13:22	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:22	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 13:22	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 13:22	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 13:22	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 13:22	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 13:22	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:22	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:22	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:22	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:22	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:22	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:22	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 13:22	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 13:22	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:22	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654003 Sample Description: MW-14DR

License/Well #: 4189/050 Sampled: 11/4/2015 1455

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	13:22	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	13:22	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015	13:22	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	13:22	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015	13:22	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	13:22	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015	13:22	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	13:22	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	13:22	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015	13:22	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015	13:22	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	13:22	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015	13:22	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015	13:22	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	13:22	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	13:22	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015	13:22	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015	13:22	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015	13:22	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015	13:22	RLD	EPA 8260C
Trichloroethene	0.20	ug/L	0.030	0.10	1		11/7/2015	13:22	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	13:22	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/7/2015	13:22	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/7/2015	13:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654004 Sample Description: MW-14DR License/Well #: 4189/050 Sampled: 11/4/2015 1455

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.135	mg/L	0.010	0.032	1			11/13/2015 19:14	NAH	EPA 6010C
Dissolved Manganese	200	ug/L	1.6	5.3	1			11/13/2015 19:14	NAH	EPA 6010C

CT LAB Sample#: 654005 Sample Description: MW-4S License/Well #: 4189/007 Sampled: 11/4/2015 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	1920	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.46	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.13	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	18.02	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	8.28	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	846.30	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	79	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	580	mg/L	5.0	18	1			11/9/2015 14:29	MER	EPA 310.2
Total Chloride	400	mg/L	5.0	18	5			11/9/2015 13:00	JJF	EPA 9056A
Total Sulfate	97	mg/L	5.0	17	5			11/9/2015 13:00	JJF	EPA 9056A
Total Organic Carbon	3.6	mg/L	0.40	1.4	1			11/7/2015 03:32	JJF	EPA 9060A
Metals Results										
Total Iron	0.361	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 18:34	NAH	EPA 6010C
Total Manganese	73.5	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:34	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654005 Sample Description: MW-4S

License/Well #: 4189/007 Sampled: 11/4/2015 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 12:22	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 12:22	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 12:22	BMS	Mod RSK 175
Methane	0.53	ug/L	0.40 *	1.4	1		11/11/2015 07:30	11/11/2015 12:22	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 12:11	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:11	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 12:11	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 12:11	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:11	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 12:11	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:11	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 12:11	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 12:11	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 12:11	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 12:11	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 12:11	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:11	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:11	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:11	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:11	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:11	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:11	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 12:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654005 Sample Description: MW-4S

License/Well #: 4189/007 Sampled: 11/4/2015 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 12:11	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 12:11	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 12:11	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:11	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 12:11	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 12:11	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 12:11	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 12:11	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 12:11	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:11	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 12:11	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 12:11	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 12:11	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 12:11	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 12:11	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:11	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:11	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:11	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:11	RLD	EPA 8260C
Chloromethane	0.058	ug/L	0.050 *	0.18	1			11/6/2015 12:11	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:11	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 12:11	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 12:11	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:11	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654005 Sample Description: MW-4S

License/Well #: 4189/007 Sampled: 11/4/2015 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/6/2015 12:11	11/6/2015 12:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654006 Sample Description: MW-4S License/Well #: 4189/007 Sampled: 11/4/2015 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0178	mg/L	0.010 *	0.032	1		11/13/2015 19:20	11/13/2015 19:20	NAH	EPA 6010C
Dissolved Manganese	58.3	ug/L	1.6	5.3	1		11/13/2015 19:20	11/13/2015 19:20	NAH	EPA 6010C

CT LAB Sample#: 654007 Sample Description: MW-101B License/Well #: 4189/036 Sampled: 11/4/2015 1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	862	umhos/cm	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.19	mg/L	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
pH (Field)	7.49	S.U.	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
Temperature (Field)	15.41	Deg. C	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
Depth to Groundwater (Field)	5.52	Feet	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.56	Feet MSL	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
OX/REDOX (Field)	30	MV	N/A	N/A	1		12/4/2015 12:30	12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	350	mg/L	5.0	18	1		11/9/2015 14:33	11/9/2015 14:33	MER	EPA 310.2
Total Chloride	180	mg/L	3.0	11	3		11/7/2015 03:41	11/7/2015 03:41	JJF	EPA 9056A
Total Sulfate	49	mg/L	3.0	10	3		11/7/2015 03:41	11/7/2015 03:41	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1		11/7/2015 03:44	11/7/2015 03:44	JJF	EPA 9060A
Metals Results										
Total Iron	0.0523	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/17/2015 18:40	NAH	EPA 6010C
Total Manganese	128	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:40	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654007 Sample Description: MW-101B

License/Well #: 4189/036 Sampled: 11/4/2015 1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 15:40	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 15:40	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 15:40	BMS	Mod RSK 175
Methane	67	ug/L	2.0	7.0	5		11/11/2015 07:30	11/11/2015 15:49	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 11:34	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 11:34	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 11:34	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 11:34	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 11:34	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 11:34	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 11:34	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 11:34	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 11:34	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 11:34	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 11:34	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 11:34	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 11:34	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 11:34	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 11:34	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 11:34	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 11:34	RLD	EPA 8260C
1,3-Dichlorobenzene	0.068	ug/L	0.060 *	0.21	1			11/6/2015 11:34	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 11:34	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654007 Sample Description: MW-101B

License/Well #: 4189/036 Sampled: 11/4/2015 1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 11:34	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 11:34	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 11:34	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 11:34	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 11:34	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 11:34	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 11:34	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 11:34	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 11:34	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 11:34	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 11:34	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 11:34	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 11:34	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 11:34	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 11:34	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 11:34	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 11:34	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 11:34	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 11:34	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 11:34	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.34	ug/L	0.060	0.21	1			11/6/2015 11:34	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 11:34	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 11:34	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 11:34	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 11:34	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654007 Sample Description: MW-101B

License/Well #: 4189/036 Sampled: 11/4/2015 1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Methyl tert-butyl ether	0.29	ug/L	0.040	0.15	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Trichloroethene	0.030	ug/L	0.030 *	0.10	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/6/2015 11:34	11:34	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/6/2015 11:34	11:34	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654008 Sample Description: MW-101B License/Well #: 4189/036 Sampled: 11/4/2015 1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0229	mg/L	0.010 *	0.032	1		11/13/2015	19:26	NAH	EPA 6010C
Dissolved Manganese	115	ug/L	1.6	5.3	1		11/13/2015	19:26	NAH	EPA 6010C

CT LAB Sample#: 654009 Sample Description: MW-101S License/Well #: 4189/035 Sampled: 11/4/2015 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	2330	umhos/cm	N/A	N/A	1		12/4/2015	12:30	PML	
Dissolved Oxygen (Field)	6.53	mg/L	N/A	N/A	1		12/4/2015	12:30	PML	
pH (Field)	7.18	S.U.	N/A	N/A	1		12/4/2015	12:30	PML	
Temperature (Field)	16.49	Deg. C	N/A	N/A	1		12/4/2015	12:30	PML	
Depth to Groundwater (Field)	5.32	Feet	N/A	N/A	1		12/4/2015	12:30	PML	
Groundwater Elevation (Field)	845.92	Feet MSL	N/A	N/A	1		12/4/2015	12:30	PML	
Turbidity (Field)	0		N/A	N/A	1		12/4/2015	12:30	PML	
OX/REDOX (Field)	105	MV	N/A	N/A	1		12/4/2015	12:30	PML	
Inorganic Results										
Alkalinity Total	420	mg/L	5.0	18	1		11/9/2015	14:34	MER	EPA 310.2
Total Chloride	420	mg/L	9.1	32	9		11/9/2015	12:18	JJF	EPA 9056A
Total Sulfate	29	mg/L	1.0	3.4	1		11/7/2015	04:02	JJF	EPA 9056A
Total Organic Carbon	5.6	mg/L	0.40	1.4	1		11/7/2015	04:29	JJF	EPA 9060A
Metals Results										
Total Iron	0.0383	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/17/2015 18:45	NAH	EPA 6010C
Total Manganese	157	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:45	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654009 Sample Description: MW-101S

License/Well #: 4189/035 Sampled: 11/4/2015 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 12:31	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 12:31	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 12:31	BMS	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 12:31	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 12:40	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:40	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 12:40	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 12:40	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:40	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 12:40	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:40	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 12:40	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 12:40	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 12:40	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 12:40	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 12:40	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:40	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:40	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:40	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:40	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:40	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:40	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 12:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654009 Sample Description: MW-101S

License/Well #: 4189/035 Sampled: 11/4/2015 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 12:40	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 12:40	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 12:40	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:40	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 12:40	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 12:40	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 12:40	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 12:40	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 12:40	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:40	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 12:40	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 12:40	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 12:40	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 12:40	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 12:40	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:40	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 12:40	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:40	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 12:40	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 12:40	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 12:40	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 12:40	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 12:40	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:40	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 12:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654009 Sample Description: MW-101S

License/Well #: 4189/035 Sampled: 11/4/2015 1645

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/6/2015 12:40	11/6/2015 12:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654010	Sample Description: MW-101S	License/Well #: 4189/035	Sampled: 11/4/2015 1645
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1		11/13/2015 19:31	11/13/2015 19:31	NAH	EPA 6010C
Dissolved Manganese	4.6	ug/L	1.6 *	5.3	1		11/13/2015 19:31	11/13/2015 19:31	NAH	EPA 6010C

CT LAB Sample#: 654023	Sample Description: PW-03	License/Well #: 4189/051	Sampled: 11/4/2015 1710
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/6/2015 13:08	11/6/2015 13:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654023 Sample Description: PW-03

License/Well #: 4189/051 Sampled: 11/4/2015 1710

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 13:08	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 13:08	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 13:08	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 13:08	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 13:08	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 13:08	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 13:08	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 13:08	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 13:08	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 13:08	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 13:08	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 13:08	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 13:08	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 13:08	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 13:08	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 13:08	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 13:08	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 13:08	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 13:08	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 13:08	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 13:08	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 13:08	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 13:08	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.8	ug/L	0.060	0.21	1			11/6/2015 13:08	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 13:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654023 Sample Description: PW-03

License/Well #: 4189/051 Sampled: 11/4/2015 1710

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/6/2015	13:08	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/6/2015	13:08	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/6/2015	13:08	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/6/2015	13:08	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/6/2015	13:08	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/6/2015	13:08	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015	13:08	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/6/2015	13:08	RLD	EPA 8260C
Methyl tert-butyl ether	0.60	ug/L	0.040	0.15	1		11/6/2015	13:08	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/6/2015	13:08	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/6/2015	13:08	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/6/2015	13:08	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/6/2015	13:08	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/6/2015	13:08	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/6/2015	13:08	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/6/2015	13:08	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/6/2015	13:08	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/6/2015	13:08	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/6/2015	13:08	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/6/2015	13:08	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/6/2015	13:08	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.088	ug/L	0.060 *	0.20	1		11/6/2015	13:08	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/6/2015	13:08	RLD	EPA 8260C
Trichloroethene	0.69	ug/L	0.030	0.10	1		11/6/2015	13:08	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/6/2015	13:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654023	Sample Description: PW-03	License/Well #: 4189/051	Sampled: 11/4/2015 1710
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/6/2015 13:08	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/6/2015 13:08	RLD	EPA 8260C

CT LAB Sample#: 654024	Sample Description: TB-2	License/Well #: 4189/999	Sampled: 11/4/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/6/2015 10:36	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/6/2015 10:36	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/6/2015 10:36	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 10:36	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 10:36	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/6/2015 10:36	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 10:36	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/6/2015 10:36	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 10:36	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/6/2015 10:36	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/6/2015 10:36	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/6/2015 10:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654024 Sample Description: TB-2

License/Well #: 4189/999 Sampled: 11/4/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/6/2015 10:36	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 10:36	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/6/2015 10:36	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/6/2015 10:36	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 10:36	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/6/2015 10:36	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/6/2015 10:36	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 10:36	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 10:36	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/6/2015 10:36	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/6/2015 10:36	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/6/2015 10:36	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/6/2015 10:36	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/6/2015 10:36	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/6/2015 10:36	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/6/2015 10:36	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/6/2015 10:36	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/6/2015 10:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654024 Sample Description: TB-2

License/Well #: 4189/999 Sampled: 11/4/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 10:36	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/6/2015 10:36	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 10:36	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/6/2015 10:36	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/6/2015 10:36	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/6/2015 10:36	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/6/2015 10:36	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/6/2015 10:36	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/6/2015 10:36	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/6/2015 10:36	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/6/2015 10:36	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/6/2015 10:36	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/6/2015 10:36	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/6/2015 10:36	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/6/2015 10:36	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/6/2015 10:36	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/6/2015 10:36	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/6/2015 10:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654024 Sample Description: TB-2 License/Well #: 4189/999 Sampled: 11/4/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/6/2015 10:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Pat M. Letterer
 Project Manager
 608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Company: TetraTech
 Project Contact: mark manthey
 Telephone: 262 792 1282
 Project Name: Oconomowoc Electroplating
 Project #: 117-7413001.01
 Location: Oconomowoc
 Sampled By: Ashley Kawalewski

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com

Report To:
 EMAIL: mark.manthey@tetratech.com
 Company: TetraTech
 Address: 175 N Corporate Dr
 Suite 100 Brookfield WI 53041
 Invoice To: *
 EMAIL:
 Company:
 Address:

Lab Use Only
 Place Header
 Folder #: 115214
 Company: TETRA TECH
 Project: OCONOMOWOC ELEC
 Logged By: JLS PM PM

SDWA NPDES
 Other _____

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions
 ICP Dissolved is filtered

ANALYSES REQUESTED

Matrix: GW - groundwater SW - surface water WW - wastewater DW - drinking water S - soil/sediment SL - sludge A - air M - misc/waste	Filtered? Y/N	total organic carbon	ICP total	ICP Dissolved (filtered)	Al Chloride / Sulfate	VOC's 826 DB low level	meth, eth, chlor, dis	ANALYSES REQUESTED										Total # Containers	Designated MS/MSD	Turnaround Time	
								Normal		RUSH*											
																		Normal	RUSH*		
																		Date Needed:			
																		Rush analysis requires prior CT Laboratories' approval			
																		Surcharges: 24 hr 200% 2-3 days 100% 4-9 days 50%			

Collection Date	Time	Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test										CT Lab ID # Lab use only				
11-4-15	1010	GW	Grab		MW-103D	1	1	1	1	3	3									653981/982
11-4-15	1020				MW-103D DUP	1	1	1	1	3	3									653988/989
	1100				MW-103S	1	1	1	1	3	3									653992/995
	1205				OW-06	1	1	1	1	3	3									653997/998
	1330				MW-2D	1	1	1	1	3	3									653999/4000
	1410				MW-3D	1	1	1	1	3	3									654001/002
	1455				MW-14DR	1	1	1	1	3	3									654003/004
	1530				MW-4S	1	1	1	1	3	3									654005/006
	1610				MW-101B	1	1	1	1	3	3									654007/008
	1645				MW-101S	1	1	1	1	3	3									009/010
	1710				B PW-03					3										654023
	-		PI		TB-2					3										654024

Relinquished By: Ashley Kawalewski Date/Time: 11-4-15 1815
 Received By: [Signature] Date/Time: 11/5/15 1239
 Received for Laboratory by: [Signature] Date/Time: 11/5/15 11:30
 Lab Use Only
 Ice Present: Yes No
 Temp: 2.9 IR Gun # 8
 Cooler # _____

CT Laboratories Terms and Conditions

When a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephone (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples not meeting the acceptance criteria, outlined in the NELAC standards and Section 5.8.3.2 of the DOD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information; if unable to obtain the necessary information, the final report will be qualified. (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the laboratory cannot determine the identity of a sample, it will be rejected and the client will be contacted for further instructions or resampling. (3) be in an appropriate sample container. If the container is inappropriate, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservations for analytical methods requested. (4) adhere to specified holding times. If samples are received with less than 1/2 the holding time remaining for the requested test, CT Laboratories will make its best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified. (5) contain adequate sample volume to perform the necessary testing. If sufficient volume is not present, the sample will be rejected and the client will be contacted for further instructions or resampling. If samples show signs of damage, contamination or inadequate preservation, the client will be notified. If analysis can be performed, the final report will be qualified. If not, the samples will be rejected and the client notified for further instructions or resampling.

1.2 CT Laboratories must be supplied with complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.

1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.

3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or acceleration in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.

3.3 Suspension or termination of all or any part of the work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manuals then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.

4.2 CTL shall start preparation and/or analysis within holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with CTL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.

4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.

4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.

4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL, will be limited to repeating any services performed, contingent on the Client's providing, at the request of CTL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If resampling is necessary, CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars (\$100 per sample, whichever is less).

4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.

4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.

5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.

5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to independently defend its data.

5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurance are those of the subcontracted laboratory.

5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).

5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for five (5) years.

5.7 In the event that CTL is required to respond to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/aggregate), Comprehensive Automobile Liability, owned and hired, (\$1,000,000 combined single limit), and Professional/Pollution Liability Insurance (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.

7. AUDIT

7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

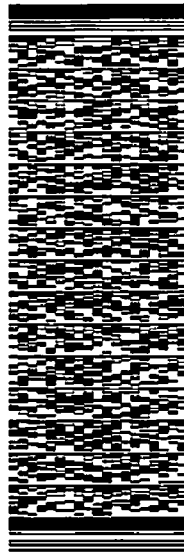
ORIGIN ID: RRLA (282) 792-1282
ASILEY KONAL EWSKI
GEOTRANS INC
175 N CORPORATE DRIVE
STE 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 04NOV15
ACTWGT: 35.00 LB
DIM: 110x35x11
DIAS: 24x14x14 IN
BILL SENDER

TO PATRICK LETTERER
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913
(608) 355-2780 REF: 1177413001 01
PO DEPT

539123F56G100



J133415891001.vv

TRK# 7749 0498 5656
THU - 05 NOV 10:30A
PRIORITY OVERNIGHT
DSR

55 MSNA

WI-US MSN 53913



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Ice Present Yes No
 Temperature 2.9 #8
 Initials [Signature]
 Date 11/5/15 Time 11:00
 Cooler # 5091

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 115214

**Project Name: OCONOMOWOC
 ELECTROPLATING
 Project Number: 117-7413001.01**

Lab Control Spike Water

Analytical Run #:	120630	Analysis Date:	11/10/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	656666	Analysis Time:	10:21	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	15.28	mg/L			15.00	102	80 --- 120		
Sulfate	24.55	mg/L			25.00	98	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120630	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	656672	Analysis Time:	01:15	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	15.20	mg/L			15.00	101	80 --- 120		
Sulfate	24.31	mg/L			25.00	97	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120630	Analysis Date:	11/10/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	656319	Analysis Time:	10:42	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	1.0	mg/L		U	0		1.0		
Sulfate	1.0	mg/L		U	0		1.0		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120630	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	656669	Analysis Time:	01:36	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	1.0	mg/L		U	0		1.0		
Sulfate	1.0	mg/L		U	0		1.0		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Duplicate

Analytical Run #:	120671	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655871	Analysis Time:	02:54	Prep Date/Time:	Method:	SW9060
Parent Sample #:	654003	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	1.14	mg/L	1.4					20	20

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120671	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655860	Analysis Time:	16:23	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.25	mg/L			50.00	106	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120671	Analysis Date:	11/6/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	655861	Analysis Time:	16:38	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.4	mg/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120671	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655873	Analysis Time:	03:19	Prep Date/Time:	Method:	SW9060
Parent Sample #:	655872	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	50.5	mg/L	1.4		50.0	98	82 --- 119	5	6

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120671	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655872	Analysis Time:	03:05	Prep Date/Time:	Method:	SW9060
Parent Sample #:	654003	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	48.2	mg/L	1.4		50.0	94	82 --- 119		6

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120730	Analysis Date:	11/9/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	655257	Analysis Time:	14:02	Prep Date/Time:		Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	370.0	mg/L			375.0	99	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120730	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655258	Analysis Time:	14:03	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	7	mg/L		U	0			7	

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120646	Analysis Date:	11/13/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	659693	Analysis Time:	19:58	Prep Date/Time:	Method:	SW6010
Parent Sample #:	659692	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.94	mg/L	BDL		2.00	97	72 --- 113	6	18
Manganese	914	ug/L	4.6		1000	91	67 --- 121	4	13

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120646	Analysis Date:	11/13/2015	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	659692	Analysis Time:	19:52	Prep Date/Time:		Method:	SW6010
Parent Sample #:	654010	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.83	mg/L	BDL		2.00	92	72 --- 113		18
Manganese	947	ug/L	4.6		1000	94	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120989	Analysis Date:	11/17/2015	Prep Batch #:	55106	Matrix:	LIQUID
CTLab #:	658996	Analysis Time:	17:12	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.4190	mg/L			0.4000	105	80 --- 115		
Manganese	211.0	ug/L			200.0	106	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120989	Analysis Date:	11/17/2015	Prep Batch #:	55106	Matrix:	LIQUID
CTLab #:	658995	Analysis Time:	17:17	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120989	Analysis Date:	11/17/2015	Prep Batch #:	55106	Matrix:	GROUND WATER
CTLab #:	658998	Analysis Time:	17:34	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:	658997	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.394	mg/L	0.0614		0.400	83	72 --- 118	0	11
Manganese	484	ug/L	309		200	88	84 --- 111	3	7

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120989	Analysis Date:	11/17/2015	Prep Batch #:	55106	Matrix:	GROUND WATER
CTLab #:	658997	Analysis Time:	17:28	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:	653981	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.395	mg/L	0.0614		0.400	83	72 --- 118		
Manganese	500	ug/L	309		200	96	84 --- 111		

Lab Control Spike Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655040	Analysis Time:	15:44	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.26	ug/L			4.00	106	74 --- 127		
1,1,1-Trichloroethane	4.28	ug/L			4.00	107	73 --- 132		
1,1,2,2-Tetrachloroethane	4.14	ug/L			4.00	104	67 --- 129		
1,1,2-Trichloroethane	4.14	ug/L			4.00	104	73 --- 129		
1,1-Dichloroethane	4.14	ug/L			4.00	104	73 --- 129		
1,1-Dichloroethene	4.36	ug/L			4.00	109	73 --- 132		
1,1-Dichloropropene	4.22	ug/L			4.00	106	75 --- 125		
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	68 --- 120		
1,2,3-Trichlorobenzene	4.39	ug/L			4.00	110	72 --- 125		
1,2,3-Trichloropropane	3.98	ug/L			4.00	100	68 --- 136		
1,2,4-Trichlorobenzene	4.29	ug/L			4.00	107	67 --- 124		
1,2,4-Trimethylbenzene	4.37	ug/L			4.00	109	77 --- 123		
1,2-Dibromo-3-chloropropane	4.22	ug/L			4.00	106	56 --- 138		
1,2-Dibromoethane	4.20	ug/L			4.00	105	76 --- 127		
1,2-Dichlorobenzene	4.27	ug/L			4.00	107	82 --- 120		
1,2-Dichloroethane	4.10	ug/L			4.00	102	72 --- 134		
1,2-Dichloropropane	4.08	ug/L			4.00	102	76 --- 124		
1,3,5-Trimethylbenzene	4.42	ug/L			4.00	110	77 --- 124		
1,3-Dichlorobenzene	4.34	ug/L			4.00	108	81 --- 120		
1,3-Dichloropropane	4.07	ug/L			4.00	102	76 --- 125		
1,4-Dichlorobenzene	4.16	ug/L			4.00	104	80 --- 120		
2,2-Dichloropropane	4.16	ug/L			4.00	104	54 --- 144		
2-Butanone	38.7	ug/L			40.0	97	57 --- 144		
2-Chlorotoluene	4.25	ug/L			4.00	106	77 --- 123		
2-Hexanone	39.4	ug/L			40.0	98	61 --- 132		
4-Chlorotoluene	4.33	ug/L			4.00	108	76 --- 124		
4-Methyl-2-pentanone	41.0	ug/L			40.0	102	64 --- 135		
Acetone	32.5	ug/L			40.0	81	51 --- 152		
Benzene	4.26	ug/L			4.00	106	80 --- 122		
Bromobenzene	4.30	ug/L			4.00	108	81 --- 120		
Bromochloromethane	4.05	ug/L			4.00	101	78 --- 126		
Bromodichloromethane	4.25	ug/L			4.00	106	67 --- 132		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	4.09	ug/L			4.00	102	55 --- 132		
Bromomethane	4.19	ug/L			4.00	105	65 --- 141		
Carbon disulfide	8.52	ug/L			8.00	106	61 --- 140		
Carbon tetrachloride	4.36	ug/L			4.00	109	72 --- 133		
Chlorobenzene	4.20	ug/L			4.00	105	80 --- 122		
Chloroethane	4.09	ug/L			4.00	102	71 --- 134		
Chloroform	4.18	ug/L			4.00	104	73 --- 127		
Chloromethane	3.93	ug/L			4.00	98	72 --- 128		
cis-1,2-Dichloroethene	4.27	ug/L			4.00	107	76 --- 127		

Lab Control Spike Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655040	Analysis Time:	15:44	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	4.23	ug/L			4.00	106	72 --- 125		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	4.18	ug/L			4.00	104	60 --- 131		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 121		
Dibromomethane	3.98	ug/L			4.00	100	76 --- 129		
Dichlorodifluoromethane	4.17	ug/L			4.00	104	64 --- 149		
Diisopropyl ether	4.19	ug/L			4.00	105	62 --- 137		
Ethylbenzene	4.30	ug/L			4.00	108	80 --- 121		
Hexachlorobutadiene	4.09	ug/L			4.00	102	71 --- 131		
Isopropylbenzene	4.39	ug/L			4.00	110	75 --- 122		
m & p-Xylene	8.63	ug/L			8.00	108	80 --- 121		
Methyl tert-butyl ether	4.13	ug/L			4.00	103	63 --- 135		
Methylene chloride	4.10	ug/L			4.00	102	38 --- 174		
n-Butylbenzene	4.25	ug/L			4.00	106	71 --- 125		
n-Propylbenzene	4.41	ug/L			4.00	110	76 --- 122		
Naphthalene	4.34	ug/L			4.00	108	64 --- 126		
o-Xylene	4.26	ug/L			4.00	106	77 --- 120		
p-Isopropyltoluene	4.39	ug/L			4.00	110	76 --- 122		
sec-Butylbenzene	4.33	ug/L			4.00	108	75 --- 122		
Styrene	4.35	ug/L			4.00	109	76 --- 121		
tert-Butylbenzene	4.43	ug/L			4.00	111	77 --- 120		
Tetrachloroethene	4.28	ug/L			4.00	107	75 --- 127		
Tetrahydrofuran	39.9	ug/L			40.0	100	60 --- 131		
Toluene	4.32	ug/L			4.00	108	80 --- 122		
trans-1,2-Dichloroethene	4.26	ug/L			4.00	106	68 --- 136		
trans-1,3-Dichloropropene	4.31	ug/L			4.00	108	65 --- 126		
Trichloroethene	4.35	ug/L			4.00	109	78 --- 126		
Trichlorofluoromethane	4.28	ug/L			4.00	107	70 --- 145		
Vinyl acetate	44.4	ug/L			40.0	111	38 --- 152		
Vinyl chloride	4.24	ug/L			4.00	106	71 --- 135		

Method Blank Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655094	Analysis Time:	16:42	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	103	% Recovery			100	103	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	0.9	ug/L		U	0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.0667	ug/L			0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	120653	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655094	Analysis Time:	16:42	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	101	% Recovery			100	101	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	101	% Recovery			100	101	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.06	ug/L		U	0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.6	ug/L		U	0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

Lab Control Spike Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	654729	Analysis Time:	08:41	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.35	ug/L			4.00	109	74 --- 127		
1,1,1-Trichloroethane	4.32	ug/L			4.00	108	73 --- 132		
1,1,2,2-Tetrachloroethane	3.99	ug/L			4.00	100	67 --- 129		
1,1,2-Trichloroethane	3.97	ug/L			4.00	99	73 --- 129		
1,1-Dichloroethane	4.24	ug/L			4.00	106	73 --- 129		
1,1-Dichloroethene	4.46	ug/L			4.00	112	73 --- 132		
1,1-Dichloropropene	4.29	ug/L			4.00	107	75 --- 125		
1,2 Dichloroethane-d4	92.0	% Recovery			100	92.0	68 --- 120		
1,2,3-Trichlorobenzene	4.29	ug/L			4.00	107	72 --- 125		
1,2,3-Trichloropropane	4.10	ug/L			4.00	102	68 --- 136		
1,2,4-Trichlorobenzene	4.24	ug/L			4.00	106	67 --- 124		
1,2,4-Trimethylbenzene	4.43	ug/L			4.00	111	77 --- 123		
1,2-Dibromo-3-chloropropane	3.91	ug/L			4.00	98	56 --- 138		
1,2-Dibromoethane	4.21	ug/L			4.00	105	76 --- 127		
1,2-Dichlorobenzene	4.18	ug/L			4.00	104	82 --- 120		
1,2-Dichloroethane	4.13	ug/L			4.00	103	72 --- 134		
1,2-Dichloropropane	4.14	ug/L			4.00	104	76 --- 124		
1,3,5-Trimethylbenzene	4.47	ug/L			4.00	112	77 --- 124		
1,3-Dichlorobenzene	4.27	ug/L			4.00	107	81 --- 120		
1,3-Dichloropropane	4.02	ug/L			4.00	100	76 --- 125		
1,4-Dichlorobenzene	4.05	ug/L			4.00	101	80 --- 120		
2,2-Dichloropropane	4.35	ug/L			4.00	109	54 --- 144		
2-Butanone	43.0	ug/L			40.0	108	57 --- 144		
2-Chlorotoluene	4.31	ug/L			4.00	108	77 --- 123		
2-Hexanone	43.0	ug/L			40.0	108	61 --- 132		
4-Chlorotoluene	4.35	ug/L			4.00	109	76 --- 124		
4-Methyl-2-pentanone	41.1	ug/L			40.0	103	64 --- 135		
Acetone	46.1	ug/L			40.0	115	51 --- 152		
Benzene	4.30	ug/L			4.00	108	80 --- 122		
Bromobenzene	4.23	ug/L			4.00	106	81 --- 120		
Bromochloromethane	4.08	ug/L			4.00	102	78 --- 126		
Bromodichloromethane	4.30	ug/L			4.00	108	67 --- 132		
Bromofluorobenzene	98.0	% Recovery			100	98.0	68 --- 120		
Bromoform	4.42	ug/L			4.00	110	55 --- 132		
Bromomethane	4.26	ug/L			4.00	106	65 --- 141		
Carbon disulfide	8.71	ug/L			8.00	109	61 --- 140		
Carbon tetrachloride	4.51	ug/L			4.00	113	72 --- 133		
Chlorobenzene	4.26	ug/L			4.00	106	80 --- 122		
Chloroethane	4.25	ug/L			4.00	106	71 --- 134		
Chloroform	4.27	ug/L			4.00	107	73 --- 127		
Chloromethane	4.20	ug/L			4.00	105	72 --- 128		
cis-1,2-Dichloroethene	4.27	ug/L			4.00	107	76 --- 127		

Lab Control Spike Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	654729	Analysis Time:	08:41	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	4.35	ug/L			4.00	109	72 --- 125		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	4.34	ug/L			4.00	108	60 --- 131		
Dibromofluoromethane	100	% Recovery			100	100	67 --- 121		
Dibromomethane	3.95	ug/L			4.00	99	76 --- 129		
Dichlorodifluoromethane	4.27	ug/L			4.00	107	64 --- 149		
Diisopropyl ether	4.19	ug/L			4.00	105	62 --- 137		
Ethylbenzene	4.37	ug/L			4.00	109	80 --- 121		
Hexachlorobutadiene	4.10	ug/L			4.00	102	71 --- 131		
Isopropylbenzene	4.46	ug/L			4.00	112	75 --- 122		
m & p-Xylene	8.75	ug/L			8.00	109	80 --- 121		
Methyl tert-butyl ether	4.17	ug/L			4.00	104	63 --- 135		
Methylene chloride	4.11	ug/L			4.00	103	38 --- 174		
n-Butylbenzene	4.34	ug/L			4.00	108	71 --- 125		
n-Propylbenzene	4.47	ug/L			4.00	112	76 --- 122		
Naphthalene	4.18	ug/L			4.00	104	64 --- 126		
o-Xylene	4.24	ug/L			4.00	106	77 --- 120		
p-Isopropyltoluene	4.45	ug/L			4.00	111	76 --- 122		
sec-Butylbenzene	4.46	ug/L			4.00	112	75 --- 122		
Styrene	4.40	ug/L			4.00	110	76 --- 121		
tert-Butylbenzene	4.47	ug/L			4.00	112	77 --- 120		
Tetrachloroethene	4.38	ug/L			4.00	110	75 --- 127		
Tetrahydrofuran	39.0	ug/L			40.0	98	60 --- 131		
Toluene	4.44	ug/L			4.00	111	80 --- 122		
trans-1,2-Dichloroethene	4.33	ug/L			4.00	108	68 --- 136		
trans-1,3-Dichloropropene	4.26	ug/L			4.00	106	65 --- 126		
Trichloroethene	4.40	ug/L			4.00	110	78 --- 126		
Trichlorofluoromethane	4.54	ug/L			4.00	114	70 --- 145		
Vinyl acetate	39.7	ug/L			40.0	99	38 --- 152		
Vinyl chloride	4.28	ug/L			4.00	107	71 --- 135		

Method Blank Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	654730	Analysis Time:	09:39	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane-d4	102	% Recovery			100	102	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	0.9	ug/L		U	0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	98.0	% Recovery			100	98.0	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.05	ug/L		U	0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	654730	Analysis Time:	09:39	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	100	% Recovery			100	100	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.06	ug/L		U	0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.6	ug/L		U	0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

Matrix Spike Duplicate Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	654992	Analysis Time:	15:04	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	654988	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.02	ug/L	BDL		4.00	100	71 --- 136	2	21
1,1,1-Trichloroethane	4.27	ug/L	BDL		4.00	107	77 --- 150	2	20
1,1,2,2-Tetrachloroethane	4.17	ug/L	BDL		4.00	104	68 --- 139	11	22
1,1,2-Trichloroethane	3.89	ug/L	BDL		4.00	97	70 --- 139	8	25
1,1-Dichloroethane	3.99	ug/L	BDL		4.00	100	65 --- 149	3	25
1,1-Dichloroethene	4.21	ug/L	BDL		4.00	105	56 --- 164	5	24
1,1-Dichloropropene	4.31	ug/L	BDL		4.00	108	65 --- 146	2	21
1,2 Dichloroethane-d4	99.0	% Recovery			100	99.0	65 --- 128		7
1,2,3-Trichlorobenzene	4.26	ug/L	BDL		4.00	106	62 --- 135	4	31
1,2,3-Trichloropropane	3.89	ug/L	BDL		4.00	97	66 --- 145	8	26
1,2,4-Trichlorobenzene	4.19	ug/L	BDL		4.00	105	61 --- 132	3	29
1,2,4-Trimethylbenzene	4.21	ug/L	BDL		4.00	105	1 --- 154	1	36
1,2-Dibromo-3-chloropropane	4.06	ug/L	BDL		4.00	102	49 --- 144	13	34
1,2-Dibromoethane	3.88	ug/L	BDL		4.00	97	76 --- 132	4	22
1,2-Dichlorobenzene	4.04	ug/L	BDL		4.00	101	78 --- 128	4	23
1,2-Dichloroethane	3.78	ug/L	BDL		4.00	94	70 --- 147	3	21
1,2-Dichloropropane	3.90	ug/L	BDL		4.00	98	72 --- 138	2	19
1,3,5-Trimethylbenzene	4.27	ug/L	BDL		4.00	107	1 --- 151	1	34
1,3-Dichlorobenzene	4.15	ug/L	BDL		4.00	104	78 --- 127	3	22
1,3-Dichloropropane	3.86	ug/L	BDL		4.00	96	73 --- 136	5	23
1,4-Dichlorobenzene	3.97	ug/L	BDL		4.00	99	78 --- 127	2	22
2,2-Dichloropropane	4.24	ug/L	BDL		4.00	106	50 --- 165	1	21
2-Butanone	37.6	ug/L	BDL		40.0	94	45 --- 160	5	29
2-Chlorotoluene	4.12	ug/L	BDL		4.00	103	74 --- 130	2	20
2-Hexanone	40.2	ug/L	BDL		40.0	100	55 --- 143	9	28
4-Chlorotoluene	4.19	ug/L	BDL		4.00	105	57 --- 131	4	22
4-Methyl-2-pentanone	42.1	ug/L	BDL		40.0	105	58 --- 146	11	29
Acetone	27.6	ug/L	BDL		40.0	69	27 --- 172	6	39
Benzene	4.03	ug/L	BDL		4.00	101	81 --- 134	1	17
Bromobenzene	4.05	ug/L	BDL		4.00	101	80 --- 127	4	20
Bromochloromethane	3.79	ug/L	BDL		4.00	95	73 --- 143	0	22
Bromodichloromethane	3.94	ug/L	BDL		4.00	98	64 --- 139	1	20
Bromofluorobenzene	99.0	% Recovery			100	99.0	67 --- 120		7
Bromoform	3.95	ug/L	BDL		4.00	99	49 --- 125	6	28
Bromomethane	3.87	ug/L	BDL		4.00	97	59 --- 167	3	34
Carbon disulfide	8.59	ug/L	BDL		8.00	107	12 --- 140	1	31
Carbon tetrachloride	4.46	ug/L	BDL		4.00	112	74 --- 153	1	20
Chlorobenzene	3.98	ug/L	BDL		4.00	100	82 --- 130	1	21
Chloroethane	4.18	ug/L	BDL		4.00	104	64 --- 165	5	26
Chloroform	3.93	ug/L	BDL		4.00	98	73 --- 138	1	18
Chloromethane	3.83	ug/L	0.058		4.00	94	62 --- 157	2	21
cis-1,2-Dichloroethene	4.05	ug/L	BDL		4.00	101	75 --- 152	2	21

Matrix Spike Duplicate Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	654992	Analysis Time:	15:04	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	654988	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.95	ug/L	BDL		4.00	99	61 --- 129	4	21
d8-Toluene	100	% Recovery			100	100	60 --- 119		7
Dibromochloromethane	3.94	ug/L	BDL		4.00	98	56 --- 130	4	23
Dibromofluoromethane	100	% Recovery			100	100	65 --- 128		7
Dibromomethane	3.63	ug/L	BDL		4.00	91	71 --- 142	3	21
Dichlorodifluoromethane	4.49	ug/L	BDL		4.00	112	62 --- 196	1	22
Diisopropyl ether	3.97	ug/L	BDL		4.00	99	46 --- 161	3	27
Ethylbenzene	4.15	ug/L	BDL		4.00	104	52 --- 139	0	24
Hexachlorobutadiene	4.48	ug/L	BDL		4.00	112	66 --- 147	3	30
Isopropylbenzene	4.29	ug/L	BDL		4.00	107	50 --- 135	1	24
m & p-Xylene	8.28	ug/L	BDL		8.00	104	1 --- 156	2	28
Methyl tert-butyl ether	3.72	ug/L	BDL		4.00	93	46 --- 161	0	33
Methylene chloride	3.46	ug/L	BDL		4.00	86	10 --- 181	2	36
n-Butylbenzene	4.46	ug/L	BDL		4.00	112	46 --- 144	1	24
n-Propylbenzene	4.32	ug/L	BDL		4.00	108	51 --- 139	0	23
Naphthalene	4.34	ug/L	BDL		4.00	108	45 --- 135	9	31
o-Xylene	3.98	ug/L	BDL		4.00	100	11 --- 148	1	26
p-Isopropyltoluene	4.35	ug/L	BDL		4.00	109	18 --- 148	1	27
sec-Butylbenzene	4.44	ug/L	BDL		4.00	111	57 --- 138	0	23
Styrene	4.14	ug/L	BDL		4.00	104	1 --- 159	2	40
tert-Butylbenzene	4.39	ug/L	BDL		4.00	110	74 --- 132	1	22
Tetrachloroethene	4.34	ug/L	BDL		4.00	108	79 --- 144	1	21
Tetrahydrofuran	38.0	ug/L	BDL		40.0	95	51 --- 139	4	28
Toluene	4.16	ug/L	BDL		4.00	104	56 --- 141	1	19
trans-1,2-Dichloroethene	4.22	ug/L	BDL		4.00	106	53 --- 161	2	28
trans-1,3-Dichloropropene	4.05	ug/L	BDL		4.00	101	57 --- 124	5	21
Trichloroethene	4.17	ug/L	BDL		4.00	104	74 --- 138	1	19
Trichlorofluoromethane	4.65	ug/L	BDL		4.00	116	83 --- 174	3	23
Vinyl acetate	42.7	ug/L	BDL		40.0	107	0 --- 198	2	25
Vinyl chloride	4.28	ug/L	BDL		4.00	107	65 --- 168	0	21

Matrix Spike Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	654988	Analysis Time:	14:35	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	654005	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.96	ug/L	BDL		4.00	99	71 --- 136		21
1,1,1-Trichloroethane	4.20	ug/L	BDL		4.00	105	77 --- 150		20
1,1,2,2-Tetrachloroethane	3.74	ug/L	BDL		4.00	94	68 --- 139		22
1,1,2-Trichloroethane	3.61	ug/L	BDL		4.00	90	70 --- 139		25
1,1-Dichloroethane	3.89	ug/L	BDL		4.00	97	65 --- 149		25
1,1-Dichloroethene	4.42	ug/L	BDL		4.00	110	56 --- 164		24
1,1-Dichloropropene	4.23	ug/L	BDL		4.00	106	65 --- 146		21
1,2-Dichloroethane-d4	94.0	% Recovery			100	94.0	65 --- 128		7
1,2,3-Trichlorobenzene	4.11	ug/L	BDL		4.00	103	62 --- 135		31
1,2,3-Trichloropropane	3.59	ug/L	BDL		4.00	90	66 --- 145		26
1,2,4-Trichlorobenzene	4.06	ug/L	BDL		4.00	102	61 --- 132		29
1,2,4-Trimethylbenzene	4.16	ug/L	BDL		4.00	104	1 --- 154		36
1,2-Dibromo-3-chloropropane	3.57	ug/L	BDL		4.00	89	49 --- 144		34
1,2-Dibromoethane	3.73	ug/L	BDL		4.00	93	76 --- 132		22
1,2-Dichlorobenzene	3.88	ug/L	BDL		4.00	97	78 --- 128		23
1,2-Dichloroethane	3.68	ug/L	BDL		4.00	92	70 --- 147		21
1,2-Dichloropropane	3.81	ug/L	BDL		4.00	95	72 --- 138		19
1,3,5-Trimethylbenzene	4.24	ug/L	BDL		4.00	106	1 --- 151		34
1,3-Dichlorobenzene	4.03	ug/L	BDL		4.00	101	78 --- 127		22
1,3-Dichloropropane	3.67	ug/L	BDL		4.00	92	73 --- 136		23
1,4-Dichlorobenzene	3.88	ug/L	BDL		4.00	97	78 --- 127		22
2,2-Dichloropropane	4.22	ug/L	BDL		4.00	106	50 --- 165		21
2-Butanone	35.7	ug/L	BDL		40.0	89	45 --- 160		29
2-Chlorotoluene	4.05	ug/L	BDL		4.00	101	74 --- 130		20
2-Hexanone	36.6	ug/L	BDL		40.0	92	55 --- 143		28
4-Chlorotoluene	4.04	ug/L	BDL		4.00	101	57 --- 131		22
4-Methyl-2-pentanone	37.8	ug/L	BDL		40.0	94	58 --- 146		29
Acetone	26.1	ug/L	BDL		40.0	65	27 --- 172		39
Benzene	4.01	ug/L	BDL		4.00	100	81 --- 134		17
Bromobenzene	3.88	ug/L	BDL		4.00	97	80 --- 127		20
Bromochloromethane	3.77	ug/L	BDL		4.00	94	73 --- 143		22
Bromodichloromethane	3.89	ug/L	BDL		4.00	97	64 --- 139		20
Bromofluorobenzene	99.0	% Recovery			100	99.0	67 --- 120		7
Bromoform	3.70	ug/L	BDL		4.00	92	49 --- 125		28
Bromomethane	3.97	ug/L	BDL		4.00	99	59 --- 167		34
Carbon disulfide	8.65	ug/L	BDL		8.00	108	12 --- 140		31
Carbon tetrachloride	4.44	ug/L	BDL		4.00	111	74 --- 153		20
Chlorobenzene	3.94	ug/L	BDL		4.00	98	82 --- 130		21
Chloroethane	3.97	ug/L	BDL		4.00	99	64 --- 165		26
Chloroform	3.89	ug/L	BDL		4.00	97	73 --- 138		18
Chloromethane	3.74	ug/L	0.058		4.00	92	62 --- 157		21
cis-1,2-Dichloroethene	3.98	ug/L	BDL		4.00	100	75 --- 152		21

Matrix Spike Water

Analytical Run #:	120654	Analysis Date:	11/6/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	654988	Analysis Time:	14:35	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	654005	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.81	ug/L	BDL		4.00	95	61 --- 129		21
d8-Toluene	100	% Recovery			100	100	60 --- 119		7
Dibromochloromethane	3.79	ug/L	BDL		4.00	95	56 --- 130		23
Dibromofluoromethane	101	% Recovery			100	101	65 --- 128		7
Dibromomethane	3.53	ug/L	BDL		4.00	88	71 --- 142		21
Dichlorodifluoromethane	4.54	ug/L	BDL		4.00	114	62 --- 196		22
Diisopropyl ether	3.85	ug/L	BDL		4.00	96	46 --- 161		27
Ethylbenzene	4.16	ug/L	BDL		4.00	104	52 --- 139		24
Hexachlorobutadiene	4.36	ug/L	BDL		4.00	109	66 --- 147		30
Isopropylbenzene	4.32	ug/L	BDL		4.00	108	50 --- 135		24
m & p-Xylene	8.42	ug/L	BDL		8.00	105	1 --- 156		28
Methyl tert-butyl ether	3.73	ug/L	BDL		4.00	93	46 --- 161		33
Methylene chloride	3.41	ug/L	BDL		4.00	85	10 --- 181		36
n-Butylbenzene	4.40	ug/L	BDL		4.00	110	46 --- 144		24
n-Propylbenzene	4.30	ug/L	BDL		4.00	108	51 --- 139		23
Naphthalene	3.96	ug/L	BDL		4.00	99	45 --- 135		31
o-Xylene	4.03	ug/L	BDL		4.00	101	11 --- 148		26
p-Isopropyltoluene	4.32	ug/L	BDL		4.00	108	18 --- 148		27
sec-Butylbenzene	4.43	ug/L	BDL		4.00	111	57 --- 138		23
Styrene	4.06	ug/L	BDL		4.00	102	1 --- 159		40
tert-Butylbenzene	4.34	ug/L	BDL		4.00	108	74 --- 132		22
Tetrachloroethene	4.30	ug/L	BDL		4.00	108	79 --- 144		21
Tetrahydrofuran	36.4	ug/L	BDL		40.0	91	51 --- 139		28
Toluene	4.11	ug/L	BDL		4.00	103	56 --- 141		19
trans-1,2-Dichloroethene	4.12	ug/L	BDL		4.00	103	53 --- 161		28
trans-1,3-Dichloropropene	3.86	ug/L	BDL		4.00	96	57 --- 124		21
Trichloroethene	4.22	ug/L	BDL		4.00	106	74 --- 138		19
Trichlorofluoromethane	4.51	ug/L	BDL		4.00	113	83 --- 174		23
Vinyl acetate	42.0	ug/L	BDL		40.0	105	0 --- 198		25
Vinyl chloride	4.29	ug/L	BDL		4.00	107	65 --- 168		21

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120831	Analysis Date:	11/11/2015	Prep Batch #:	55029	Matrix:	LIQUID
CTLab #:	656351	Analysis Time:	09:28	Prep Date/Time:	11/11/2015 07:30	Method:	RSK175
Parent Sample #:		Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.97	ug/L			3.06	97	70 --- 130		20
Ethane	5.69	ug/L			4.77	119	70 --- 130		20
Ethene	8.13	ug/L			6.79	120	65 --- 124		20
Methane	2.70	ug/L			2.29	118	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120831	Analysis Date:	11/11/2015	Prep Batch #:	55029	Matrix:	LIQUID
CTLab #:	656350	Analysis Time:	09:39	Prep Date/Time:	11/11/2015 07:30	Method:	RSK175
Parent Sample #:		Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.9	ug/L		U	0		0.9		
Ethene	1.2	ug/L		U	0		1.2		
Methane	0.4	ug/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120831	Analysis Date:	11/11/2015	Prep Batch #:	55029	Matrix:	GROUND WATER
CTLab #:	656359	Analysis Time:	11:34	Prep Date/Time:	11/11/2015 07:30	Method:	RSK175
Parent Sample #:	656358	Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.80	ug/L	BDL		3.06	92	70 --- 130	4	20
Ethane	5.15	ug/L	BDL		4.77	108	70 --- 130	2	20
Ethene	7.45	ug/L	BDL		6.79	110	41 --- 138	5	43
Methane	2.64	ug/L	0.44		2.29	96	70 --- 130	7	20

TETRA TECH

SDG #: 0

Folder #: 115214

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120831	Analysis Date:	11/11/2015	Prep Batch #:	55029	Matrix:	GROUND WATER
CTLab #:	656358	Analysis Time:	11:24	Prep Date/Time:	11/11/2015 07:30	Method:	RSK175
Parent Sample #:	654003	Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.92	ug/L	BDL		3.06	95	70 --- 130		
Ethane	5.28	ug/L	BDL		4.77	111	70 --- 130		
Ethene	7.81	ug/L	BDL		6.79	115	41 --- 138		
Methane	2.82	ug/L	0.44		2.29	104	70 --- 130		

Sample Condition Report

Folder #: 115214	Print Date / Time: 11/05/2015 12:44
Client: TETRA TECH	Received Date / Time / By: 11/05/2015 1100 JLS
Project Name: OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 11/05/2015 1239 JLS
Project Phase:	Project #: 117-7413001.01 PM: PML
Coolers: 5691	Temperature: 2.9 C On Ice: Y
Custody Seals Present : Y	COC Present?: Y Complete? Y
Seal Intact? Y	Numbers: DATED AND SIGNED
Ship Method: FEDEX EXPRESS	Tracking Number: 774904985656
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: SAMPLES RECEIVED IN GOOD CONDITION ON ICE
 NO CUSTODY SEALS PRESENT

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653981 MW-103D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type	(UNPRES PL) = 1		
653981 MW-103D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type	(VOA HCL) = 6		
653981 MW-103D	HNO3	1	Y /	ICP
	Total # of Containers of Type	(HNO3) = 1		
653981 MW-103D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type	(H2SO4 PL) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653982 MW-103D	HNO3	1	Y /	ICP
	Total # of Containers of Type	(HNO3) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653988 MW-103D DUP				

UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

653988 MW-103D DUP
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

653988 MW-103D DUP
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

653988 MW-103D DUP
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653989 MW-103D DUP
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653992 MW-103S
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

653992 MW-103S
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

653992 MW-103S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

653992 MW-103S
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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653995 MW-103S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653997 OW-06	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
653997 OW-06	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
653997 OW-06	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
653997 OW-06	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653998 OW-06	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
653999 MW-2D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
653999 MW-2D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
653999 MW-2D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
653999 MW-2D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654000 MW-2D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654001 MW-3D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

654001 MW-3D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

654001 MW-3D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

654001 MW-3D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654002 MW-3D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654003 MW-14DR	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

654003 MW-14DR	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

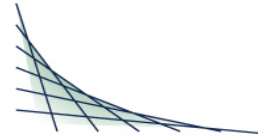
654003 MW-14DR	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

654003	MW-14DR	H2SO4 PL	1	Y	/	TOC
		Total # of Containers of Type	(H2SO4 PL) =		1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests	
654004	MW-14DR	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) =		1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests	
654005	MW-4S	UNPRES PL	1		/	ALK,Anions
		Total # of Containers of Type	(UNPRES PL) =		1	
654005	MW-4S	VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		Total # of Containers of Type	(VOA HCL) =		6	
654005	MW-4S	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) =		1	
654005	MW-4S	H2SO4 PL	1	Y	/	TOC
		Total # of Containers of Type	(H2SO4 PL) =		1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests	
654006	MW-4S	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) =		1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests	
654007	MW-101B	UNPRES PL	1		/	ALK,Anions
		Total # of Containers of Type	(UNPRES PL) =		1	
654007	MW-101B	VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		Total # of Containers of Type	(VOA HCL) =		6	

654007	MW-101B	HNO3	1	Y	/	ICP
		Total # of Containers of Type		(HNO3) = 1		
654007	MW-101B	H2SO4 PL	1	Y	/	TOC
		Total # of Containers of Type		(H2SO4 PL) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests		
654008	MW-101B	HNO3	1	Y	/	ICP
		Total # of Containers of Type		(HNO3) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests		
654009	MW-101S	UNPRES PL	1		/	ALK,Anions
		Total # of Containers of Type		(UNPRES PL) = 1		
654009	MW-101S	VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		VOA HCL	1		/	GAS,VOC
		Total # of Containers of Type		(VOA HCL) = 6		
654009	MW-101S	HNO3	1	Y	/	ICP
		Total # of Containers of Type		(HNO3) = 1		
654009	MW-101S	H2SO4 PL	1	Y	/	TOC
		Total # of Containers of Type		(H2SO4 PL) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests		
654010	MW-101S	HNO3	1	Y	/	ICP
		Total # of Containers of Type		(HNO3) = 1		
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests		
654023	PW-03	VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		Total # of Containers of Type		(VOA HCL) = 3		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654024 TB-2	Trip Blank	1	/	VOC
	Trip Blank	1	/	VOC
	Total # of Containers of Type (Trip Blank) = 2			

<u>Condition Code</u>	<u>Condition Description</u>
1	Sample Received OK



ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.



ANALYTICAL REPORT

TETRA TECH
 MARK MANTHEY
 175 N CORPORATE DRIVE
 SUITE 100
 BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
 Project Phase:
 Contract #: 2747
 Project #: 117-7413001.01
 Folder #: 115244
 Purchase Order #:

Page 1 of 42
 Arrival Temperature: See COC
 Report Date: 11/23/2015
 Date Received: 11/6/2015
 Reprint Date: 12/4/2015

CT LAB Sample#: 654727	Sample Description: MW-16S	License/Well #: 4189/026	Sampled: 11/5/2015 0905
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	2510	umhos/cm	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Dissolved Oxygen (Field)	0.36	mg/L	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
pH (Field)	6.48	S.U.	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Temperature (Field)	13.53	Deg. C	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Depth to Groundwater (Field)	3.08	Feet	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Groundwater Elevation (Field)	844.82	Feet MSL	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Turbidity (Field)	11.4		N/A	N/A	1		12/4/2015 12:30	12:30	PML	
OX/REDOX (Field)	-80	MV	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Inorganic Results										
Alkalinity Total	720	mg/L	5.0	18	1		11/9/2015 14:35	14:35	MER	EPA 310.2
Total Chloride	230	mg/L	10	35	10		11/9/2015 14:24	14:24	JJF	EPA 9056A
Total Sulfate	790	mg/L	10	34	10		11/9/2015 14:24	14:24	JJF	EPA 9056A
Total Organic Carbon	3.1	mg/L	0.40	1.4	1		11/10/2015 18:35	18:35	JJF	EPA 9060A
Metals Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654727 Sample Description: MW-16S

License/Well #: 4189/026 Sampled: 11/5/2015 0905

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Iron	6.35	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 18:51	NAH	EPA 6010C
Total Manganese	76.3	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:51	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 12:49	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 12:49	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 12:49	BMS	Mod RSK 175
Methane	13	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 12:49	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<2.5	ug/L	2.5	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
1,1,1-Trichloroethane	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	3.3	50			11/7/2015 17:43	RLD	EPA 8260C
1,1,2-Trichloroethane	<2.5	ug/L	2.5	8.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,1-Dichloroethene	<3.5	ug/L	3.5	12	50			11/7/2015 17:43	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.5	ug/L	2.5	8.0	50			11/7/2015 17:43	RLD	EPA 8260C
1,2,3-Trichloropropane	<2.0	ug/L	2.0	6.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.0	ug/L	2.0	6.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.5	ug/L	2.5	8.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<1.5	ug/L	1.5	5.0	50			11/7/2015 17:43	RLD	EPA 8260C
1,2-Dibromoethane	<2.0	ug/L	2.0	7.0	50			11/7/2015 17:43	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,2-Dichloroethane	3.3	ug/L	2.0 *	7.0	50			11/7/2015 17:43	RLD	EPA 8260C
1,2-Dichloropropane	<3.0	ug/L	3.0	10	50			11/7/2015 17:43	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<3.0	ug/L	3.0	10	50			11/7/2015 17:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654727 Sample Description: MW-16S

License/Well #: 4189/026 Sampled: 11/5/2015 0905

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
1,3-Dichloropropane	<2.0	ug/L	2.0	6.5	50			11/7/2015 17:43	RLD	EPA 8260C
1,4-Dichlorobenzene	<2.5	ug/L	2.5	8.0	50			11/7/2015 17:43	RLD	EPA 8260C
2,2-Dichloropropane	<2.0	ug/L	2.0	6.0	50			11/7/2015 17:43	RLD	EPA 8260C
2-Butanone	<40	ug/L	40	140	50			11/7/2015 17:43	RLD	EPA 8260C
2-Chlorotoluene	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
2-Hexanone	<20	ug/L	20	70	50			11/7/2015 17:43	RLD	EPA 8260C
4-Chlorotoluene	<2.5	ug/L	2.5	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
4-Methyl-2-pentanone	<20	ug/L	20	70	50			11/7/2015 17:43	RLD	EPA 8260C
Acetone	<45	ug/L	45	160	50			11/7/2015 17:43	RLD	EPA 8260C
Benzene	<3.0	ug/L	3.0	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
Bromobenzene	<2.0	ug/L	2.0	7.0	50			11/7/2015 17:43	RLD	EPA 8260C
Bromochloromethane	<0.85	ug/L	0.85	2.9	50			11/7/2015 17:43	RLD	EPA 8260C
Bromodichloromethane	<0.85	ug/L	0.85	2.9	50			11/7/2015 17:43	RLD	EPA 8260C
Bromoform	<0.90	ug/L	0.90	3.0	50			11/7/2015 17:43	RLD	EPA 8260C
Bromomethane	<4.5	ug/L	4.5	15	50			11/7/2015 17:43	RLD	EPA 8260C
Carbon disulfide	<5.5	ug/L	5.5	19	50			11/7/2015 17:43	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	10	50			11/7/2015 17:43	RLD	EPA 8260C
Chlorobenzene	<2.0	ug/L	2.0	7.0	50			11/7/2015 17:43	RLD	EPA 8260C
Chloroethane	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	10	50			11/7/2015 17:43	RLD	EPA 8260C
Chloromethane	<2.5	ug/L	2.5	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
cis-1,2-Dichloroethene	1000	ug/L	12	42	200			11/8/2015 12:51	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.75	ug/L	0.75	2.5	50			11/7/2015 17:43	RLD	EPA 8260C
Dibromochloromethane	<0.80	ug/L	0.80	2.7	50			11/7/2015 17:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654727 Sample Description: MW-16S

License/Well #: 4189/026 Sampled: 11/5/2015 0905

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
Dichlorodifluoromethane	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
Diisopropyl ether	<2.0	ug/L	2.0	7.5	50			11/7/2015 17:43	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
Hexachlorobutadiene	<3.5	ug/L	3.5	12	50			11/7/2015 17:43	RLD	EPA 8260C
Isopropylbenzene	<2.5	ug/L	2.5	8.5	50			11/7/2015 17:43	RLD	EPA 8260C
m & p-Xylene	<6.0	ug/L	6.0	20	50			11/7/2015 17:43	RLD	EPA 8260C
Methyl tert-butyl ether	<2.0	ug/L	2.0	7.5	50			11/7/2015 17:43	RLD	EPA 8260C
Methylene chloride	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
n-Butylbenzene	<2.5	ug/L	2.5	8.5	50			11/7/2015 17:43	RLD	EPA 8260C
n-Propylbenzene	<2.5	ug/L	2.5	8.0	50			11/7/2015 17:43	RLD	EPA 8260C
Naphthalene	<2.5	ug/L	2.5	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
o-Xylene	<2.5	ug/L	2.5	8.0	50			11/7/2015 17:43	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
sec-Butylbenzene	<2.5	ug/L	2.5	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
Styrene	<2.5	ug/L	2.5	7.5	50			11/7/2015 17:43	RLD	EPA 8260C
tert-Butylbenzene	<3.0	ug/L	3.0	9.5	50			11/7/2015 17:43	RLD	EPA 8260C
Tetrachloroethene	<3.0	ug/L	3.0	10	50			11/7/2015 17:43	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	110	50			11/7/2015 17:43	RLD	EPA 8260C
Toluene	<3.0	ug/L	3.0	11	50			11/7/2015 17:43	RLD	EPA 8260C
trans-1,2-Dichloroethene	32	ug/L	3.0	10	50			11/7/2015 17:43	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.70	ug/L	0.70	2.4	50			11/7/2015 17:43	RLD	EPA 8260C
Trichloroethene	<1.5	ug/L	1.5	5.0	50			11/7/2015 17:43	RLD	EPA 8260C
Trichlorofluoromethane	<2.5	ug/L	2.5	9.0	50			11/7/2015 17:43	RLD	EPA 8260C
Vinyl acetate	<25	ug/L	25	80	50			11/7/2015 17:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654727	Sample Description: MW-16S	License/Well #: 4189/026	Sampled: 11/5/2015 0905
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	58	ug/L	0.80	2.6	50			11/7/2015 17:43	RLD	EPA 8260C

CT LAB Sample#: 654738	Sample Description: MW-16S	License/Well #: 4189/026	Sampled: 11/5/2015 0905
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	5.42	mg/L	0.010	0.032	1			11/11/2015 18:52	NAH	EPA 6010C
Dissolved Manganese	64.8	ug/L	1.6	5.3	1			11/11/2015 18:52	NAH	EPA 6010C

CT LAB Sample#: 654739	Sample Description: MW-12B	License/Well #: 4189/022	Sampled: 11/5/2015 1025
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	650	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.22	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.79	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	16.61	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	4.11	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.29	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-179	MV	N/A	N/A	1			12/4/2015 12:30	PML	

Inorganic Results										
Alkalinity Total	320	mg/L	5.0	18	1			11/9/2015 14:51	MER	EPA 310.2
Total Chloride	130	mg/L	2.0	7.0	2			11/9/2015 14:45	JJF	EPA 9056A

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654739 Sample Description: MW-12B

License/Well #: 4189/022 Sampled: 11/5/2015 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Sulfate	29	mg/L	2.0	6.8	2			11/9/2015 14:45	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1			11/10/2015 18:47	JJF	EPA 9060A
Metals Results										
Total Iron	0.355	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 18:57	NAH	EPA 6010C
Total Manganese	17.7	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 18:57	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/11/2015 07:30	11/11/2015 13:01	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/11/2015 07:30	11/11/2015 13:01	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/11/2015 07:30	11/11/2015 13:01	BMS	Mod RSK 175
Methane	15	ug/L	0.40	1.4	1		11/11/2015 07:30	11/11/2015 13:01	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:51	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 13:51	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 13:51	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 13:51	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 13:51	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 13:51	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 13:51	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 13:51	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 13:51	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:51	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654739 Sample Description: MW-12B

License/Well #: 4189/022 Sampled: 11/5/2015 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:51	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:51	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:51	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 13:51	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 13:51	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 13:51	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 13:51	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 13:51	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:51	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 13:51	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 13:51	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 13:51	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:51	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 13:51	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 13:51	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 13:51	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 13:51	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 13:51	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:51	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 13:51	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:51	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:51	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654739 Sample Description: MW-12B

License/Well #: 4189/022 Sampled: 11/5/2015 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 13:51	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 13:51	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/7/2015 13:51	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/7/2015 13:51	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 13:51	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/7/2015 13:51	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/7/2015 13:51	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 13:51	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 13:51	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:51	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/7/2015 13:51	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:51	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/7/2015 13:51	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 13:51	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:51	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/7/2015 13:51	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 13:51	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 13:51	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 13:51	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654739 Sample Description: MW-12B License/Well #: 4189/022 Sampled: 11/5/2015 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/7/2015 13:51	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 13:51	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 13:51	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/7/2015 13:51	RLD	EPA 8260C

CT LAB Sample#: 654740 Sample Description: MW-12B License/Well #: 4189/022 Sampled: 11/5/2015 1025

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.320	mg/L	0.010	0.032	1			11/11/2015 18:58	NAH	EPA 6010C
Dissolved Manganese	12.9	ug/L	1.6	5.3	1			11/11/2015 18:58	NAH	EPA 6010C

CT LAB Sample#: 654741 Sample Description: MW-12D License/Well #: 4189/021 Sampled: 11/5/2015 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	974	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	4.79	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.00	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	15.02	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	4.06	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	844.25	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	2.2		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-88	MV	N/A	N/A	1			12/4/2015 12:30	PML	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654741 Sample Description: MW-12D

License/Well #: 4189/021 Sampled: 11/5/2015 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Total	410	mg/L	5.0	18	1			11/9/2015 14:53	MER	EPA 310.2
Total Chloride	200	mg/L	3.0	11	3			11/9/2015 15:06	JJF	EPA 9056A
Total Sulfate	59	mg/L	3.0	10	3			11/9/2015 15:06	JJF	EPA 9056A
Total Organic Carbon	1.7	mg/L	0.40	1.4	1			11/10/2015 18:58	JJF	EPA 9060A
Metals Results										
Total Iron	1.35	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 19:02	NAH	EPA 6010C
Total Manganese	39.0	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 19:02	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 10:34	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 10:34	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 10:34	BMS	Mod RSK 175
Methane	27	ug/L	0.80	2.8	2		11/12/2015 07:25	11/12/2015 10:46	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 14:20	RLD	EPA 8260C
1,1,1-Trichloroethane	0.57	ug/L	0.060	0.21	1			11/7/2015 14:20	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 14:20	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 14:20	RLD	EPA 8260C
1,1-Dichloroethane	9.2	ug/L	0.060	0.19	1			11/7/2015 14:20	RLD	EPA 8260C
1,1-Dichloroethene	0.41	ug/L	0.070	0.23	1			11/7/2015 14:20	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 14:20	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 14:20	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 14:20	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 14:20	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 14:20	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654741 Sample Description: MW-12D

License/Well #: 4189/021 Sampled: 11/5/2015 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/7/2015	14:20	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/7/2015	14:20	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	14:20	RLD	EPA 8260C
1,2-Dichloroethane	0.062	ug/L	0.040 *	0.14	1		11/7/2015	14:20	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/7/2015	14:20	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/7/2015	14:20	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	14:20	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015	14:20	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	14:20	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/7/2015	14:20	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/7/2015	14:20	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/7/2015	14:20	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	14:20	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/7/2015	14:20	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	14:20	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/7/2015	14:20	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/7/2015	14:20	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	14:20	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	14:20	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	14:20	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/7/2015	14:20	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/7/2015	14:20	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/7/2015	14:20	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/7/2015	14:20	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	14:20	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654741 Sample Description: MW-12D

License/Well #: 4189/021 Sampled: 11/5/2015 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloroethane	0.35	ug/L	0.060	0.21	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
cis-1,2-Dichloroethene	6.7	ug/L	0.060	0.21	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Methyl tert-butyl ether	0.47	ug/L	0.040	0.15	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015 14:20	11/7/2015 14:20	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654741 Sample Description: MW-12D License/Well #: 4189/021 Sampled: 11/5/2015 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 14:20	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.76	ug/L	0.060	0.20	1			11/7/2015 14:20	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 14:20	RLD	EPA 8260C
Trichloroethene	0.11	ug/L	0.030	0.10	1			11/7/2015 14:20	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 14:20	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 14:20	RLD	EPA 8260C
Vinyl chloride	0.91	ug/L	0.016	0.052	1			11/7/2015 14:20	RLD	EPA 8260C

CT LAB Sample#: 654742 Sample Description: MW-12D License/Well #: 4189/021 Sampled: 11/5/2015 1115

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.13	mg/L	0.010	0.032	1			11/11/2015 19:04	NAH	EPA 6010C
Dissolved Manganese	32.7	ug/L	1.6	5.3	1			11/11/2015 19:04	NAH	EPA 6010C

CT LAB Sample#: 654743 Sample Description: MW-12S License/Well #: 4189/020 Sampled: 11/5/2015 1210

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	920	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	1.12	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	6.99	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	14.00	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	4.34	Feet	N/A	N/A	1			12/4/2015 12:30	PML	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654743 Sample Description: MW-12S

License/Well #: 4189/020 Sampled: 11/5/2015 1210

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Groundwater Elevation (Field)	844.83	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	36.6		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-21	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	380	mg/L	5.0	18	1			11/9/2015 14:54	MER	EPA 310.2
Total Chloride	180	mg/L	3.0	11	3			11/9/2015 15:27	JJF	EPA 9056A
Total Sulfate	51	mg/L	3.0	10	3			11/9/2015 15:27	JJF	EPA 9056A
Total Organic Carbon	0.89	mg/L	0.40 *	1.4	1			11/10/2015 19:10	JJF	EPA 9060A
Metals Results										
Total Iron	1.19	mg/L	0.020	0.065	1		11/16/2015 12:00	11/17/2015 19:08	NAH	EPA 6010C
Total Manganese	165	ug/L	1.4	4.7	1		11/16/2015 12:00	11/17/2015 19:08	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 09:06	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 09:06	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 09:06	BMS	Mod RSK 175
Methane	7.5	ug/L	0.40	1.4	1		11/12/2015 07:25	11/12/2015 09:06	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.90	5			11/7/2015 18:12	RLD	EPA 8260C
1,1,1-Trichloroethane	36	ug/L	0.30	1.1	5			11/7/2015 18:12	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.10	ug/L	0.10	0.33	5			11/7/2015 18:12	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.85	5			11/7/2015 18:12	RLD	EPA 8260C
1,1-Dichloroethane	6.6	ug/L	0.30	0.95	5			11/7/2015 18:12	RLD	EPA 8260C
1,1-Dichloroethene	3.0	ug/L	0.35	1.2	5			11/7/2015 18:12	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	0.95	5			11/7/2015 18:12	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.80	5			11/7/2015 18:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654743 Sample Description: MW-12S

License/Well #: 4189/020 Sampled: 11/5/2015 1210

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.20	ug/L	0.20	0.65	5			11/7/2015 18:12	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.20	ug/L	0.20	0.65	5			11/7/2015 18:12	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.25	ug/L	0.25	0.85	5			11/7/2015 18:12	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.15	ug/L	0.15	0.50	5			11/7/2015 18:12	RLD	EPA 8260C
1,2-Dibromoethane	<0.20	ug/L	0.20	0.70	5			11/7/2015 18:12	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	0.95	5			11/7/2015 18:12	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.70	5			11/7/2015 18:12	RLD	EPA 8260C
1,2-Dichloropropane	<0.30	ug/L	0.30	1.0	5			11/7/2015 18:12	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	5			11/7/2015 18:12	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.1	5			11/7/2015 18:12	RLD	EPA 8260C
1,3-Dichloropropane	<0.20	ug/L	0.20	0.65	5			11/7/2015 18:12	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.80	5			11/7/2015 18:12	RLD	EPA 8260C
2,2-Dichloropropane	<0.20	ug/L	0.20	0.60	5			11/7/2015 18:12	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	5			11/7/2015 18:12	RLD	EPA 8260C
2-Chlorotoluene	<0.30	ug/L	0.30	0.95	5			11/7/2015 18:12	RLD	EPA 8260C
2-Hexanone	<2.0	ug/L	2.0	7.0	5			11/7/2015 18:12	RLD	EPA 8260C
4-Chlorotoluene	<0.25	ug/L	0.25	0.90	5			11/7/2015 18:12	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.0	ug/L	2.0	7.0	5			11/7/2015 18:12	RLD	EPA 8260C
Acetone	<4.5	ug/L	4.5	16	5			11/7/2015 18:12	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	0.90	5			11/7/2015 18:12	RLD	EPA 8260C
Bromobenzene	<0.20	ug/L	0.20	0.70	5			11/7/2015 18:12	RLD	EPA 8260C
Bromochloromethane	<0.085	ug/L	0.085	0.29	5			11/7/2015 18:12	RLD	EPA 8260C
Bromodichloromethane	<0.085	ug/L	0.085	0.29	5			11/7/2015 18:12	RLD	EPA 8260C
Bromoform	<0.090	ug/L	0.090	0.30	5			11/7/2015 18:12	RLD	EPA 8260C
Bromomethane	<0.45	ug/L	0.45	1.5	5			11/7/2015 18:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654743 Sample Description: MW-12S

License/Well #: 4189/020 Sampled: 11/5/2015 1210

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.55	ug/L	0.55	1.9	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Chlorobenzene	<0.20	ug/L	0.20	0.70	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Chloroethane	<0.30	ug/L	0.30	1.1	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.0	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Chloromethane	<0.25	ug/L	0.25	0.90	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
cis-1,2-Dichloroethene	24	ug/L	0.30	1.1	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.075	ug/L	0.075	0.25	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Dibromochloromethane	<0.080	ug/L	0.080	0.27	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	0.95	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Dichlorodifluoromethane	<0.30	ug/L	0.30	0.95	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Diisopropyl ether	<0.20	ug/L	0.20	0.75	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Hexachlorobutadiene	<0.35	ug/L	0.35	1.2	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Isopropylbenzene	<0.25	ug/L	0.25	0.85	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
m & p-Xylene	<0.60	ug/L	0.60	2.0	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.75	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
n-Butylbenzene	<0.25	ug/L	0.25	0.85	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
n-Propylbenzene	<0.25	ug/L	0.25	0.80	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Naphthalene	<0.25	ug/L	0.25	0.90	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
o-Xylene	<0.25	ug/L	0.25	0.80	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
sec-Butylbenzene	<0.25	ug/L	0.25	0.90	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C
Styrene	<0.25	ug/L	0.25	0.75	5		11/7/2015 18:12	11/7/2015 18:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654743 Sample Description: MW-12S License/Well #: 4189/020 Sampled: 11/5/2015 1210

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.30	ug/L	0.30	0.95	5			11/7/2015 18:12	RLD	EPA 8260C
Tetrachloroethene	<0.30	ug/L	0.30	1.0	5			11/7/2015 18:12	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	11	5			11/7/2015 18:12	RLD	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	5			11/7/2015 18:12	RLD	EPA 8260C
trans-1,2-Dichloroethene	7.1	ug/L	0.30	1.0	5			11/7/2015 18:12	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.070	ug/L	0.070	0.24	5			11/7/2015 18:12	RLD	EPA 8260C
Trichloroethene	54	ug/L	0.15	0.50	5			11/7/2015 18:12	RLD	EPA 8260C
Trichlorofluoromethane	<0.25	ug/L	0.25	0.90	5			11/7/2015 18:12	RLD	EPA 8260C
Vinyl acetate	<2.5	ug/L	2.5	8.0	5			11/7/2015 18:12	RLD	EPA 8260C
Vinyl chloride	1.9	ug/L	0.080	0.26	5			11/7/2015 18:12	RLD	EPA 8260C

CT LAB Sample#: 654744 Sample Description: MW-12S License/Well #: 4189/020 Sampled: 11/5/2015 1210

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.109	mg/L	0.010	0.032	1			11/11/2015 19:09	NAH	EPA 6010C
Dissolved Manganese	132	ug/L	1.6	5.3	1			11/11/2015 19:09	NAH	EPA 6010C

CT LAB Sample#: 654745 Sample Description: TW-202I License/Well #: 4189/048 Sampled: 11/5/2015 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	980	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.37	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654745 Sample Description: TW-2021

License/Well #: 4189/048 Sampled: 11/5/2015 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
pH (Field)	6.86	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	14.54	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	5.80	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.33	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	12.2		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-10	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	350	mg/L	5.0	18	1			11/9/2015 14:57	MER	EPA 310.2
Total Chloride	230	mg/L	4.0	14	4			11/9/2015 16:29	JJF	EPA 9056A
Total Sulfate	39	mg/L	4.0	14	4			11/9/2015 16:29	JJF	EPA 9056A
Total Organic Carbon	0.76	mg/L	0.40 *	1.4	1			11/10/2015 19:23	JJF	EPA 9060A
Metals Results										
Total Iron	0.325	mg/L	0.020	0.065	1		11/16/2015 12:00	11/18/2015 10:46	NAH	EPA 6010C
Total Manganese	591	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 10:46	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 09:15	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 09:15	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 09:15	BMS	Mod RSK 175
Methane	2.6	ug/L	0.40	1.4	1		11/12/2015 07:25	11/12/2015 09:15	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 14:49	RLD	EPA 8260C
1,1,1-Trichloroethane	0.27	ug/L	0.060	0.21	1			11/7/2015 14:49	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 14:49	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 14:49	RLD	EPA 8260C
1,1-Dichloroethane	0.082	ug/L	0.060 *	0.19	1			11/7/2015 14:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654745 Sample Description: TW-2021

License/Well #: 4189/048 Sampled: 11/5/2015 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloroethene	0.072	ug/L	0.070 *	0.23	1		11/7/2015	14:49	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/7/2015	14:49	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	14:49	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015	14:49	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/7/2015	14:49	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	14:49	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/7/2015	14:49	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/7/2015	14:49	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015	14:49	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/7/2015	14:49	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/7/2015	14:49	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/7/2015	14:49	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	14:49	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015	14:49	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015	14:49	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/7/2015	14:49	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/7/2015	14:49	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/7/2015	14:49	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	14:49	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/7/2015	14:49	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	14:49	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/7/2015	14:49	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/7/2015	14:49	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	14:49	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	14:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654745 Sample Description: TW-2021

License/Well #: 4189/048 Sampled: 11/5/2015 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Chlorobenzene	0.61	ug/L	0.040	0.14	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
cis-1,2-Dichloroethene	8.6	ug/L	0.060	0.21	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015 14:49	11/7/2015 14:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654745 Sample Description: TW-2021 License/Well #: 4189/048 Sampled: 11/5/2015 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 14:49	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/7/2015 14:49	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/7/2015 14:49	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 14:49	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 14:49	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/7/2015 14:49	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 14:49	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.98	ug/L	0.060	0.20	1			11/7/2015 14:49	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 14:49	RLD	EPA 8260C
Trichloroethene	11	ug/L	0.030	0.10	1			11/7/2015 14:49	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 14:49	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 14:49	RLD	EPA 8260C
Vinyl chloride	0.022	ug/L	0.016 *	0.052	1			11/7/2015 14:49	RLD	EPA 8260C

CT LAB Sample#: 654746 Sample Description: TW-2021 License/Well #: 4189/048 Sampled: 11/5/2015 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.107	mg/L	0.010	0.032	1			11/11/2015 19:15	NAH	EPA 6010C
Dissolved Manganese	515	ug/L	1.6	5.3	1			11/11/2015 19:15	NAH	EPA 6010C

CT LAB Sample#: 654747 Sample Description: MW-13D License/Well #: 4189/032 Sampled: 11/5/2015 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654747 Sample Description: MW-13D

License/Well #: 4189/032 Sampled: 11/5/2015 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	908	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	0.20	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.02	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	14.52	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	4.82	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.20	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	2.4		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-74	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	380	mg/L	5.0	18	1			11/9/2015 14:58	MER	EPA 310.2
Total Chloride	180	mg/L	3.0	11	3			11/9/2015 16:08	JJF	EPA 9056A
Total Sulfate	50	mg/L	3.0	10	3			11/9/2015 16:08	JJF	EPA 9056A
Total Organic Carbon	0.45	mg/L	0.40 *	1.4	1			11/10/2015 19:34	JJF	EPA 9060A
Metals Results										
Total Iron	1.21	mg/L	0.020	0.065	1		11/16/2015 12:00	11/18/2015 10:51	NAH	EPA 6010C
Total Manganese	38.6	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 10:51	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 10:55	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 10:55	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 10:55	BMS	Mod RSK 175
Methane	20	ug/L	0.80	2.8	2		11/12/2015 07:25	11/12/2015 11:04	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:19	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:19	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654747 Sample Description: MW-13D

License/Well #: 4189/032 Sampled: 11/5/2015 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 15:19	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 15:19	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:19	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 15:19	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:19	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 15:19	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 15:19	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 15:19	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 15:19	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 15:19	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 15:19	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:19	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 15:19	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:19	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:19	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:19	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 15:19	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 15:19	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 15:19	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 15:19	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:19	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 15:19	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:19	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 15:19	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 15:19	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654747 Sample Description: MW-13D

License/Well #: 4189/032 Sampled: 11/5/2015 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.060	ug/L	0.060	0.18	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.7	ug/L	0.060	0.21	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Methyl tert-butyl ether	0.49	ug/L	0.040	0.15	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 15:19	11/7/2015 15:19	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654747 Sample Description: MW-13D License/Well #: 4189/032 Sampled: 11/5/2015 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 15:19	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:19	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/7/2015 15:19	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:19	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:19	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/7/2015 15:19	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:19	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:19	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/7/2015 15:19	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:19	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:19	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 15:19	RLD	EPA 8260C
Trichloroethene	0.045	ug/L	0.030 *	0.10	1			11/7/2015 15:19	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:19	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 15:19	RLD	EPA 8260C
Vinyl chloride	0.052	ug/L	0.016	0.052	1			11/7/2015 15:19	RLD	EPA 8260C

CT LAB Sample#: 654748 Sample Description: MW-13D License/Well #: 4189/032 Sampled: 11/5/2015 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.801	mg/L	0.010	0.032	1			11/11/2015 19:21	NAH	EPA 6010C
Dissolved Manganese	34.3	ug/L	1.6	5.3	1			11/11/2015 19:21	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654749 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 11/5/2015 1440

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	706	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	1.87	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	7.08	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	14.19	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	5.96	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	844.95	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	9.0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	22	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	320	mg/L	5.0	18	1			11/9/2015 14:59	MER	EPA 310.2
Total Chloride	140	mg/L	2.0	7.0	2			11/9/2015 16:56	JJF	EPA 9056A
Total Sulfate	16	mg/L	2.0	6.8	2			11/9/2015 16:56	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1			11/10/2015 19:45	JJF	EPA 9060A
Metals Results										
Total Iron	0.734	mg/L	0.020	0.065	1		11/16/2015 12:00	11/18/2015 10:57	NAH	EPA 6010C
Total Manganese	24.8	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 10:57	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 09:24	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 09:24	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 09:24	BMS	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.4	1		11/12/2015 07:25	11/12/2015 09:24	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654749 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 11/5/2015 1440

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	0.10	ug/L	0.060 *	0.21	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/7/2015 15:47	11/7/2015 15:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654749 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 11/5/2015 1440

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 15:47	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 15:47	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 15:47	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 15:47	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 15:47	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 15:47	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 15:47	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 15:47	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:47	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 15:47	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:47	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:47	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:47	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.16	ug/L	0.060 *	0.21	1			11/7/2015 15:47	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 15:47	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 15:47	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:47	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:47	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/7/2015 15:47	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:47	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/7/2015 15:47	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 15:47	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/7/2015 15:47	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/7/2015 15:47	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654749 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 11/5/2015 1440

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 15:47	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 15:47	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:47	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/7/2015 15:47	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:47	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:47	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/7/2015 15:47	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 15:47	RLD	EPA 8260C
Tetrachloroethene	0.064	ug/L	0.060 *	0.20	1			11/7/2015 15:47	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/7/2015 15:47	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 15:47	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 15:47	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 15:47	RLD	EPA 8260C
Trichloroethene	0.13	ug/L	0.030	0.10	1			11/7/2015 15:47	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 15:47	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 15:47	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/7/2015 15:47	RLD	EPA 8260C

CT LAB Sample#: 654750 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 11/5/2015 1440

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.111	mg/L	0.010	0.032	1			11/11/2015 19:27	NAH	EPA 6010C
Dissolved Manganese	13.4	ug/L	1.6	5.3	1			11/11/2015 19:27	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654751 Sample Description: PW-08

License/Well #: 4189/055 Sampled: 11/5/2015 1355

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/7/2015 16:17	16:17	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/7/2015 16:17	16:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654751 Sample Description: PW-08

License/Well #: 4189/055 Sampled: 11/5/2015 1355

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/7/2015	16:17	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/7/2015	16:17	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/7/2015	16:17	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/7/2015	16:17	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	16:17	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	16:17	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015	16:17	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/7/2015	16:17	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/7/2015	16:17	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/7/2015	16:17	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/7/2015	16:17	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015	16:17	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/7/2015	16:17	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/7/2015	16:17	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015	16:17	RLD	EPA 8260C
cis-1,2-Dichloroethene	2.3	ug/L	0.060	0.21	1		11/7/2015	16:17	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/7/2015	16:17	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015	16:17	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015	16:17	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015	16:17	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015	16:17	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015	16:17	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015	16:17	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015	16:17	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015	16:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654751 Sample Description: PW-08 License/Well #: 4189/055 Sampled: 11/5/2015 1355

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	0.57	ug/L	0.040	0.15	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.10	ug/L	0.060 *	0.20	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Trichloroethene	0.069	ug/L	0.030 *	0.10	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C
Vinyl chloride	0.043	ug/L	0.016 *	0.052	1		11/7/2015 16:17	11/7/2015 16:17	RLD	EPA 8260C

CT LAB Sample#: 654752 Sample Description: PW-10 License/Well #: 4189/057 Sampled: 11/5/2015 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654752 Sample Description: PW-10

License/Well #: 4189/057 Sampled: 11/5/2015 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 16:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 16:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 16:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 16:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 16:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 16:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 16:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 16:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 16:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 16:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 16:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 16:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 16:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 16:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 16:46	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 16:46	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 16:46	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 16:46	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 16:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654752 Sample Description: PW-10

License/Well #: 4189/057 Sampled: 11/5/2015 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 16:46	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 16:46	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 16:46	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 16:46	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 16:46	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 16:46	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 16:46	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 16:46	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 16:46	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 16:46	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 16:46	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 16:46	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 16:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.11	ug/L	0.060 *	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 16:46	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 16:46	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/7/2015 16:46	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/7/2015 16:46	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 16:46	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/7/2015 16:46	RLD	EPA 8260C
Methyl tert-butyl ether	0.43	ug/L	0.040	0.15	1			11/7/2015 16:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654752 Sample Description: PW-10 License/Well #: 4189/057 Sampled: 11/5/2015 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 16:46	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 16:46	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/7/2015 16:46	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/7/2015 16:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/7/2015 16:46	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/7/2015 16:46	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 16:46	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 16:46	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/7/2015 16:46	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 16:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 16:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 16:46	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/7/2015 16:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 16:46	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 16:46	RLD	EPA 8260C
Vinyl chloride	0.021	ug/L	0.016 *	0.052	1			11/7/2015 16:46	RLD	EPA 8260C

CT LAB Sample#: 654753 Sample Description: PW-07 License/Well #: 4189/054 Sampled: 11/5/2015 1525

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 17:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654753 Sample Description: PW-07

License/Well #: 4189/054 Sampled: 11/5/2015 1525

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 17:14	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 17:14	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 17:14	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 17:14	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 17:14	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 17:14	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 17:14	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 17:14	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 17:14	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 17:14	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 17:14	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 17:14	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 17:14	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 17:14	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 17:14	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 17:14	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 17:14	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 17:14	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 17:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654753 Sample Description: PW-07

License/Well #: 4189/054 Sampled: 11/5/2015 1525

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 17:14	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/7/2015 17:14	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 17:14	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 17:14	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/7/2015 17:14	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/7/2015 17:14	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/7/2015 17:14	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/7/2015 17:14	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/7/2015 17:14	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/7/2015 17:14	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/7/2015 17:14	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 17:14	RLD	EPA 8260C
cis-1,2-Dichloroethene	3.0	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/7/2015 17:14	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/7/2015 17:14	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/7/2015 17:14	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/7/2015 17:14	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 17:14	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/7/2015 17:14	RLD	EPA 8260C
Methyl tert-butyl ether	0.50	ug/L	0.040	0.15	1			11/7/2015 17:14	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654753 Sample Description: PW-07

License/Well #: 4189/054 Sampled: 11/5/2015 1525

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 17:14	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 17:14	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/7/2015 17:14	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/7/2015 17:14	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/7/2015 17:14	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/7/2015 17:14	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 17:14	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/7/2015 17:14	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/7/2015 17:14	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/7/2015 17:14	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.13	ug/L	0.060 *	0.20	1			11/7/2015 17:14	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/7/2015 17:14	RLD	EPA 8260C
Trichloroethene	0.031	ug/L	0.030 *	0.10	1			11/7/2015 17:14	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 17:14	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/7/2015 17:14	RLD	EPA 8260C
Vinyl chloride	0.053	ug/L	0.016	0.052	1			11/7/2015 17:14	RLD	EPA 8260C

CT LAB Sample#: 654754 Sample Description: TB-3

License/Well #: 4189/999 Sampled: 11/5/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/7/2015 10:58	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/7/2015 10:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654754 Sample Description: TB-3

License/Well #: 4189/999 Sampled: 11/5/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/7/2015 10:58	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/7/2015 10:58	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/7/2015 10:58	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/7/2015 10:58	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/7/2015 10:58	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 10:58	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 10:58	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/7/2015 10:58	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/7/2015 10:58	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/7/2015 10:58	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 10:58	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/7/2015 10:58	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/7/2015 10:58	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/7/2015 10:58	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/7/2015 10:58	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/7/2015 10:58	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/7/2015 10:58	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/7/2015 10:58	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/7/2015 10:58	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/7/2015 10:58	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/7/2015 10:58	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 10:58	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/7/2015 10:58	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/7/2015 10:58	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/7/2015 10:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654754 Sample Description: TB-3

License/Well #: 4189/999 Sampled: 11/5/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.060	ug/L	0.060	0.18	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 654754 Sample Description: TB-3

License/Well #: 4189/999 Sampled: 11/5/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/7/2015 10:58	11/7/2015 10:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Pat M. Letterer
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Company: Tetra Tech
 Project Contact: Mark Mantney
 Telephone: 262 792 1282
 Project Name: Economowoc Electroplating
 Project #: 117-7413001.01
 Location: Economowoc, WI
 Sampled By: Ashley Kawalewski

TETRA TECH LABORATORIES
 Folder #: 115244
 Company: TETRA TECH
 Project: ECONOMOWOC ELEC
 Logged By: JLS PM: PM

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com
 RCRA SDWA NPDES
 Waste Other

Report To:
 EMAIL: mark.mantney@tetratech.com
 Company: tetratech
 Address: 125 N Corporate Dr Suite 100 Brookfield WI 53045
 Invoice To: *
 EMAIL:
 Company:
 Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions
 IC P Dissolved filtered

Filtered? Y/N	ANALYSES REQUESTED										Total # Containers	Designated MS/MSD
	Total organic carbon	ICP total	ICP Dissolved	Aluminum	Sulfate	VOCs	SVOCs	Low level	metals	Other		

Turnaround Time
 Normal RUSH*
 Date Needed: _____
 Rush analysis requires prior CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Collection		Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test										CT Lab ID # Lab use only	
Date	Time																
11-5-15	905	GW	grab		MW-110S	1	1	1	1	3	3						654727/738
	1025				MW-12B	1	1	1	1	3	3						654735/740
	1115				MW-12D	1	1	1	1	3	3						654741/742
	1210				MW-12S	1	1	1	1	3	3						654743/744
	1420				TW-202I	1	1	1	1	3	3						654745/746
	1405				MW-13D	1	1	1	1	3	3						654747/748
	1440				MW-13S	1	1	1	1	3	3						654749/750
	1355				PW-08					3							654751
	1435				PW-10					3							654752
	1525				PW-07					3							654753
		DI			TB-3					3							654754

Relinquished By: Ashley Kawalewski
 Received by:

Date/Time: 11-5-15 1700
 Date/Time:

Received By: [Signature]
 Received for Laboratory by: [Signature]

Date/Time: 11/6/15 1210
 Date/Time: 11/6/15 10:45

Lab Use Only
 Ice Present Yes No
 Temp: 1.50 IR Gun #
 Cooler #: 5487

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the agreement to be bound by these Terms and Conditions, and the agreement to be bound by these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing. It shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. **ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)**
 1.1 The Client may place the Order (i.e., select a Scope of Work) either by submitting a purchase order to CTL in writing by electronic (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples not meeting the acceptance criteria, outlined in the NELAP standards and Section 5.8.3.2 of the OGD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information; if unable to obtain the necessary information, the final report will be qualified. (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the container is impervious, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservation methods requested. (4) adhere to specified holding times. If samples are received with less than ½ the holding time remaining for the requested test, CT Laboratories will make its best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified. (5) be qualified. If sufficient volume is not present, the samples will be rejected and the client will be notified for further instructions or resampling. If samples show signs of damage, contamination or inadequate preservation, the client will be notified. If analysis can be performed, the final report will be qualified. If not, the samples will be rejected and the client notified for further instructions or resampling. 1.2 CT Laboratories must be supplied with complete disclosure of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery. 1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substances which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.
2. **PAYMENT TERMS**
 2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold portion of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.
3. **CHANGES, TERMINATION, PRICE, OR RESULT DELIVERY DATE** may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.
 3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.
 3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or accreditation in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.
 3.3 Suspension or termination of all or any part of the work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete work in progress and be paid in full for all work completed.

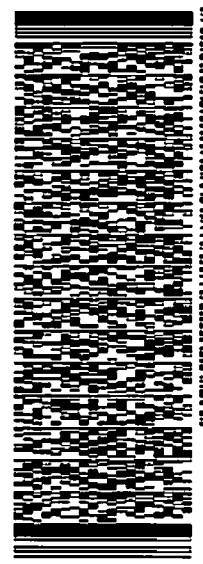
4. **WARRANTIES AND LIABILITY**
 4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manual and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manual. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manual's then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.
 4.2 CTL shall start preparation and/or analyses when holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with CTL's Quality Manual will be deemed to have met holding times provided that the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interferences is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.
 4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.
 4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND. EXPRESS OR IMPLIED. No representation of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.
 4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL will be limited to replacing any services performed, completing an Order or the Client's providing, at the request of CTL and at the Client's expense, additional samples if necessary. Any reanalysis requested by the Client's facility for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless accompanied by the services performed or by application or use of the reports prepared. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages but thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manual's then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.
 4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless accompanied by the services performed or by application or use of the reports prepared. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages but thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manual's then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.
 4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL which results, directly or indirectly, in whole or in part, from any cause or circumstances beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, mark interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.
5. **RESULTS, WORK PRODUCT**
 5.1 Data or information provided to CTL or generated by services performed under this agreement shall become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL and Client shall not disclose such information to any third party.
 5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.
 5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurances are those of the subcontracted laboratory.
 5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurances are those of the subcontracted laboratory.
 5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).
 5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for five (5) years.
 5.7 In the event that CTL is required to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.
6. **INSURANCE**
 6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during each period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/aggregate), Comprehensive Automobile Liability, Comprehensive Aggregate (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.
7. **AUDIT**
 7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

ORIGIN: D:RRLA (282) 782-1282
ASHTON/KONAL EMS/US
GREAT PLAINS INC
175 N CORPORATE DRIVE
SUE 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 05NOV15
ACTWGHT: 5.00 LB
CUBIC FT: 1.00
DIM: 24x14x15 IN
BILL SENDER

TO PATRICK LETTERER
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913
(608) 356-2760 REF 1177413001 01
PO DEPT



TRK# 7749 1508 1219
0201

FRI - 06 NOV 10:30A
PRIORITY OVERNIGHT
DSR

55 MSNA

WI-US MSN 53913



539.03F56/3100

After printing this label:

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Ice Present Yes 1.5
 Temperature _____
 Initials DL
 Date 11/6/15 Time 10:30
 Cooler # 5457

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 115244

**Project Name: OCONOMOWOC
 ELECTROPLATING
 Project Number: 117-7413001.01**

Duplicate

Analytical Run #:	120731	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655600	Analysis Time:	14:52	Prep Date/Time:	Method:	E310.2
Parent Sample #:	654739	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity Dissolved	315	mg/L	320					2	10
Alkalinity Total	315	mg/L	320					2	7

Matrix Spike Duplicate Water

Analytical Run #:	120709	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656316	Analysis Time:	20:08	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	655113	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.62	ug/L	BDL		4.00	90	71 --- 136	6	21
1,1,1-Trichloroethane	3.92	ug/L	BDL		4.00	98	77 --- 150	7	20
1,1,2,2-Tetrachloroethane	3.39	ug/L	BDL		4.00	85	68 --- 139	12	22
1,1,2-Trichloroethane	3.65	ug/L	BDL		4.00	91	70 --- 139	2	25
1,1-Dichloroethane	3.65	ug/L	BDL		4.00	91	65 --- 149	7	25
1,1-Dichloroethene	4.10	ug/L	BDL		4.00	102	56 --- 164	8	24
1,1-Dichloropropene	3.96	ug/L	BDL		4.00	99	65 --- 146	7	21
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.81	ug/L	BDL		4.00	95	62 --- 135	8	31
1,2,3-Trichloropropane	3.23	ug/L	BDL		4.00	81	66 --- 145	9	26
1,2,4-Trichlorobenzene	3.64	ug/L	BDL		4.00	91	61 --- 132	9	29
1,2,4-Trimethylbenzene	3.78	ug/L	BDL		4.00	94	1 --- 154	9	36
1,2-Dibromo-3-chloropropane	3.41	ug/L	BDL		4.00	85	49 --- 144	6	34
1,2-Dibromoethane	3.53	ug/L	BDL		4.00	88	76 --- 132	7	22
1,2-Dichlorobenzene	3.59	ug/L	BDL		4.00	90	78 --- 128	9	23
1,2-Dichloroethane	3.52	ug/L	BDL		4.00	88	70 --- 147	6	21
1,2-Dichloropropane	3.53	ug/L	BDL		4.00	88	72 --- 138	9	19
1,3,5-Trimethylbenzene	3.83	ug/L	BDL		4.00	96	1 --- 151	9	34
1,3-Dichlorobenzene	3.73	ug/L	BDL		4.00	93	78 --- 127	7	22
1,3-Dichloropropane	3.59	ug/L	BDL		4.00	90	73 --- 136	6	23
1,4-Dichlorobenzene	3.56	ug/L	BDL		4.00	89	78 --- 127	8	22
2,2-Dichloropropane	3.49	ug/L	0.040		4.00	86	50 --- 165	7	21
2-Butanone	33.8	ug/L	BDL		40.0	84	45 --- 160	7	29
2-Chlorotoluene	3.65	ug/L	BDL		4.00	91	74 --- 130	8	20
2-Hexanone	33.5	ug/L	BDL		40.0	84	55 --- 143	8	28
4-Chlorotoluene	3.71	ug/L	BDL		4.00	93	57 --- 131	8	22
4-Methyl-2-pentanone	36.5	ug/L	BDL		40.0	91	58 --- 146	5	29
Acetone	25.7	ug/L	BDL		40.0	64	27 --- 172	6	39
Benzene	3.73	ug/L	BDL		4.00	93	81 --- 134	9	17
Bromobenzene	3.54	ug/L	BDL		4.00	88	80 --- 127	10	20
Bromochloromethane	3.50	ug/L	BDL		4.00	88	73 --- 143	9	22
Bromodichloromethane	3.61	ug/L	BDL		4.00	90	64 --- 139	7	20
Bromofluorobenzene	96.0	% Recovery			100	96.0	67 --- 120		7
Bromoform	3.46	ug/L	BDL		4.00	86	49 --- 125	5	28
Bromomethane	3.88	ug/L	BDL		4.00	97	59 --- 167	10	34
Carbon disulfide	7.94	ug/L	BDL		8.00	99	12 --- 140	8	31
Carbon tetrachloride	4.12	ug/L	BDL		4.00	103	74 --- 153	7	20
Chlorobenzene	3.64	ug/L	BDL		4.00	91	82 --- 130	9	21
Chloroethane	3.81	ug/L	0.079		4.00	93	64 --- 165	10	26
Chloroform	3.69	ug/L	BDL		4.00	92	73 --- 138	7	18
Chloromethane	3.58	ug/L	BDL		4.00	90	62 --- 157	8	21
cis-1,2-Dichloroethene	3.73	ug/L	BDL		4.00	93	75 --- 152	7	21
cis-1,3-Dichloropropene	3.52	ug/L	BDL		4.00	88	61 --- 129	5	21

Matrix Spike Duplicate Water

Analytical Run #:	120709	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656316	Analysis Time:	20:08	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	655113	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
d8-Toluene	100	% Recovery			100	100	60 --- 119		7
Dibromochloromethane	3.48	ug/L	BDL		4.00	87	56 --- 130	10	23
Dibromofluoromethane	102	% Recovery			100	102	65 --- 128		7
Dibromomethane	3.54	ug/L	BDL		4.00	88	71 --- 142	5	21
Dichlorodifluoromethane	4.10	ug/L	BDL		4.00	102	62 --- 196	10	22
Diisopropyl ether	3.57	ug/L	BDL		4.00	89	46 --- 161	9	27
Ethylbenzene	3.73	ug/L	BDL		4.00	93	52 --- 139	9	24
Hexachlorobutadiene	3.99	ug/L	BDL		4.00	100	66 --- 147	4	30
Isopropylbenzene	3.86	ug/L	BDL		4.00	96	50 --- 135	9	24
m & p-Xylene	7.52	ug/L	BDL		8.00	94	1 --- 156	10	28
Methyl tert-butyl ether	3.57	ug/L	BDL		4.00	89	46 --- 161	7	33
Methylene chloride	3.14	ug/L	BDL		4.00	78	10 --- 181	9	36
n-Butylbenzene	3.95	ug/L	BDL		4.00	99	46 --- 144	7	24
n-Propylbenzene	3.85	ug/L	BDL		4.00	96	51 --- 139	9	23
Naphthalene	3.61	ug/L	BDL		4.00	90	45 --- 135	8	31
o-Xylene	3.64	ug/L	BDL		4.00	91	11 --- 148	8	26
p-Isopropyltoluene	3.92	ug/L	BDL		4.00	98	18 --- 148	10	27
sec-Butylbenzene	3.99	ug/L	BDL		4.00	100	57 --- 138	8	23
Styrene	3.70	ug/L	BDL		4.00	92	1 --- 159	9	40
tert-Butylbenzene	3.94	ug/L	BDL		4.00	98	74 --- 132	9	22
Tetrachloroethene	4.02	ug/L	BDL		4.00	100	79 --- 144	7	21
Tetrahydrofuran	34.3	ug/L	BDL		40.0	86	51 --- 139	6	28
Toluene	3.83	ug/L	BDL		4.00	96	56 --- 141	9	19
trans-1,2-Dichloroethene	3.79	ug/L	BDL		4.00	95	53 --- 161	10	28
trans-1,3-Dichloropropene	3.49	ug/L	BDL		4.00	87	57 --- 124	7	21
Trichloroethene	3.94	ug/L	BDL		4.00	98	74 --- 138	4	19
Trichlorofluoromethane	4.31	ug/L	BDL		4.00	108	83 --- 174	7	23
Vinyl acetate	37.1	ug/L	BDL		40.0	93	0 --- 198	7	25
Vinyl chloride	4.09	ug/L	BDL		4.00	102	65 --- 168	9	21

Matrix Spike Water

Analytical Run #:	120709	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655113	Analysis Time:	19:39	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	654739	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.84	ug/L	BDL		4.00	96	71 --- 136		21
1,1,1-Trichloroethane	4.21	ug/L	BDL		4.00	105	77 --- 150		20
1,1,2,2-Tetrachloroethane	3.84	ug/L	BDL		4.00	96	68 --- 139		22
1,1,2-Trichloroethane	3.73	ug/L	BDL		4.00	93	70 --- 139		25
1,1-Dichloroethane	3.91	ug/L	BDL		4.00	98	65 --- 149		25
1,1-Dichloroethene	4.43	ug/L	BDL		4.00	111	56 --- 164		24
1,1-Dichloropropene	4.26	ug/L	BDL		4.00	106	65 --- 146		21
1,2 Dichloroethane-d4	95.0	% Recovery			100	95.0	65 --- 128		7
1,2,3-Trichlorobenzene	4.11	ug/L	BDL		4.00	103	62 --- 135		31
1,2,3-Trichloropropane	3.52	ug/L	BDL		4.00	88	66 --- 145		26
1,2,4-Trichlorobenzene	3.98	ug/L	BDL		4.00	100	61 --- 132		29
1,2,4-Trimethylbenzene	4.13	ug/L	BDL		4.00	103	1 --- 154		36
1,2-Dibromo-3-chloropropane	3.62	ug/L	BDL		4.00	90	49 --- 144		34
1,2-Dibromoethane	3.77	ug/L	BDL		4.00	94	76 --- 132		22
1,2-Dichlorobenzene	3.93	ug/L	BDL		4.00	98	78 --- 128		23
1,2-Dichloroethane	3.74	ug/L	BDL		4.00	94	70 --- 147		21
1,2-Dichloropropane	3.87	ug/L	BDL		4.00	97	72 --- 138		19
1,3,5-Trimethylbenzene	4.17	ug/L	BDL		4.00	104	1 --- 151		34
1,3-Dichlorobenzene	3.99	ug/L	BDL		4.00	100	78 --- 127		22
1,3-Dichloropropane	3.79	ug/L	BDL		4.00	95	73 --- 136		23
1,4-Dichlorobenzene	3.87	ug/L	BDL		4.00	97	78 --- 127		22
2,2-Dichloropropane	3.73	ug/L	BDL		4.00	93	50 --- 165		21
2-Butanone	36.2	ug/L	BDL		40.0	90	45 --- 160		29
2-Chlorotoluene	3.96	ug/L	BDL		4.00	99	74 --- 130		20
2-Hexanone	36.3	ug/L	BDL		40.0	91	55 --- 143		28
4-Chlorotoluene	4.02	ug/L	BDL		4.00	100	57 --- 131		22
4-Methyl-2-pentanone	38.3	ug/L	BDL		40.0	96	58 --- 146		29
Acetone	27.1	ug/L	BDL		40.0	68	27 --- 172		39
Benzene	4.07	ug/L	BDL		4.00	102	81 --- 134		17
Bromobenzene	3.93	ug/L	BDL		4.00	98	80 --- 127		20
Bromochloromethane	3.82	ug/L	BDL		4.00	96	73 --- 143		22
Bromodichloromethane	3.89	ug/L	BDL		4.00	97	64 --- 139		20
Bromofluorobenzene	97.0	% Recovery			100	97.0	67 --- 120		7
Bromoform	3.63	ug/L	BDL		4.00	91	49 --- 125		28
Bromomethane	4.27	ug/L	BDL		4.00	107	59 --- 167		34
Carbon disulfide	8.61	ug/L	BDL		8.00	108	12 --- 140		31
Carbon tetrachloride	4.40	ug/L	BDL		4.00	110	74 --- 153		20
Chlorobenzene	3.98	ug/L	BDL		4.00	100	82 --- 130		21
Chloroethane	4.19	ug/L	BDL		4.00	105	64 --- 165		26
Chloroform	3.95	ug/L	BDL		4.00	99	73 --- 138		18
Chloromethane	3.86	ug/L	BDL		4.00	96	62 --- 157		21
cis-1,2-Dichloroethene	4.02	ug/L	BDL		4.00	100	75 --- 152		21
cis-1,3-Dichloropropene	3.72	ug/L	BDL		4.00	93	61 --- 129		21

Matrix Spike Water

Analytical Run #:	120709	Analysis Date:	11/7/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655113	Analysis Time:	19:39	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	654739	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
d8-Toluene	100	% Recovery			100	100	60 --- 119		7
Dibromochloromethane	3.86	ug/L	BDL		4.00	96	56 --- 130		23
Dibromofluoromethane	101	% Recovery			100	101	65 --- 128		7
Dibromomethane	3.74	ug/L	BDL		4.00	94	71 --- 142		21
Dichlorodifluoromethane	4.52	ug/L	BDL		4.00	113	62 --- 196		22
Diisopropyl ether	3.89	ug/L	BDL		4.00	97	46 --- 161		27
Ethylbenzene	4.10	ug/L	BDL		4.00	102	52 --- 139		24
Hexachlorobutadiene	4.15	ug/L	BDL		4.00	104	66 --- 147		30
Isopropylbenzene	4.24	ug/L	BDL		4.00	106	50 --- 135		24
m & p-Xylene	8.28	ug/L	BDL		8.00	104	1 --- 156		28
Methyl tert-butyl ether	3.81	ug/L	BDL		4.00	95	46 --- 161		33
Methylene chloride	3.42	ug/L	BDL		4.00	86	10 --- 181		36
n-Butylbenzene	4.22	ug/L	BDL		4.00	106	46 --- 144		24
n-Propylbenzene	4.20	ug/L	BDL		4.00	105	51 --- 139		23
Naphthalene	3.92	ug/L	BDL		4.00	98	45 --- 135		31
o-Xylene	3.96	ug/L	BDL		4.00	99	11 --- 148		26
p-Isopropyltoluene	4.33	ug/L	BDL		4.00	108	18 --- 148		27
sec-Butylbenzene	4.33	ug/L	BDL		4.00	108	57 --- 138		23
Styrene	4.05	ug/L	BDL		4.00	101	1 --- 159		40
tert-Butylbenzene	4.32	ug/L	BDL		4.00	108	74 --- 132		22
Tetrachloroethene	4.29	ug/L	BDL		4.00	107	79 --- 144		21
Tetrahydrofuran	36.5	ug/L	BDL		40.0	91	51 --- 139		28
Toluene	4.20	ug/L	BDL		4.00	105	56 --- 141		19
trans-1,2-Dichloroethene	4.19	ug/L	BDL		4.00	105	53 --- 161		28
trans-1,3-Dichloropropene	3.75	ug/L	BDL		4.00	94	57 --- 124		21
Trichloroethene	4.09	ug/L	BDL		4.00	102	74 --- 138		19
Trichlorofluoromethane	4.63	ug/L	BDL		4.00	116	83 --- 174		23
Vinyl acetate	39.8	ug/L	BDL		40.0	100	0 --- 198		25
Vinyl chloride	4.46	ug/L	BDL		4.00	112	65 --- 168		21

Sample Condition Report

Folder #: 115244	Print Date / Time: 11/06/2015 13:47
Client: TETRA TECH	Received Date / Time / By: 11/06/2015 1045 DJL
Project Name: OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 11/06/2015 1210 JLS
Project Phase:	Project #: 117-7413001.01 PM: PML
Coolers: 5487	Temperature: 1.5 C On Ice: Y
Custody Seals Present : N	COC Present?: Y Complete?: Y
Seal Intact? N	Numbers: NONE
Ship Method: FEDEX EXPRESS	Tracking Number: 774915081219
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: SAMPLES RECEIVED IN GOOD CONDITION ON ICE
 NO CUSTODY SEALS PRESENT, TAPE WAS INTACT

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654727 MW-16S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
654727 MW-16S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
654727 MW-16S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
654727 MW-16S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654738 MW-16S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654739 MW-12B				

UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

654739 MW-12B
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

654739 MW-12B
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

654739 MW-12B
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654740 MW-12B
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654741 MW-12D
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

654741 MW-12D
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

654741 MW-12D
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

654741 MW-12D
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654742 MW-12D
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654743 MW-12S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
654743 MW-12S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
654743 MW-12S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
654743 MW-12S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654744 MW-12S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654745 TW-202I	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
654745 TW-202I	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
654745 TW-202I	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
654745 TW-202I	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654746 TW-20I	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654747 MW-13D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

654747 MW-13D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

654747 MW-13D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

654747 MW-13D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654748 MW-13D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
654749 MW-13S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

654749 MW-13S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

654749 MW-13S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

654749 MW-13S
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654750 MW-13S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654751 PW-08
 VOA HCL 1 / VOC
 VOA HCL 1 / VOC
 VOA HCL 1 / VOC
Total # of Containers of Type (VOA HCL) = 3

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654752 PW-10
 VOA HCL 1 / VOC
 VOA HCL 1 / VOC
 VOA HCL 1 / VOC
Total # of Containers of Type (VOA HCL) = 3

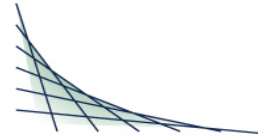
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654753 PW-07
 VOA HCL 1 / VOC
 VOA HCL 1 / VOC
 VOA HCL 1 / VOC
Total # of Containers of Type (VOA HCL) = 3

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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654754 TB-3
 Trip Blank 1 / VOC
 Trip Blank 1 / VOC
Total # of Containers of Type (Trip Blank) = 2

Condition Code Condition Description
 1 Sample Received OK



ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.



ANALYTICAL REPORT

TETRA TECH
 MARK MANTHEY
 175 N CORPORATE DRIVE
 SUITE 100
 BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
 Project Phase:
 Contract #: 2747
 Project #: 117-7413001.01
 Folder #: 115269
 Purchase Order #:

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 Arrival Temperature: See COC
 Report Date: 11/24/2015
 Date Received: 11/7/2015
 Reprint Date: 12/4/2015

CT LAB Sample#: 655226	Sample Description: MW-15B	License/Well #: 4189/034	Sampled: 11/6/2015 0950
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	552	umhos/cm	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Dissolved Oxygen (Field)	0.32	mg/L	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
pH (Field)	6.93	S.U.	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Temperature (Field)	12.28	Deg. C	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Depth to Groundwater (Field)	14.25	Feet	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Groundwater Elevation (Field)	840.10	Feet MSL	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Turbidity (Field)	0		N/A	N/A	1		12/4/2015 12:30	12:30	PML	
OX/REDOX (Field)	-128	MV	N/A	N/A	1		12/4/2015 12:30	12:30	PML	
Inorganic Results										
Alkalinity Total	420	mg/L	5.0	18	1		11/9/2015 15:00	15:00	MER	EPA 310.2
Total Chloride	8.6	mg/L	1.0	3.5	1	M	11/9/2015 17:17	17:17	JJF	EPA 9056A
Total Sulfate	6.0	mg/L	1.0	3.4	1		11/9/2015 17:17	17:17	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1		11/10/2015 19:58	19:58	JJF	EPA 9060A
Metals Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655226 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 11/6/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Iron	3.31	mg/L	0.020	0.065	1		11/16/2015 12:00	11/18/2015 11:03	NAH	EPA 6010C
Total Manganese	548	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 11:03	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 11:13	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 11:13	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 11:13	BMS	Mod RSK 175
Methane	580	ug/L	40	140	100		11/12/2015 07:25	11/12/2015 11:22	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/19/2015 10:59	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/19/2015 10:59	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 10:59	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 10:59	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 10:59	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/19/2015 10:59	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 10:59	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/19/2015 10:59	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 10:59	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 10:59	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:59	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655226 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 11/6/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 10:59	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 10:59	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/19/2015 10:59	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/19/2015 10:59	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 10:59	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 10:59	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/19/2015 10:59	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 10:59	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/19/2015 10:59	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/19/2015 10:59	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/19/2015 10:59	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/19/2015 10:59	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/19/2015 10:59	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:59	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 10:59	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:59	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/19/2015 10:59	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/19/2015 10:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655226 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 11/6/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/19/2015 10:59	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/19/2015 10:59	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 10:59	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/19/2015 10:59	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/19/2015 10:59	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 10:59	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 10:59	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/19/2015 10:59	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/19/2015 10:59	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:59	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:59	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/19/2015 10:59	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:59	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:59	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/19/2015 10:59	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/19/2015 10:59	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:59	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/19/2015 10:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655226 Sample Description: MW-15B License/Well #: 4189/034 Sampled: 11/6/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/19/2015 10:59	RLD	EPA 8260C

CT LAB Sample#: 655227 Sample Description: MW-15B License/Well #: 4189/034 Sampled: 11/6/2015 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	2.45	mg/L	0.010	0.032	1			11/11/2015 19:32	NAH	EPA 6010C
Dissolved Manganese	539	ug/L	1.6	5.3	1			11/11/2015 19:32	NAH	EPA 6010C

CT LAB Sample#: 655228 Sample Description: MW-15S License/Well #: 4189/033 Sampled: 11/6/2015 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	1490	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	2.14	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	6.70	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	13.10	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	9.39	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.29	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	20	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	340	mg/L	5.0	18	1			11/9/2015 15:01	MER	EPA 310.2
Total Chloride	130	mg/L	4.0	14	4			11/9/2015 23:33	JJF	EPA 9056A

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655228 Sample Description: MW-15S

License/Well #: 4189/033 Sampled: 11/6/2015 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Sulfate	17	mg/L	2.0	6.8	2			11/9/2015 19:23	JJF	EPA 9056A
Total Organic Carbon	<0.40	mg/L	0.40	1.4	1			11/10/2015 20:16	JJF	EPA 9060A
Metals Results										
Total Iron	0.0620	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/18/2015 11:08	NAH	EPA 6010C
Total Manganese	20.7	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 11:08	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 09:33	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 09:33	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 09:33	BMS	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.4	1		11/12/2015 07:25	11/12/2015 09:33	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 11:27	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 11:27	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/19/2015 11:27	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/19/2015 11:27	RLD	EPA 8260C
1,1-Dichloroethane	0.20	ug/L	0.060	0.19	1			11/19/2015 11:27	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 11:27	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/19/2015 11:27	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 11:27	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 11:27	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/19/2015 11:27	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 11:27	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/19/2015 11:27	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 11:27	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 11:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655228 Sample Description: MW-15S

License/Well #: 4189/033 Sampled: 11/6/2015 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 11:27	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/19/2015 11:27	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/19/2015 11:27	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 11:27	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 11:27	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 11:27	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/19/2015 11:27	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/19/2015 11:27	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/19/2015 11:27	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 11:27	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/19/2015 11:27	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 11:27	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/19/2015 11:27	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/19/2015 11:27	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 11:27	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/19/2015 11:27	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			11/19/2015 11:27	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			11/19/2015 11:27	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/19/2015 11:27	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/19/2015 11:27	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/19/2015 11:27	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 11:27	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 11:27	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/19/2015 11:27	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 11:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655228 Sample Description: MW-15S

License/Well #: 4189/033 Sampled: 11/6/2015 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:27	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/19/2015	11:27	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/19/2015	11:27	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:27	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:27	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015	11:27	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:27	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/19/2015	11:27	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	11:27	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/19/2015	11:27	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015	11:27	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:27	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	11:27	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	11:27	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/19/2015	11:27	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/19/2015	11:27	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:27	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/19/2015	11:27	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/19/2015	11:27	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:27	RLD	EPA 8260C
Tetrachloroethene	0.075	ug/L	0.060 *	0.20	1		11/19/2015	11:27	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/19/2015	11:27	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:27	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/19/2015	11:27	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/19/2015	11:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655228 Sample Description: MW-15S License/Well #: 4189/033 Sampled: 11/6/2015 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichloroethene	0.051	ug/L	0.030 *	0.10	1			11/19/2015 11:27	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 11:27	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/19/2015 11:27	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/19/2015 11:27	RLD	EPA 8260C

CT LAB Sample#: 655229 Sample Description: MW-15S License/Well #: 4189/033 Sampled: 11/6/2015 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			11/11/2015 19:38	NAH	EPA 6010C
Dissolved Manganese	18.5	ug/L	1.6	5.3	1			11/11/2015 19:38	NAH	EPA 6010C

CT LAB Sample#: 655230 Sample Description: MW-15D License/Well #: 4189/025 Sampled: 11/6/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	920	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	2.55	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	6.67	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	
Temperature (Field)	12.35	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	9.99	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.31	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	1.6		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	45	MV	N/A	N/A	1			12/4/2015 12:30	PML	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655230 Sample Description: MW-15D

License/Well #: 4189/025 Sampled: 11/6/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Total	340	mg/L	5.0	18	1			11/9/2015 15:02	MER	EPA 310.2
Total Chloride	180	mg/L	3.0	11	3			11/9/2015 19:44	JJF	EPA 9056A
Total Sulfate	42	mg/L	3.0	10	3			11/9/2015 19:44	JJF	EPA 9056A
Total Organic Carbon	0.68	mg/L	0.40 *	1.4	1			11/10/2015 20:31	JJF	EPA 9060A
Metals Results										
Total Iron	0.0353	mg/L	0.020 *	0.065	1		11/16/2015 12:00	11/18/2015 11:14	NAH	EPA 6010C
Total Manganese	256	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 11:14	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 09:42	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 09:42	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 09:42	BMS	Mod RSK 175
Methane	1.8	ug/L	0.40	1.4	1		11/12/2015 07:25	11/12/2015 09:42	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 11:56	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 11:56	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/19/2015 11:56	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/19/2015 11:56	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 11:56	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 11:56	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/19/2015 11:56	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 11:56	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 11:56	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/19/2015 11:56	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 11:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655230 Sample Description: MW-15D

License/Well #: 4189/025 Sampled: 11/6/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/19/2015	11:56	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	11:56	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:56	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	11:56	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/19/2015	11:56	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/19/2015	11:56	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/19/2015	11:56	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	11:56	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/19/2015	11:56	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/19/2015	11:56	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:56	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	11:56	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/19/2015	11:56	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	11:56	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/19/2015	11:56	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/19/2015	11:56	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015	11:56	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	11:56	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	11:56	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/19/2015	11:56	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/19/2015	11:56	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/19/2015	11:56	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/19/2015	11:56	RLD	EPA 8260C
Chlorobenzene	0.24	ug/L	0.040	0.14	1		11/19/2015	11:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655230 Sample Description: MW-15D

License/Well #: 4189/025 Sampled: 11/6/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/19/2015	11:56	RLD	EPA 8260C
Chloromethane	0.077	ug/L	0.050 *	0.18	1		11/19/2015	11:56	RLD	EPA 8260C
cis-1,2-Dichloroethene	2.5	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/19/2015	11:56	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/19/2015	11:56	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:56	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:56	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015	11:56	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/19/2015	11:56	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	11:56	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/19/2015	11:56	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015	11:56	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	11:56	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	11:56	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/19/2015	11:56	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/19/2015	11:56	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/19/2015	11:56	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/19/2015	11:56	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	11:56	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/19/2015	11:56	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/19/2015	11:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655230 Sample Description: MW-15D License/Well #: 4189/025 Sampled: 11/6/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Toluene	<0.060	ug/L	0.060	0.21	1		11/19/2015	11:56	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.10	ug/L	0.060 *	0.20	1		11/19/2015	11:56	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/19/2015	11:56	RLD	EPA 8260C
Trichloroethene	9.8	ug/L	0.030	0.10	1		11/19/2015	11:56	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/19/2015	11:56	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/19/2015	11:56	RLD	EPA 8260C
Vinyl chloride	0.030	ug/L	0.016 *	0.052	1		11/19/2015	11:56	RLD	EPA 8260C

CT LAB Sample#: 655231 Sample Description: MW-15D License/Well #: 4189/025 Sampled: 11/6/2015 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1		11/11/2015	19:44	NAH	EPA 6010C
Dissolved Manganese	251	ug/L	1.6	5.3	1		11/11/2015	19:44	NAH	EPA 6010C

CT LAB Sample#: 655232 Sample Description: PW-11 License/Well #: 4189/058 Sampled: 11/6/2015 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1		11/19/2015	12:24	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1		11/19/2015	12:24	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/19/2015	12:24	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/19/2015	12:24	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	12:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655232 Sample Description: PW-11

License/Well #: 4189/058 Sampled: 11/6/2015 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 12:24	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:24	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 12:24	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 12:24	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/19/2015 12:24	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 12:24	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/19/2015 12:24	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 12:24	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:24	RLD	EPA 8260C
1,2-Dichloroethane	0.065	ug/L	0.040 *	0.14	1			11/19/2015 12:24	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/19/2015 12:24	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/19/2015 12:24	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:24	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 12:24	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 12:24	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/19/2015 12:24	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/19/2015 12:24	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:24	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 12:24	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/19/2015 12:24	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 12:24	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			11/19/2015 12:24	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			11/19/2015 12:24	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 12:24	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			11/19/2015 12:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655232 Sample Description: PW-11

License/Well #: 4189/058 Sampled: 11/6/2015 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.9	ug/L	0.060	0.21	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Diisopropyl ether	0.13	ug/L	0.040 *	0.15	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Methyl tert-butyl ether	1.0	ug/L	0.040	0.15	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/19/2015 12:24	11/19/2015 12:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655232 Sample Description: PW-11

License/Well #: 4189/058 Sampled: 11/6/2015 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/19/2015	12:24	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/19/2015	12:24	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/19/2015	12:24	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	12:24	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/19/2015	12:24	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		11/19/2015	12:24	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/19/2015	12:24	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.13	ug/L	0.060 *	0.20	1		11/19/2015	12:24	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/19/2015	12:24	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/19/2015	12:24	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/19/2015	12:24	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/19/2015	12:24	RLD	EPA 8260C
Vinyl chloride	0.040	ug/L	0.016 *	0.052	1		11/19/2015	12:24	RLD	EPA 8260C

CT LAB Sample#: 655233 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 11/6/2015 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	887	umhos/cm	N/A	N/A	1		12/4/2015	12:30	PML	
Dissolved Oxygen (Field)	0.30	mg/L	N/A	N/A	1		12/4/2015	12:30	PML	
pH (Field)	6.88	S.U.	N/A	N/A	1		12/4/2015	12:30	PML	
Temperature (Field)	11.65	Deg. C	N/A	N/A	1		12/4/2015	12:30	PML	
Depth to Groundwater (Field)	8.29	Feet	N/A	N/A	1		12/4/2015	12:30	PML	
Groundwater Elevation (Field)	845.41	Feet MSL	N/A	N/A	1		12/4/2015	12:30	PML	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655233 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 11/6/2015 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	-70	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	340	mg/L	5.0	18	1			11/9/2015 15:03	MER	EPA 310.2
Total Chloride	160	mg/L	3.0	11	3			11/9/2015 20:04	JJF	EPA 9056A
Total Sulfate	45	mg/L	3.0	10	3			11/9/2015 20:04	JJF	EPA 9056A
Total Organic Carbon	0.84	mg/L	0.40 *	1.4	1			11/10/2015 21:35	JJF	EPA 9060A
Metals Results										
Total Iron	0.628	mg/L	0.020	0.065	1		11/16/2015 12:00	11/18/2015 11:31	NAH	EPA 6010C
Total Manganese	31.8	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 11:31	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 09:51	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1		11/12/2015 07:25	11/12/2015 09:51	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 09:51	BMS	Mod RSK 175
Methane	7.9	ug/L	0.40	1.4	1		11/12/2015 07:25	11/12/2015 09:51	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 12:53	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/19/2015 12:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/19/2015 12:53	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:53	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 12:53	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 12:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 12:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655233 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 11/6/2015 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/19/2015	12:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	12:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/19/2015	12:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	12:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	12:53	RLD	EPA 8260C
1,2-Dichloroethane	0.074	ug/L	0.040 *	0.14	1		11/19/2015	12:53	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/19/2015	12:53	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/19/2015	12:53	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	12:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/19/2015	12:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	12:53	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/19/2015	12:53	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/19/2015	12:53	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/19/2015	12:53	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	12:53	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/19/2015	12:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	12:53	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/19/2015	12:53	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/19/2015	12:53	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015	12:53	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	12:53	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	12:53	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/19/2015	12:53	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/19/2015	12:53	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/19/2015	12:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655233 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 11/6/2015 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/19/2015 12:53	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 12:53	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/19/2015 12:53	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 12:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	9.3	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/19/2015 12:53	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/19/2015 12:53	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:53	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:53	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/19/2015 12:53	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/19/2015 12:53	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 12:53	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/19/2015 12:53	RLD	EPA 8260C
Methyl tert-butyl ether	0.35	ug/L	0.040	0.15	1			11/19/2015 12:53	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 12:53	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 12:53	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/19/2015 12:53	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/19/2015 12:53	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/19/2015 12:53	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/19/2015 12:53	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 12:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655233 Sample Description: MW-102D License/Well #: 4189/038 Sampled: 11/6/2015 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 12:53	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/19/2015 12:53	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 12:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.25	ug/L	0.060	0.20	1			11/19/2015 12:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/19/2015 12:53	RLD	EPA 8260C
Trichloroethene	0.36	ug/L	0.030	0.10	1			11/19/2015 12:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 12:53	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/19/2015 12:53	RLD	EPA 8260C
Vinyl chloride	0.21	ug/L	0.016	0.052	1			11/19/2015 12:53	RLD	EPA 8260C

CT LAB Sample#: 655234 Sample Description: MW-102D License/Well #: 4189/038 Sampled: 11/6/2015 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.553	mg/L	0.010	0.032	1			11/11/2015 20:06	NAH	EPA 6010C
Dissolved Manganese	20.3	ug/L	1.6	5.3	1			11/11/2015 20:06	NAH	EPA 6010C

CT LAB Sample#: 655235 Sample Description: MW-102S License/Well #: 4189/037 Sampled: 11/6/2015 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Conductivity (Field)	2640	umhos/cm	N/A	N/A	1			12/4/2015 12:30	PML	
Dissolved Oxygen (Field)	2.22	mg/L	N/A	N/A	1			12/4/2015 12:30	PML	
pH (Field)	6.42	S.U.	N/A	N/A	1			12/4/2015 12:30	PML	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655235 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 11/6/2015 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Temperature (Field)	13.44	Deg. C	N/A	N/A	1			12/4/2015 12:30	PML	
Depth to Groundwater (Field)	8.58	Feet	N/A	N/A	1			12/4/2015 12:30	PML	
Groundwater Elevation (Field)	845.07	Feet MSL	N/A	N/A	1			12/4/2015 12:30	PML	
Turbidity (Field)	0		N/A	N/A	1			12/4/2015 12:30	PML	
OX/REDOX (Field)	83	MV	N/A	N/A	1			12/4/2015 12:30	PML	
Inorganic Results										
Alkalinity Total	420	mg/L	5.0	18	1			11/9/2015 15:04	MER	EPA 310.2
Total Chloride	630	mg/L	10	35	10			11/9/2015 20:46	JJF	EPA 9056A
Total Sulfate	27	mg/L	1.0	3.4	1			11/9/2015 20:25	JJF	EPA 9056A
Total Organic Carbon	2.3	mg/L	0.40	1.4	1			11/10/2015 21:46	JJF	EPA 9060A
Metals Results										
Total Iron	<0.020	mg/L	0.020	0.065	1		11/16/2015 12:00	11/18/2015 12:10	NAH	EPA 6010C
Total Manganese	7.0	ug/L	1.4	4.7	1		11/16/2015 12:00	11/18/2015 12:10	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		11/12/2015 07:25	11/12/2015 10:00	BMS	Mod RSK 175
Ethane	<0.90	ug/L	0.90	2.9	1	Y	11/12/2015 07:25	11/12/2015 10:00	BMS	Mod RSK 175
Ethene	<1.2	ug/L	1.2	4.0	1		11/12/2015 07:25	11/12/2015 10:00	BMS	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.4	1	Y	11/12/2015 07:25	11/12/2015 10:00	BMS	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:21	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/19/2015 13:21	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/19/2015 13:21	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 13:21	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 13:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655235 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 11/6/2015 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:21	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	13:21	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/19/2015	13:21	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/19/2015	13:21	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	13:21	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/19/2015	13:21	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:21	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:21	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:21	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/19/2015	13:21	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/19/2015	13:21	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	13:21	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/19/2015	13:21	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	13:21	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/19/2015	13:21	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/19/2015	13:21	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:21	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	13:21	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/19/2015	13:21	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	13:21	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		11/19/2015	13:21	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/19/2015	13:21	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:21	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	13:21	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	13:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655235 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 11/6/2015 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromoform	<0.018	ug/L	0.018	0.060	1			11/19/2015 13:21	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			11/19/2015 13:21	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			11/19/2015 13:21	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			11/19/2015 13:21	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			11/19/2015 13:21	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			11/19/2015 13:21	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:21	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			11/19/2015 13:21	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			11/19/2015 13:21	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 13:21	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 13:21	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			11/19/2015 13:21	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			11/19/2015 13:21	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 13:21	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			11/19/2015 13:21	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			11/19/2015 13:21	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 13:21	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 13:21	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:21	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/19/2015 13:21	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655235 Sample Description: MW-102S License/Well #: 4189/037 Sampled: 11/6/2015 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:21	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/19/2015 13:21	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 13:21	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 13:21	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/19/2015 13:21	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:21	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 13:21	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/19/2015 13:21	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/19/2015 13:21	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:21	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/19/2015 13:21	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/19/2015 13:21	RLD	EPA 8260C

CT LAB Sample#: 655236 Sample Description: MW-102S License/Well #: 4189/037 Sampled: 11/6/2015 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			11/11/2015 20:11	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			11/11/2015 20:11	NAH	EPA 6010C

CT LAB Sample#: 655237 Sample Description: FILTER BLANK License/Well #: 4189/997 Sampled: 11/6/2015 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655237 Sample Description: FILTER BLANK

License/Well #: 4189/997 Sampled: 11/6/2015 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1		11/19/2015	13:50	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1		11/19/2015	13:50	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		11/19/2015	13:50	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		11/19/2015	13:50	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:50	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		11/19/2015	13:50	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:50	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	13:50	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		11/19/2015	13:50	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		11/19/2015	13:50	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	13:50	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		11/19/2015	13:50	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:50	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:50	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:50	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		11/19/2015	13:50	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		11/19/2015	13:50	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	13:50	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		11/19/2015	13:50	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015	13:50	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		11/19/2015	13:50	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		11/19/2015	13:50	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:50	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	13:50	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		11/19/2015	13:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655237 Sample Description: FILTER BLANK

License/Well #: 4189/997 Sampled: 11/6/2015 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		11/19/2015	13:50	RLD	EPA 8260C
Acetone	1.8	ug/L	0.90 *	3.1	1		11/19/2015	13:50	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/19/2015	13:50	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:50	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	13:50	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015	13:50	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/19/2015	13:50	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/19/2015	13:50	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/19/2015	13:50	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/19/2015	13:50	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015	13:50	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/19/2015	13:50	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/19/2015	13:50	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/19/2015	13:50	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		11/19/2015	13:50	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/19/2015	13:50	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/19/2015	13:50	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:50	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/19/2015	13:50	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015	13:50	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015	13:50	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/19/2015	13:50	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015	13:50	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/19/2015	13:50	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015	13:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655237 Sample Description: FILTER BLANK License/Well #: 4189/997 Sampled: 11/6/2015 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methylene chloride	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:50	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 13:50	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 13:50	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:50	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			11/19/2015 13:50	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:50	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:50	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			11/19/2015 13:50	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 13:50	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 13:50	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			11/19/2015 13:50	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			11/19/2015 13:50	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			11/19/2015 13:50	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			11/19/2015 13:50	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			11/19/2015 13:50	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 13:50	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			11/19/2015 13:50	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			11/19/2015 13:50	RLD	EPA 8260C

CT LAB Sample#: 655238 Sample Description: TB-4 License/Well #: 4189/999 Sampled: 11/6/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:30	RLD	EPA 8260C
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Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655238 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 11/6/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:30	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			11/19/2015 10:30	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			11/19/2015 10:30	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:30	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			11/19/2015 10:30	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:30	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 10:30	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 10:30	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			11/19/2015 10:30	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			11/19/2015 10:30	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			11/19/2015 10:30	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 10:30	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:30	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			11/19/2015 10:30	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:30	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			11/19/2015 10:30	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			11/19/2015 10:30	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			11/19/2015 10:30	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			11/19/2015 10:30	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			11/19/2015 10:30	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			11/19/2015 10:30	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			11/19/2015 10:30	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 10:30	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			11/19/2015 10:30	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			11/19/2015 10:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655238 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 11/6/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	4.1	ug/L	0.90	3.1	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 655238 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 11/6/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Tetrahydrofuran	1.1	ug/L	0.60 *	2.1	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		11/19/2015 10:30	11/19/2015 10:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Pat M. Letterer
 Project Manager
 608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Company: Tetra Tech
 Project Contact: Mark Manth
 Telephone: 262 792 1282

Folder #: 115269
 Company: TETRA TECH
 Project: OCONOMOWOC ELEC

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com

Report To:
 EMAIL: mark.manthey@tetratech.com
 Company: Tetra Tech
 Address: 175 N. Corporate Dr
 Suite 160 Brookfield WI 53015

Project Name: OCONOMOWOC Electroplating

Logged By: JLS PM: PM

Program:
 QSM RCRA SDWA NPDES

Solid Waste Other

Invoice To:

EMAIL:

Company:

Address:

Project #: 117-7413601.01
 Location: OCONOMOWOC
 Sampled By: Ashley Kowalewski

PO #

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

ICP Dissolved is filtered &

ANALYSES REQUESTED

Turnaround Time
 Normal RUSH*
 Date Needed: _____

Rush analysis requires prior
 CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Filtered? Y/N

Total Organic Carbon

ICP Total

ICP Dissolved

alkalinity

metals: Pb, Cu, Zn, Ni, Cr, Mn, Fe

VOCs: P, R, G, O, B, N, A, T, M, X, E, S

Total # Containers

Designated MS/MSD

Collection		Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test													CT Lab ID # Lab use only	
Date	Time																			
11-6-15	950	GW	grab		MW-15B	1	1	1	1	3	3								10	655226/227
	1030				MW-15S	1	1	1	1	3	3								10	655228/229
	1130				MW-15D	1	1	1	1	3	3								10	655230/231
	1215				PW-11						3								3	655232
	1230				MW-102D	1	1	1	1	3	3								10	655233/234
	1300				MW-102S	1	1	1	1	3	3								10	655235/236
	1330	AK																	AK	
	1345				Filter blank						3								3	655237
-	-	DI			TB-4						2								2	655238

Relinquished By: Ashley Kowalewski
 Received by:

Date/Time: 11-6-15 11030
 Date/Time:

Received By: [Signature]
 Received for Laboratory by:

Date/Time: 11/9/15 0904
 Date/Time: 11/9/15

Lab Use Only
 Ice Present Yes No
 Temp 3.8 IR Gun # 11
 Cooler # 5689

CT Laboratories Terms and Conditions

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephone (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples not meeting the acceptance criteria, outlined in the NELAC standards and Section 5.8.3.2 of the DOD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information; if unable to obtain the necessary information, the final report will be qualified. (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the laboratory cannot determine the identity of a sample, it will be rejected and the client will be contacted for further instructions or resampling. (3) be in an appropriate sample container. If the container is inappropriate, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservations for analytical methods requested. (4) adhere to specified holding times. If samples are received with less than 1/2 the holding time remaining for the requested test, CT Laboratories will make its best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified. (5) contain adequate sample volume to perform the necessary testing. If sufficient volume is not present, the sample will be rejected and the client will be contacted for further instructions or resampling. If samples show signs of damage, contamination or inadequate preservation, the client will be notified. If analysis can be performed, the final report will be qualified. If not, the samples will be rejected and the client notified for further instructions or resampling.

1.2 CT Laboratories must be supplied with complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.

1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.

3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or acceleration in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.

3.3 Suspension or termination of all or any part of the work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manuals then in effect, and CTL will not be responsible for any resampling or other changes if work must be repeated to comply with a subsequently finalized QAPP.

4.2 CTL shall start preparation and/or analysis within holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with CTL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.

4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.

4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.

4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL, will be limited to repeating any services performed, contingent on the Client's providing, at the request of CTL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If resampling is necessary, CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars (\$150) per sample, whichever is less.

4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.

4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.

5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.

5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to independently defend its data.

5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurance are those of the subcontracted laboratory.

5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).

5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for five (5) years.

5.7 In the event that CTL is required to respond to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the state having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/ aggregate), Comprehensive Automobile Liability, owned and hired, (\$1,000,000 combined single limit), and Professional/Pollution Liability Insurance (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.

7. AUDIT

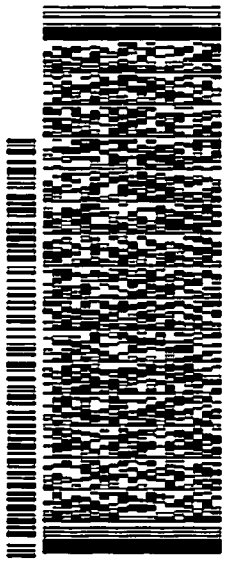
7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

ORIGIN ID: RRLA (262) 792-1282
ASHLEY KOWALEWSKI
GEOTRANS INC
175 N CORPORATE DRIVE
SUE, 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 08NOV15
ACT WGT: 45.00 LB
CAD: 10439501 NET 3670
DIM: 23x14x15 IN
BILL SENDER

To: PATRICK LETTERER
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913 REF 117-7413001 01
(608) 358-2780
INV PO DEPT



SATURDAY 12:00P
PRIORITY OVERNIGHT
DSR
53913
WI-US MSN

TRK# 7749 2502 7830
0201
XO MSNA



After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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Ice Present Yes No # 11
Temperature 38
Initials DL
Date 11/15 Time 10:30
Cooler # 5689

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 115269

**Project Name: OCONOMOWOC
 ELECTROPLATING**

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120731	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655264	Analysis Time:	14:36	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	369.0	mg/L			375.0	98	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120731	Analysis Date:	11/9/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	655265	Analysis Time:	14:37	Prep Date/Time:		Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	7	mg/L		U	0			7	

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Duplicate

Analytical Run #:	120744	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655637	Analysis Time:	17:38	Prep Date/Time:	Method:	SW9056A
Parent Sample #:	655226	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	8.58	mg/L	8.6					0	20
Total Sulfate	6.03	mg/L	6.0					0	20

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120744	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	655632	Analysis Time:	13:41	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	15.35	mg/L			15.00	102	80 --- 120		
Sulfate	24.93	mg/L			25.00	100	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120744	Analysis Date:	11/9/2015	Prep Batch #:		Matrix:	LIQUID
CTLab #:	655638	Analysis Time:	14:02	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	1.0	mg/L		U	0		1.0		
Sulfate	1.0	mg/L		U	0		1.0		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120744	Analysis Date:	11/9/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	655633	Analysis Time:	19:02	Prep Date/Time:	Method:	SW9056A
Parent Sample #:	655226	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	18.5	mg/L	8.6		8.00	124	80 --- 120		20
Total Sulfate	14.3	mg/L	6.0		8.00	104	80 --- 120		20

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Duplicate

Analytical Run #:	120793	Analysis Date:	11/10/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656426	Analysis Time:	21:57	Prep Date/Time:	Method:	SW9060
Parent Sample #:	655235	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	1.97	mg/L	2.3					15	20

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120793	Analysis Date:	11/10/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	656419	Analysis Time:	15:36	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	47.05	mg/L			50.00	94	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120793	Analysis Date:	11/10/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	656420	Analysis Time:	15:50	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.4	mg/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120793	Analysis Date:	11/10/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656428	Analysis Time:	22:22	Prep Date/Time:	Method:	SW9060
Parent Sample #:	656427	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	50.3	mg/L	2.3		50.0	96	82 --- 119	1	6

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120793	Analysis Date:	11/10/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	656427	Analysis Time:	22:08	Prep Date/Time:	Method:	SW9060
Parent Sample #:	655235	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	49.7	mg/L	2.3		50.0	95	82 --- 119		6

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120777	Analysis Date:	11/11/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	658801	Analysis Time:	20:23	Prep Date/Time:	Method:	SW6010
Parent Sample #:	658800	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.62	mg/L	BDL		2.00	81	72 --- 113	0	18
Manganese	1050	ug/L	BDL		1000	105	67 --- 121	5	13

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120777	Analysis Date:	11/11/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	658800	Analysis Time:	20:17	Prep Date/Time:	Method:	SW6010
Parent Sample #:	655236	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.62	mg/L	BDL		2.00	81	72 --- 113		18
Manganese	996	ug/L	BDL		1000	100	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120989	Analysis Date:	11/17/2015	Prep Batch #:	55106	Matrix:	LIQUID
CTLab #:	658996	Analysis Time:	17:12	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.4190	mg/L			0.4000	105	80 --- 115		
Manganese	211.0	ug/L			200.0	106	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120989	Analysis Date:	11/17/2015	Prep Batch #:	55106	Matrix:	LIQUID
CTLab #:	658995	Analysis Time:	17:17	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120990	Analysis Date:	11/18/2015	Prep Batch #:	55107	Matrix:	LIQUID
CTLab #:	659000	Analysis Time:	11:20	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.3360	mg/L			0.4000	84	80 --- 115		
Manganese	216.0	ug/L			200.0	108	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120990	Analysis Date:	11/18/2015	Prep Batch #:	55107	Matrix:	LIQUID
CTLab #:	658999	Analysis Time:	11:25	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120990	Analysis Date:	11/18/2015	Prep Batch #:	55107	Matrix:	GROUND WATER
CTLab #:	659002	Analysis Time:	11:59	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:	659001	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.02	mg/L	0.628		0.400	98	72 --- 118	6	11
Manganese	228	ug/L	31.8		200	98	84 --- 111	1	7

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120990	Analysis Date:	11/18/2015	Prep Batch #:	55107	Matrix:	GROUND WATER
CTLab #:	659001	Analysis Time:	11:53	Prep Date/Time:	11/16/2015 12:00	Method:	SW6010
Parent Sample #:	655233	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.962	mg/L	0.628		0.400	84	72 --- 118		
Manganese	230	ug/L	31.8		200	99	84 --- 111		

Lab Control Spike Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	660616	Analysis Time:	09:05	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.07	ug/L			4.00	102	74 --- 127		
1,1,1-Trichloroethane	4.67	ug/L			4.00	117	73 --- 132		
1,1,2,2-Tetrachloroethane	4.09	ug/L			4.00	102	67 --- 129		
1,1,2-Trichloroethane	4.39	ug/L			4.00	110	73 --- 129		
1,1-Dichloroethane	4.54	ug/L			4.00	114	73 --- 129		
1,1-Dichloroethene	4.68	ug/L			4.00	117	73 --- 132		
1,1-Dichloropropene	4.57	ug/L			4.00	114	75 --- 125		
1,2 Dichloroethane-d4	95.0	% Recovery			100	95.0	68 --- 120		
1,2,3-Trichlorobenzene	3.85	ug/L			4.00	96	72 --- 125		
1,2,3-Trichloropropane	3.97	ug/L			4.00	99	68 --- 136		
1,2,4-Trichlorobenzene	3.78	ug/L			4.00	94	67 --- 124		
1,2,4-Trimethylbenzene	4.30	ug/L			4.00	108	77 --- 123		
1,2-Dibromo-3-chloropropane	3.26	ug/L			4.00	82	56 --- 138		
1,2-Dibromoethane	4.01	ug/L			4.00	100	76 --- 127		
1,2-Dichlorobenzene	4.01	ug/L			4.00	100	82 --- 120		
1,2-Dichloroethane	4.54	ug/L			4.00	114	72 --- 134		
1,2-Dichloropropane	4.40	ug/L			4.00	110	76 --- 124		
1,3,5-Trimethylbenzene	4.29	ug/L			4.00	107	77 --- 124		
1,3-Dichlorobenzene	4.05	ug/L			4.00	101	81 --- 120		
1,3-Dichloropropane	4.39	ug/L			4.00	110	76 --- 125		
1,4-Dichlorobenzene	3.85	ug/L			4.00	96	80 --- 120		
2,2-Dichloropropane	4.65	ug/L			4.00	116	54 --- 144		
2-Butanone	43.2	ug/L			40.0	108	57 --- 144		
2-Chlorotoluene	4.08	ug/L			4.00	102	77 --- 123		
2-Hexanone	38.9	ug/L			40.0	97	61 --- 132		
4-Chlorotoluene	4.22	ug/L			4.00	106	76 --- 124		
4-Methyl-2-pentanone	43.1	ug/L			40.0	108	64 --- 135		
Acetone	41.2	ug/L			40.0	103	51 --- 152		
Benzene	4.56	ug/L			4.00	114	80 --- 122		
Bromobenzene	3.81	ug/L			4.00	95	81 --- 120		
Bromochloromethane	4.48	ug/L			4.00	112	78 --- 126		
Bromodichloromethane	4.48	ug/L			4.00	112	67 --- 132		
Bromofluorobenzene	96.0	% Recovery			100	96.0	68 --- 120		
Bromoform	3.79	ug/L			4.00	95	55 --- 132		
Bromomethane	4.79	ug/L			4.00	120	65 --- 141		
Carbon disulfide	9.14	ug/L			8.00	114	61 --- 140		
Carbon tetrachloride	4.73	ug/L			4.00	118	72 --- 133		
Chlorobenzene	4.16	ug/L			4.00	104	80 --- 122		
Chloroethane	4.60	ug/L			4.00	115	71 --- 134		
Chloroform	4.56	ug/L			4.00	114	73 --- 127		
Chloromethane	4.37	ug/L			4.00	109	72 --- 128		
cis-1,2-Dichloroethene	4.46	ug/L			4.00	112	76 --- 127		

Lab Control Spike Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	660616	Analysis Time:	09:05	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	4.54	ug/L			4.00	114	72 --- 125		
d8-Toluene	105	% Recovery			100	105	71 --- 117		
Dibromochloromethane	3.95	ug/L			4.00	99	60 --- 131		
Dibromofluoromethane	107	% Recovery			100	107	67 --- 121		
Dibromomethane	4.38	ug/L			4.00	110	76 --- 129		
Dichlorodifluoromethane	4.61	ug/L			4.00	115	64 --- 149		
Diisopropyl ether	4.41	ug/L			4.00	110	62 --- 137		
Ethylbenzene	4.31	ug/L			4.00	108	80 --- 121		
Hexachlorobutadiene	3.50	ug/L			4.00	88	71 --- 131		
Isopropylbenzene	4.35	ug/L			4.00	109	75 --- 122		
m & p-Xylene	8.64	ug/L			8.00	108	80 --- 121		
Methyl tert-butyl ether	4.17	ug/L			4.00	104	63 --- 135		
Methylene chloride	3.96	ug/L			4.00	99	38 --- 174		
n-Butylbenzene	4.60	ug/L			4.00	115	71 --- 125		
n-Propylbenzene	4.44	ug/L			4.00	111	76 --- 122		
Naphthalene	3.76	ug/L			4.00	94	64 --- 126		
o-Xylene	4.14	ug/L			4.00	104	77 --- 120		
p-Isopropyltoluene	4.40	ug/L			4.00	110	76 --- 122		
sec-Butylbenzene	4.39	ug/L			4.00	110	75 --- 122		
Styrene	4.21	ug/L			4.00	105	76 --- 121		
tert-Butylbenzene	4.28	ug/L			4.00	107	77 --- 120		
Tetrachloroethene	4.37	ug/L			4.00	109	75 --- 127		
Tetrahydrofuran	41.0	ug/L			40.0	102	60 --- 131		
Toluene	4.65	ug/L			4.00	116	80 --- 122		
trans-1,2-Dichloroethene	4.49	ug/L			4.00	112	68 --- 136		
trans-1,3-Dichloropropene	4.42	ug/L			4.00	110	65 --- 126		
Trichloroethene	4.49	ug/L			4.00	112	78 --- 126		
Trichlorofluoromethane	4.42	ug/L			4.00	110	70 --- 145		
Vinyl acetate	45.4	ug/L			40.0	114	38 --- 152		
Vinyl chloride	4.77	ug/L			4.00	119	71 --- 135		

Method Blank Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	660721	Analysis Time:	10:02	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	89.0	% Recovery			100	89.0	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	0.9	ug/L		U	0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	99.0	% Recovery			100	99.0	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.05	ug/L		U	0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	LIQUID
CTLab #:	660721	Analysis Time:	10:02	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	104	% Recovery			100	104	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	104	% Recovery			100	104	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.06	ug/L		U	0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.6	ug/L		U	0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

Matrix Spike Duplicate Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	661113	Analysis Time:	14:46	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	661083	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.69	ug/L	BDL		4.00	92	71 --- 136	1	21
1,1,1-Trichloroethane	4.26	ug/L	BDL		4.00	106	77 --- 150	1	20
1,1,2,2-Tetrachloroethane	3.62	ug/L	BDL		4.00	90	68 --- 139	0	22
1,1,2-Trichloroethane	3.89	ug/L	BDL		4.00	97	70 --- 139	2	25
1,1-Dichloroethane	4.10	ug/L	BDL		4.00	102	65 --- 149	1	25
1,1-Dichloroethene	4.29	ug/L	BDL		4.00	107	56 --- 164	2	24
1,1-Dichloropropene	4.29	ug/L	BDL		4.00	107	65 --- 146	1	21
1,2-Dichloroethane-d4	89.0	% Recovery			100	89.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.49	ug/L	BDL		4.00	87	62 --- 135	0	31
1,2,3-Trichloropropane	3.07	ug/L	BDL		4.00	77	66 --- 145	5	26
1,2,4-Trichlorobenzene	3.35	ug/L	BDL		4.00	84	61 --- 132	2	29
1,2,4-Trimethylbenzene	3.95	ug/L	BDL		4.00	99	1 --- 154	2	36
1,2-Dibromo-3-chloropropane	2.79	ug/L	BDL		4.00	70	49 --- 144	9	34
1,2-Dibromoethane	3.54	ug/L	BDL		4.00	88	76 --- 132	2	22
1,2-Dichlorobenzene	3.65	ug/L	BDL		4.00	91	78 --- 128	2	23
1,2-Dichloroethane	4.00	ug/L	BDL		4.00	100	70 --- 147	2	21
1,2-Dichloropropane	4.02	ug/L	BDL		4.00	100	72 --- 138	2	19
1,3,5-Trimethylbenzene	3.98	ug/L	BDL		4.00	100	1 --- 151	2	34
1,3-Dichlorobenzene	3.74	ug/L	BDL		4.00	94	78 --- 127	0	22
1,3-Dichloropropane	4.00	ug/L	BDL		4.00	100	73 --- 136	1	23
1,4-Dichlorobenzene	3.55	ug/L	BDL		4.00	89	78 --- 127	2	22
2,2-Dichloropropane	4.25	ug/L	BDL		4.00	106	50 --- 165	1	21
2-Butanone	35.2	ug/L	BDL		40.0	88	45 --- 160	0	29
2-Chlorotoluene	3.74	ug/L	BDL		4.00	94	74 --- 130	3	20
2-Hexanone	33.6	ug/L	BDL		40.0	84	55 --- 143	2	28
4-Chlorotoluene	3.88	ug/L	BDL		4.00	97	57 --- 131	3	22
4-Methyl-2-pentanone	38.3	ug/L	BDL		40.0	96	58 --- 146	1	29
Acetone	25.6	ug/L	BDL		40.0	64	27 --- 172	1	39
Benzene	4.15	ug/L	BDL		4.00	104	81 --- 134	1	17
Bromobenzene	3.46	ug/L	BDL		4.00	86	80 --- 127	3	20
Bromochloromethane	3.88	ug/L	BDL		4.00	97	73 --- 143	4	22
Bromodichloromethane	3.95	ug/L	BDL		4.00	99	64 --- 139	2	20
Bromofluorobenzene	97.0	% Recovery			100	97.0	67 --- 120		7
Bromoform	2.99	ug/L	BDL		4.00	75	49 --- 125	7	28
Bromomethane	3.40	ug/L	BDL		4.00	85	59 --- 167	15	34
Carbon disulfide	8.51	ug/L	BDL		8.00	106	12 --- 140	2	31
Carbon tetrachloride	4.32	ug/L	BDL		4.00	108	74 --- 153	1	20
Chlorobenzene	3.83	ug/L	BDL		4.00	96	82 --- 130	3	21
Chloroethane	5.66	ug/L	BDL		4.00	142	64 --- 165	2	26
Chloroform	4.10	ug/L	BDL		4.00	102	73 --- 138	3	18
Chloromethane	3.67	ug/L	BDL		4.00	92	62 --- 157	2	21
cis-1,2-Dichloroethene	4.08	ug/L	BDL		4.00	102	75 --- 152	1	21

Matrix Spike Duplicate Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	661113	Analysis Time:	14:46	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	661083	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.77	ug/L	BDL		4.00	94	61 --- 129	0	21
d8-Toluene	106	% Recovery			100	106	60 --- 119		7
Dibromochloromethane	3.46	ug/L	BDL		4.00	86	56 --- 130	1	23
Dibromofluoromethane	106	% Recovery			100	106	65 --- 128		7
Dibromomethane	3.92	ug/L	BDL		4.00	98	71 --- 142	1	21
Dichlorodifluoromethane	4.03	ug/L	BDL		4.00	101	62 --- 196	0	22
Diisopropyl ether	3.97	ug/L	BDL		4.00	99	46 --- 161	2	27
Ethylbenzene	3.96	ug/L	BDL		4.00	99	52 --- 139	2	24
Hexachlorobutadiene	3.40	ug/L	BDL		4.00	85	66 --- 147	1	30
Isopropylbenzene	4.00	ug/L	BDL		4.00	100	50 --- 135	2	24
m & p-Xylene	7.90	ug/L	BDL		8.00	99	1 --- 156	4	28
Methyl tert-butyl ether	3.79	ug/L	BDL		4.00	95	46 --- 161	1	33
Methylene chloride	3.44	ug/L	BDL		4.00	86	10 --- 181	2	36
n-Butylbenzene	4.25	ug/L	BDL		4.00	106	46 --- 144	2	24
n-Propylbenzene	4.10	ug/L	BDL		4.00	102	51 --- 139	2	23
Naphthalene	3.37	ug/L	BDL		4.00	84	45 --- 135	2	31
o-Xylene	3.77	ug/L	BDL		4.00	94	11 --- 148	4	26
p-Isopropyltoluene	4.04	ug/L	BDL		4.00	101	18 --- 148	3	27
sec-Butylbenzene	4.18	ug/L	BDL		4.00	104	57 --- 138	2	23
Styrene	3.80	ug/L	BDL		4.00	95	1 --- 159	3	40
tert-Butylbenzene	4.00	ug/L	BDL		4.00	100	74 --- 132	3	22
Tetrachloroethene	4.05	ug/L	BDL		4.00	101	79 --- 144	2	21
Tetrahydrofuran	36.3	ug/L	BDL		40.0	91	51 --- 139	1	28
Toluene	4.14	ug/L	BDL		4.00	104	56 --- 141	4	19
trans-1,2-Dichloroethene	4.07	ug/L	BDL		4.00	102	53 --- 161	2	28
trans-1,3-Dichloropropene	3.67	ug/L	BDL		4.00	92	57 --- 124	3	21
Trichloroethene	4.14	ug/L	BDL		4.00	104	74 --- 138	4	19
Trichlorofluoromethane	4.68	ug/L	BDL		4.00	117	83 --- 174	3	23
Vinyl acetate	41.8	ug/L	BDL		40.0	104	0 --- 198	0	25
Vinyl chloride	4.88	ug/L	BDL		4.00	122	65 --- 168	1	21

Matrix Spike Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	661083	Analysis Time:	14:18	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	655226	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.73	ug/L	BDL		4.00	93	71 --- 136		21
1,1,1-Trichloroethane	4.32	ug/L	BDL		4.00	108	77 --- 150		20
1,1,2,2-Tetrachloroethane	3.62	ug/L	BDL		4.00	90	68 --- 139		22
1,1,2-Trichloroethane	3.97	ug/L	BDL		4.00	99	70 --- 139		25
1,1-Dichloroethane	4.13	ug/L	BDL		4.00	103	65 --- 149		25
1,1-Dichloroethene	4.39	ug/L	BDL		4.00	110	56 --- 164		24
1,1-Dichloropropene	4.33	ug/L	BDL		4.00	108	65 --- 146		21
1,2-Dichloroethane-d4	95.0	% Recovery			100	95.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.48	ug/L	BDL		4.00	87	62 --- 135		31
1,2,3-Trichloropropane	2.91	ug/L	BDL		4.00	73	66 --- 145		26
1,2,4-Trichlorobenzene	3.40	ug/L	BDL		4.00	85	61 --- 132		29
1,2,4-Trimethylbenzene	4.04	ug/L	BDL		4.00	101	1 --- 154		36
1,2-Dibromo-3-chloropropane	3.04	ug/L	BDL		4.00	76	49 --- 144		34
1,2-Dibromoethane	3.60	ug/L	BDL		4.00	90	76 --- 132		22
1,2-Dichlorobenzene	3.71	ug/L	BDL		4.00	93	78 --- 128		23
1,2-Dichloroethane	4.09	ug/L	BDL		4.00	102	70 --- 147		21
1,2-Dichloropropane	4.09	ug/L	BDL		4.00	102	72 --- 138		19
1,3,5-Trimethylbenzene	4.07	ug/L	BDL		4.00	102	1 --- 151		34
1,3-Dichlorobenzene	3.73	ug/L	BDL		4.00	93	78 --- 127		22
1,3-Dichloropropane	3.97	ug/L	BDL		4.00	99	73 --- 136		23
1,4-Dichlorobenzene	3.63	ug/L	BDL		4.00	91	78 --- 127		22
2,2-Dichloropropane	4.19	ug/L	BDL		4.00	105	50 --- 165		21
2-Butanone	35.1	ug/L	BDL		40.0	88	45 --- 160		29
2-Chlorotoluene	3.85	ug/L	BDL		4.00	96	74 --- 130		20
2-Hexanone	34.2	ug/L	BDL		40.0	86	55 --- 143		28
4-Chlorotoluene	3.99	ug/L	BDL		4.00	100	57 --- 131		22
4-Methyl-2-pentanone	38.1	ug/L	BDL		40.0	95	58 --- 146		29
Acetone	25.9	ug/L	BDL		40.0	65	27 --- 172		39
Benzene	4.20	ug/L	BDL		4.00	105	81 --- 134		17
Bromobenzene	3.57	ug/L	BDL		4.00	89	80 --- 127		20
Bromochloromethane	4.04	ug/L	BDL		4.00	101	73 --- 143		22
Bromodichloromethane	4.01	ug/L	BDL		4.00	100	64 --- 139		20
Bromofluorobenzene	94.0	% Recovery			100	94.0	67 --- 120		7
Bromoform	3.20	ug/L	BDL		4.00	80	49 --- 125		28
Bromomethane	3.96	ug/L	BDL		4.00	99	59 --- 167		34
Carbon disulfide	8.69	ug/L	BDL		8.00	109	12 --- 140		31
Carbon tetrachloride	4.37	ug/L	BDL		4.00	109	74 --- 153		20
Chlorobenzene	3.93	ug/L	BDL		4.00	98	82 --- 130		21
Chloroethane	5.52	ug/L	BDL		4.00	138	64 --- 165		26
Chloroform	4.21	ug/L	BDL		4.00	105	73 --- 138		18
Chloromethane	3.76	ug/L	BDL		4.00	94	62 --- 157		21
cis-1,2-Dichloroethene	4.11	ug/L	BDL		4.00	103	75 --- 152		21

Matrix Spike Water

Analytical Run #:	120729	Analysis Date:	11/19/2015	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	661083	Analysis Time:	14:18	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	655226	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.77	ug/L	BDL		4.00	94	61 --- 129		21
d8-Toluene	104	% Recovery			100	104	60 --- 119		7
Dibromochloromethane	3.48	ug/L	BDL		4.00	87	56 --- 130		23
Dibromofluoromethane	109	% Recovery			100	109	65 --- 128		7
Dibromomethane	3.98	ug/L	BDL		4.00	100	71 --- 142		21
Dichlorodifluoromethane	4.04	ug/L	BDL		4.00	101	62 --- 196		22
Diisopropyl ether	4.04	ug/L	BDL		4.00	101	46 --- 161		27
Ethylbenzene	4.06	ug/L	BDL		4.00	102	52 --- 139		24
Hexachlorobutadiene	3.44	ug/L	BDL		4.00	86	66 --- 147		30
Isopropylbenzene	4.09	ug/L	BDL		4.00	102	50 --- 135		24
m & p-Xylene	8.18	ug/L	BDL		8.00	102	1 --- 156		28
Methyl tert-butyl ether	3.74	ug/L	BDL		4.00	94	46 --- 161		33
Methylene chloride	3.51	ug/L	BDL		4.00	88	10 --- 181		36
n-Butylbenzene	4.36	ug/L	BDL		4.00	109	46 --- 144		24
n-Propylbenzene	4.19	ug/L	BDL		4.00	105	51 --- 139		23
Naphthalene	3.32	ug/L	BDL		4.00	83	45 --- 135		31
o-Xylene	3.91	ug/L	BDL		4.00	98	11 --- 148		26
p-Isopropyltoluene	4.17	ug/L	BDL		4.00	104	18 --- 148		27
sec-Butylbenzene	4.25	ug/L	BDL		4.00	106	57 --- 138		23
Styrene	3.91	ug/L	BDL		4.00	98	1 --- 159		40
tert-Butylbenzene	4.11	ug/L	BDL		4.00	103	74 --- 132		22
Tetrachloroethene	4.12	ug/L	BDL		4.00	103	79 --- 144		21
Tetrahydrofuran	36.1	ug/L	BDL		40.0	90	51 --- 139		28
Toluene	4.32	ug/L	BDL		4.00	108	56 --- 141		19
trans-1,2-Dichloroethene	4.15	ug/L	BDL		4.00	104	53 --- 161		28
trans-1,3-Dichloropropene	3.77	ug/L	BDL		4.00	94	57 --- 124		21
Trichloroethene	4.32	ug/L	BDL		4.00	108	74 --- 138		19
Trichlorofluoromethane	4.81	ug/L	BDL		4.00	120	83 --- 174		23
Vinyl acetate	41.6	ug/L	BDL		40.0	104	0 --- 198		25
Vinyl chloride	4.93	ug/L	BDL		4.00	123	65 --- 168		21

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	120878	Analysis Date:	11/12/2015	Prep Batch #:	55061	Matrix:	LIQUID
CTLab #:	657380	Analysis Time:	08:43	Prep Date/Time:	11/12/2015 07:25	Method:	RSK175
Parent Sample #:		Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.88	ug/L			3.07	94	70 --- 130		20
Ethane	5.29	ug/L			4.78	111	70 --- 130		20
Ethene	7.58	ug/L			6.79	112	65 --- 124		20
Methane	2.49	ug/L			2.29	109	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	120878	Analysis Date:	11/12/2015	Prep Batch #:	55061	Matrix:	LIQUID
CTLab #:	657379	Analysis Time:	08:55	Prep Date/Time:	11/12/2015 07:25	Method:	RSK175
Parent Sample #:		Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.9	ug/L		U	0		0.9		
Ethene	1.2	ug/L		U	0		1.2		
Methane	0.4	ug/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	120878	Analysis Date:	11/12/2015	Prep Batch #:	55061	Matrix:	GROUND WATER
CTLab #:	657384	Analysis Time:	10:23	Prep Date/Time:	11/12/2015 07:25	Method:	RSK175
Parent Sample #:	657383	Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.76	ug/L	BDL		3.07	90	70 --- 130	2	20
Ethane	6.48	ug/L	BDL		4.78	136	70 --- 130	31	20
Ethene	9.19	ug/L	BDL		6.79	135	41 --- 138	29	43
Methane	2.92	ug/L	BDL		2.29	128	70 --- 130	22	20

TETRA TECH

SDG #: 0

Folder #: 115269

Project Name: OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	120878	Analysis Date:	11/12/2015	Prep Batch #:	55061	Matrix:	GROUND WATER
CTLab #:	657383	Analysis Time:	10:13	Prep Date/Time:	11/12/2015 07:25	Method:	RSK175
Parent Sample #:	655235	Analyst:	BMS	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.82	ug/L	BDL		3.07	92	70 --- 130		
Ethane	4.72	ug/L	BDL		4.78	99	70 --- 130		
Ethene	6.84	ug/L	BDL		6.79	101	41 --- 138		
Methane	2.34	ug/L	BDL		2.29	102	70 --- 130		

Sample Condition Report

Folder #: 115269	Print Date / Time: 11/09/2015 09:04
Client: TETRA TECH	Received Date / Time / By: 11/07/2015 1030 DJL
Project Name: OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 11/09/2015 0904 JLS
Project Phase:	Project #: 117-7413001.01 PM: PML
Coolers: 5689	Temperature: 3.8 C On Ice: Y
Custody Seals Present : N	COC Present?: Y Complete? Y
Seal Intact? N	Numbers: NONE
Ship Method: FEDEX EXPRESS	Tracking Number: 774925027830
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: SAMPLES RECEIVED IN GOOD CONDITION ON ICE
 NO CUSTODY SEALS PRESENT

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655226 MW-15B	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
655226 MW-15B	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
655226 MW-15B	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
655226 MW-15B	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655227 MW-15B	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655228 MW-15S				

UNPRES PL 1 /
Total # of Containers of Type (UNPRES PL) = 1

ALK,Anions

655228 MW-15S

VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

655228 MW-15S

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

655228 MW-15S

H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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655229 MW-15S

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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655230 MW-15D

UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

655230 MW-15D

VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

655230 MW-15D

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

655230 MW-15D

H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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655231 MW-15D

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655232 PW-11	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	Total # of Containers of Type (VOA HCL) = 3			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655233 MW-102D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			

655233 MW-102D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 6			

655233 MW-102D	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

655233 MW-102D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type (H2SO4 PL) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655234 MW-102D	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
655235 MW-102S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			

655235 MW-102S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 6			

655235 MW-102S

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

655235 MW-102S

H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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655236 MW-102S

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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655237 FILTER BLANK

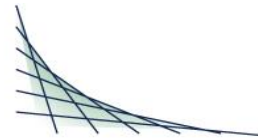
VOA HCL 1 / VOC
VOA HCL 1 / VOC
VOA HCL 1 / VOC
Total # of Containers of Type (VOA HCL) = 3

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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655238 TB-4

Trip Blank 1 / VOC
Trip Blank 1 / VOC
Total # of Containers of Type (Trip Blank) = 2

Condition Code	Condition Description
1	Sample Received OK



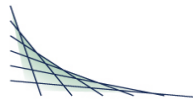
ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.





**REVISED
ANALYTICAL REPORT**

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: WDNR OCONOMOWOC ELECTROPLATING
Project Phase:
Contract #: 2747
Project #: 117-7413001.01
Folder #: 118915
Purchase Order #:

Page 1 of 29
Arrival Temperature: 2.4
Report Date: 05/27/2016
Date Received: 05/11/2016
Reprint Date: 06/17/2016
Revision Date 06/17/2016

CT LAB Sample#: 721951	Sample Description: MW-101S	License/Well #: 4189/035	Sampled: 05/10/2016 1230
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	2.62	mg/L	N/A	N/A	1		05/10/2016 00:00	00:00	SUB	
OX/REDOX (Field)	336	MV	N/A	N/A	1		05/10/2016 00:00	00:00	SUB	
Color (Field)	clear		N/A	N/A	1		05/10/2016 00:00	00:00	SUB	FIELD
Conductivity (Field)	3180	umhos/cm	N/A	N/A	1		05/10/2016 00:00	00:00	SUB	FIELD
pH (Field)	6.82	S.U.	N/A	N/A	1		05/10/2016 00:00	00:00	SUB	FIELD
Temperature (Field)	9.98	Deg. C	N/A	N/A	1		05/10/2016 00:00	00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1		05/10/2016 00:00	00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	330	mg/L	5.0	18	1		05/12/2016 16:30	16:30	MER	EPA 310.2
Total Chloride	830	mg/L	35	120	50		05/18/2016 18:52	18:52	JJF	EPA 9056A
Total Sulfate	26	mg/L	0.50	1.8	1		05/18/2016 10:26	10:26	JJF	EPA 9056A
Total Organic Carbon	6.5	mg/L	0.50	1.7	1	Y	05/23/2016 13:27	13:27	JJF	EPA 9060A
Metals Results										
Total Iron	0.0458	mg/L	0.020 *	0.065	1		05/16/2016 10:00	05/16/2016 15:54	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721951 Sample Description: MW-101S

License/Well #: 4189/035 Sampled: 05/10/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Manganese	68.6	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 15:54	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 11:52	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 11:52	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 11:52	AMA	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 11:52	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1	Y		05/19/2016 18:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 18:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 18:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1	Y		05/19/2016 18:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1	Y		05/19/2016 18:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	Y		05/19/2016 18:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 18:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1	Y		05/19/2016 18:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1	Y		05/19/2016 18:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721951 Sample Description: MW-101S

License/Well #: 4189/035 Sampled: 05/10/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 18:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 18:46	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 18:46	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 18:46	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:46	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1	Y		05/19/2016 18:46	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1	Y		05/19/2016 18:46	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 18:46	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 18:46	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:46	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 18:46	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 18:46	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 18:46	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 18:46	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 18:46	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:46	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:46	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:46	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:46	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 18:46	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 18:46	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721951 Sample Description: MW-101S

License/Well #: 4189/035 Sampled: 05/10/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/19/2016	18:46	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016	18:46	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016	18:46	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1	Y	05/19/2016	18:46	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	18:46	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016	18:46	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016	18:46	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016	18:46	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	18:46	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016	18:46	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1	Y	05/19/2016	18:46	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016	18:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	18:46	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016	18:46	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016	18:46	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016	18:46	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	18:46	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/19/2016	18:46	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	18:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	18:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016	18:46	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/19/2016	18:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016	18:46	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016	18:46	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016	18:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721961 Sample Description: MW-101S License/Well #: 4189/035 Sampled: 05/10/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0296	mg/L	0.010 *	0.032	1		05/12/2016 10:23	05/12/2016 10:23	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1		05/12/2016 10:23	05/12/2016 10:23	NAH	EPA 6010C

CT LAB Sample#: 721962 Sample Description: MW-101B License/Well #: 4189/036 Sampled: 05/10/2016 1310

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.22	mg/L	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	
OX/REDOX (Field)	253	MV	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Conductivity (Field)	1180	umhos/cm	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
pH (Field)	7.24	S.U.	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Temperature (Field)	10.52	Deg. C	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	360	mg/L	5.0	18	1		05/12/2016 16:31	05/12/2016 16:31	MER	EPA 310.2
Total Chloride	180	mg/L	3.5	12	5		05/18/2016 10:45	05/18/2016 10:45	JJF	EPA 9056A
Total Sulfate	40	mg/L	2.5	9.0	5		05/18/2016 10:45	05/18/2016 10:45	JJF	EPA 9056A
Total Organic Carbon	2.0	mg/L	0.50	1.7	1		05/23/2016 14:19	05/23/2016 14:19	JJF	EPA 9060A
Metals Results										
Total Iron	<0.020	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 16:01	NAH	EPA 6010C
Total Manganese	51.8	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 16:01	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721962 Sample Description: MW-101B

License/Well #: 4189/036 Sampled: 05/10/2016 1310

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 12:26	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 12:26	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 12:26	AMA	Mod RSK 175
Methane	75	ug/L	2.0	6.0	5		05/19/2016 08:30	05/19/2016 12:35	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 19:14	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 19:14	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 19:14	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 19:14	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:14	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 19:14	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:14	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 19:14	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 19:14	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 19:14	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 19:14	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 19:14	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 19:14	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:14	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 19:14	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 19:14	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 19:14	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 19:14	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 19:14	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 19:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721962 Sample Description: MW-101B

License/Well #: 4189/036 Sampled: 05/10/2016 1310

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.32	ug/L	0.060	0.21	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 19:14	19:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721962 Sample Description: MW-101B

License/Well #: 4189/036 Sampled: 05/10/2016 1310

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Methyl tert-butyl ether	0.24	ug/L	0.040	0.15	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Trichloroethene	0.045	ug/L	0.030 *	0.10	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016 19:14	19:14	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016 19:14	19:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721963 Sample Description: MW-101B License/Well #: 4189/036 Sampled: 05/10/2016 1310

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/12/2016 10:30	NAH	EPA 6010C
Dissolved Manganese	57.4	ug/L	1.6	5.3	1			05/12/2016 10:30	NAH	EPA 6010C

CT LAB Sample#: 721964 Sample Description: MW-14DR License/Well #: 4189/050 Sampled: 05/10/2016 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	5.74	mg/L	N/A	N/A	1			05/10/2016 00:00	SUB	
OX/REDOX (Field)	213	MV	N/A	N/A	1			05/10/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Conductivity (Field)	841	umhos/cm	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
pH (Field)	6.65	S.U.	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Temperature (Field)	10.40	Deg. C	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/10/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	350	mg/L	5.0	18	1			05/12/2016 16:36	MER	EPA 310.2
Total Chloride	190	mg/L	3.5	12	5			05/18/2016 11:04	JJF	EPA 9056A
Total Sulfate	38	mg/L	2.5	9.0	5			05/18/2016 11:04	JJF	EPA 9056A
Total Organic Carbon	3.3	mg/L	0.50	1.7	1			05/23/2016 14:31	JJF	EPA 9060A

Metals Results										
Total Iron	<0.020	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 16:44	NAH	EPA 6010C
Total Manganese	182	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 16:44	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721964 Sample Description: MW-14DR

License/Well #: 4189/050 Sampled: 05/10/2016 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 12:44	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 12:44	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 12:44	AMA	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 12:44	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 19:43	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 19:43	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 19:43	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 19:43	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:43	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 19:43	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:43	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 19:43	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 19:43	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 19:43	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 19:43	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 19:43	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 19:43	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:43	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 19:43	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 19:43	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 19:43	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 19:43	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 19:43	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 19:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721964 Sample Description: MW-14DR

License/Well #: 4189/050 Sampled: 05/10/2016 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 19:43	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 19:43	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:43	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 19:43	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 19:43	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 19:43	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 19:43	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 19:43	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 19:43	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 19:43	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 19:43	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 19:43	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 19:43	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 19:43	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 19:43	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 19:43	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 19:43	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 19:43	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 19:43	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 19:43	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 19:43	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 19:43	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:43	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 19:43	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/19/2016 19:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721964 Sample Description: MW-14DR

License/Well #: 4189/050 Sampled: 05/10/2016 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016	19:43	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016	19:43	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	19:43	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016	19:43	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016	19:43	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016	19:43	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	19:43	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016	19:43	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016	19:43	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016	19:43	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	19:43	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016	19:43	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016	19:43	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016	19:43	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	19:43	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/19/2016	19:43	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	19:43	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	19:43	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016	19:43	RLD	EPA 8260C
Trichloroethene	0.16	ug/L	0.030	0.10	1		05/19/2016	19:43	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016	19:43	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016	19:43	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016	19:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721965 Sample Description: MW-14DR License/Well #: 4189/050 Sampled: 05/10/2016 1420

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/12/2016 10:36	NAH	EPA 6010C
Dissolved Manganese	92.8	ug/L	1.6	5.3	1			05/12/2016 10:36	NAH	EPA 6010C

CT LAB Sample#: 721967 Sample Description: MW-1D License/Well #: 4189/002 Sampled: 05/10/2016 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.27	mg/L	N/A	N/A	1			05/10/2016 00:00	SUB	
OX/REDOX (Field)	-74	MV	N/A	N/A	1			05/10/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Conductivity (Field)	613	umhos/cm	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
pH (Field)	7.42	S.U.	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Temperature (Field)	11.39	Deg. C	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/10/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	370	mg/L	5.0	18	1			05/12/2016 16:38	MER	EPA 310.2
Total Chloride	5.6	mg/L	0.70	2.4	1			05/18/2016 11:22	JJF	EPA 9056A
Total Sulfate	0.55	mg/L	0.50 *	1.8	1			05/18/2016 11:22	JJF	EPA 9056A
Total Organic Carbon	1.2	mg/L	0.50 *	1.7	1			05/23/2016 14:43	JJF	EPA 9060A

Metals Results										
Total Iron	1.67	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 16:51	NAH	EPA 6010C
Total Manganese	13.8	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 16:51	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721967 Sample Description: MW-1D

License/Well #: 4189/002 Sampled: 05/10/2016 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 12:54	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 12:54	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 12:54	AMA	Mod RSK 175
Methane	770	ug/L	40	120	100		05/19/2016 08:30	05/19/2016 13:04	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 20:11	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 20:11	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 20:11	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 20:11	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:11	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 20:11	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:11	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 20:11	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 20:11	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 20:11	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 20:11	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 20:11	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 20:11	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:11	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 20:11	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 20:11	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 20:11	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 20:11	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 20:11	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 20:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721967 Sample Description: MW-1D

License/Well #: 4189/002 Sampled: 05/10/2016 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 20:11	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 20:11	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:11	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 20:11	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 20:11	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 20:11	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 20:11	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 20:11	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 20:11	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 20:11	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 20:11	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 20:11	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 20:11	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 20:11	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 20:11	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 20:11	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 20:11	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 20:11	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 20:11	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 20:11	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 20:11	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 20:11	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:11	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:11	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/19/2016 20:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721967 Sample Description: MW-1D

License/Well #: 4189/002 Sampled: 05/10/2016 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Isopropylbenzene	0.050	ug/L	0.050 *	0.17	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Styrene	0.089	ug/L	0.050 *	0.15	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016 20:11	20:11	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016 20:11	20:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721981 Sample Description: MW-1D License/Well #: 4189/002 Sampled: 05/10/2016 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.47	mg/L	0.010	0.032	1			05/12/2016 10:43	NAH	EPA 6010C
Dissolved Manganese	14.9	ug/L	1.6	5.3	1			05/12/2016 10:43	NAH	EPA 6010C

CT LAB Sample#: 721982 Sample Description: MW-1S License/Well #: 4189/001 Sampled: 05/10/2016 1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/10/2016 00:00	SUB	
OX/REDOX (Field)	38	MV	N/A	N/A	1			05/10/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Conductivity (Field)	1110	umhos/cm	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
pH (Field)	6.95	S.U.	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Temperature (Field)	9.95	Deg. C	N/A	N/A	1			05/10/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/10/2016 00:00	SUB	FIELD

Inorganic Results

Alkalinity Total	350	mg/L	5.0	18	1			05/12/2016 16:40	MER	EPA 310.2
Total Chloride	160	mg/L	7.0	24	10			05/18/2016 11:41	JJF	EPA 9056A
Total Sulfate	53	mg/L	5.0	18	10			05/18/2016 11:41	JJF	EPA 9056A
Total Organic Carbon	1.8	mg/L	0.50	1.7	1			05/23/2016 14:56	JJF	EPA 9060A

Metals Results

Total Iron	2.32	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 16:58	NAH	EPA 6010C
Total Manganese	206	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 16:58	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721982 Sample Description: MW-1S

License/Well #: 4189/001 Sampled: 05/10/2016 1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 13:15	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 13:15	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 13:15	AMA	Mod RSK 175
Methane	18	ug/L	0.80	2.4	2		05/19/2016 08:30	05/19/2016 13:24	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 20:40	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 20:40	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 20:40	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 20:40	RLD	EPA 8260C
1,1-Dichloroethane	0.24	ug/L	0.060	0.19	1			05/19/2016 20:40	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 20:40	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:40	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 20:40	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 20:40	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 20:40	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 20:40	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 20:40	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 20:40	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 20:40	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 20:40	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 20:40	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 20:40	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 20:40	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 20:40	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 20:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721982 Sample Description: MW-1S

License/Well #: 4189/001 Sampled: 05/10/2016 1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.11	ug/L	0.060 *	0.21	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 20:40	05/19/2016 20:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721982 Sample Description: MW-1S

License/Well #: 4189/001 Sampled: 05/10/2016 1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016	20:40	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016	20:40	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	20:40	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016	20:40	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016	20:40	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016	20:40	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	20:40	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016	20:40	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016	20:40	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016	20:40	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	20:40	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016	20:40	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016	20:40	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016	20:40	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	20:40	RLD	EPA 8260C
Tetrahydrofuran	0.74	ug/L	0.60 *	2.1	1	B,Z	05/19/2016	20:40	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	20:40	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	20:40	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016	20:40	RLD	EPA 8260C
Trichloroethene	0.061	ug/L	0.030 *	0.10	1		05/19/2016	20:40	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016	20:40	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016	20:40	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016	20:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 721994 Sample Description: MW-1S	License/Well #: 4189/001	Sampled: 05/10/2016 1555
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.406	mg/L	0.010	0.032	1		05/12/2016 10:51	05/12/2016 10:51	NAH	EPA 6010C
Dissolved Manganese	196	ug/L	1.6	5.3	1		05/12/2016 10:51	05/12/2016 10:51	NAH	EPA 6010C

CT LAB Sample#: 722017 Sample Description: MW-4S	License/Well #: 4189/007	Sampled: 05/10/2016 1520
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	
OX/REDOX (Field)	97	MV	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Conductivity (Field)	1580	umhos/cm	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
pH (Field)	6.90	S.U.	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Temperature (Field)	9.41	Deg. C	N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1		05/10/2016 00:00	05/10/2016 00:00	SUB	FIELD

Inorganic Results										
Total Chloride	42	mg/L	7.0	24	10		05/18/2016 12:00	05/18/2016 12:00	JJF	EPA 9056A
Total Sulfate	100	mg/L	5.0	18	10		05/18/2016 12:00	05/18/2016 12:00	JJF	EPA 9056A
Total Organic Carbon	10	mg/L	0.50	1.7	1		05/23/2016 15:10	05/23/2016 15:10	JJF	EPA 9060A
Alkalinity	740	mg/L	4.0	4.0	1		05/13/2016 15:00	05/13/2016 15:00	MER	SM 2320B

Metals Results										
Total Iron	0.556	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 17:05	NAH	EPA 6010C
Total Manganese	97.2	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 17:05	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722017 Sample Description: MW-4S

License/Well #: 4189/007 Sampled: 05/10/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 13:34	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 13:34	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 13:34	AMA	Mod RSK 175
Methane	20	ug/L	0.80	2.4	2		05/19/2016 08:30	05/19/2016 13:44	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:09	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:09	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 21:09	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 21:09	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:09	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 21:09	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:09	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 21:09	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 21:09	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 21:09	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 21:09	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 21:09	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 21:09	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:09	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 21:09	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:09	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:09	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:09	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 21:09	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 21:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722017 Sample Description: MW-4S

License/Well #: 4189/007 Sampled: 05/10/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 21:09	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 21:09	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:09	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 21:09	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:09	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 21:09	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 21:09	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 21:09	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 21:09	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 21:09	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 21:09	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 21:09	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 21:09	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 21:09	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:09	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 21:09	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:09	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:09	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:09	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:09	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 21:09	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 21:09	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:09	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:09	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/19/2016 21:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722017 Sample Description: MW-4S

License/Well #: 4189/007 Sampled: 05/10/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Tetrahydrofuran	0.66	ug/L	0.60 *	2.1	1	B,Z	05/19/2016 21:09	21:09	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016 21:09	21:09	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016 21:09	21:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722023 Sample Description: MW-4S License/Well #: 4189/007 Sampled: 05/10/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.501	mg/L	0.010	0.032	1			05/12/2016 10:58	NAH	EPA 6010C
Dissolved Manganese	111	ug/L	1.6	5.3	1			05/12/2016 10:58	NAH	EPA 6010C

CT LAB Sample#: 722024 Sample Description: TB-1 License/Well #: 4189/999 Sampled: 05/10/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 17:48	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 17:48	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 17:48	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 17:48	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 17:48	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 17:48	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 17:48	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 17:48	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 17:48	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 17:48	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 17:48	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 17:48	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 17:48	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 17:48	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 17:48	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 17:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722024 Sample Description: TB-1

License/Well #: 4189/999 Sampled: 05/10/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 17:48	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 17:48	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 17:48	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 17:48	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 17:48	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 17:48	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 17:48	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 17:48	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 17:48	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 17:48	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 17:48	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 17:48	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 17:48	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 17:48	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 17:48	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 17:48	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 17:48	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 17:48	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 17:48	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 17:48	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 17:48	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 17:48	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 17:48	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 17:48	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 17:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722024 Sample Description: TB-1

License/Well #: 4189/999 Sampled: 05/10/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/19/2016	17:48	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/19/2016	17:48	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/19/2016	17:48	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016	17:48	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016	17:48	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016	17:48	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	17:48	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016	17:48	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016	17:48	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016	17:48	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016	17:48	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016	17:48	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016	17:48	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016	17:48	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	17:48	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016	17:48	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016	17:48	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016	17:48	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	17:48	RLD	EPA 8260C
Tetrahydrofuran	1.1	ug/L	0.60 *	2.1	1	B,Z	05/19/2016	17:48	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016	17:48	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016	17:48	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016	17:48	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/19/2016	17:48	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016	17:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722024 Sample Description: TB-1 License/Well #: 4189/999 Sampled: 05/10/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/19/2016 17:48	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/19/2016 17:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Reason for Revision Incorrect field data were provided for MW-101S.

Submitted by: Brett M. Szymanski
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 118915

**Project Name: WDNR OCONOMOWOC
 ELECTROPLATING**

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	125979	Analysis Date:	05/12/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	722426	Analysis Time:	16:03	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	366.0	mg/L			375.0	98	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	125979	Analysis Date:	05/12/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	722427	Analysis Time:	16:04	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	5	mg/L		U	0			5	

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	125980	Analysis Date:	05/12/2016	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	723024	Analysis Time:	16:37	Prep Date/Time:		Method:	E310.2
Parent Sample #:	721964	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity Dissolved	350	mg/L	350					0	10
Alkalinity Total	350	mg/L	350					0	7

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	125980	Analysis Date:	05/12/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	722428	Analysis Time:	16:32	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	363.0	mg/L			375.0	97	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	125980	Analysis Date:	05/12/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	722429	Analysis Time:	16:33	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	5	mg/L		U	0			5	

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126030	Analysis Date:	05/13/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	723299	Analysis Time:	15:00	Prep Date/Time:		Method:	E310.1
Parent Sample #:		Analyst:	MER	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	340	mg/L			375	91	--- 110		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126030	Analysis Date:	05/13/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	723300	Analysis Time:	15:00	Prep Date/Time:		Method:	E310.1
Parent Sample #:		Analyst:	MER	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	4	mg/L		U	0			4	

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	725466	Analysis Time:	18:14	Prep Date/Time:	Method:	SW9056A
Parent Sample #:	721967	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	5.62	mg/L	5.6					0	20
Total Sulfate	0.532	mg/L	0.55					3	20

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725459	Analysis Time:	09:33	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	14.81	mg/L			15.00	99	80 --- 120		
Sulfate	25.94	mg/L			25.00	104	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725460	Analysis Time:	10:07	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	0.7	mg/L		U	0		0.7		
Sulfate	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	725467	Analysis Time:	18:33	Prep Date/Time:		Method:	SW9056A
Parent Sample #:	721967	Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	14.2	mg/L	5.6		8.00	108	80 --- 120		20
Total Sulfate	8.96	mg/L	0.55		8.00	105	80 --- 120		20

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727252	Analysis Time:	13:40	Prep Date/Time:	Method:	SW9060
Parent Sample #:	721951	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	6.56	mg/L	6.5					1	20

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	727250	Analysis Time:	12:52	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.27	mg/L			50.00	107	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727251	Analysis Time:	13:07	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727254	Analysis Time:	14:06	Prep Date/Time:	Method:	SW9060
Parent Sample #:	727253	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	50.9	mg/L	6.5		50.0	89	82 --- 119	9	6

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727253	Analysis Time:	13:52	Prep Date/Time:	Method:	SW9060
Parent Sample #:	721951	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	55.4	mg/L	6.5		50.0	98	82 --- 119		6

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	125965	Analysis Date:	05/12/2016	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	723687	Analysis Time:	11:11	Prep Date/Time:		Method:	SW6010
Parent Sample #:	723686	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	2.46	mg/L	0.501		2.00	98	72 --- 113	3	18
Manganese	1050	ug/L	111		1000	94	67 --- 121	1	13

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	125965	Analysis Date:	05/12/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	723686	Analysis Time:	11:05	Prep Date/Time:	Method:	SW6010
Parent Sample #:	722023	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	2.39	mg/L	0.501		2.00	94	72 --- 113		18
Manganese	1060	ug/L	111		1000	95	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126037	Analysis Date:	05/16/2016	Prep Batch #:	57245	Matrix:	LIQUID
CTLab #:	722769	Analysis Time:	15:41	Prep Date/Time:	05/13/2016 10:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.4640	mg/L			0.4000	116	80 --- 120		
Manganese	189.0	ug/L			200.0	94	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126037	Analysis Date:	05/16/2016	Prep Batch #:	57245	Matrix:	LIQUID
CTLab #:	722768	Analysis Time:	15:47	Prep Date/Time:	05/13/2016 10:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNr OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	126037	Analysis Date:	05/16/2016	Prep Batch #:	57245	Matrix:	GROUND WATER
CTLab #:	724083	Analysis Time:	16:32	Prep Date/Time:	05/16/2016 10:00	Method:	SW6010
Parent Sample #:	724082	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.367	mg/L	BDL		0.400	92	72 --- 118	1	11
Manganese	235	ug/L	51.8		200	92	84 --- 111	2	7

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126037	Analysis Date:	05/16/2016	Prep Batch #:	57245	Matrix:	GROUND WATER
CTLab #:	724082	Analysis Time:	16:07	Prep Date/Time:	05/16/2016 10:00	Method:	SW6010
Parent Sample #:	721962	Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.363	mg/L	BDL		0.400	91	72 --- 118		
Manganese	231	ug/L	51.8		200	90	84 --- 111		

Lab Control Spike Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725958	Analysis Time:	16:22	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.61	ug/L			4.00	90	74 --- 127		
1,1,1-Trichloroethane	3.85	ug/L			4.00	96	73 --- 132		
1,1,2,2-Tetrachloroethane	4.44	ug/L			4.00	111	67 --- 129		
1,1,2-Trichloroethane	4.15	ug/L			4.00	104	73 --- 129		
1,1-Dichloroethane	3.92	ug/L			4.00	98	73 --- 129		
1,1-Dichloroethene	4.09	ug/L			4.00	102	73 --- 132		
1,1-Dichloropropene	4.06	ug/L			4.00	102	75 --- 125		
1,2 Dichloroethane-d4	92.0	% Recovery			100	92.0	68 --- 120		
1,2,3-Trichlorobenzene	3.72	ug/L			4.00	93	72 --- 125		
1,2,3-Trichloropropane	4.26	ug/L			4.00	106	68 --- 136		
1,2,4-Trichlorobenzene	3.83	ug/L			4.00	96	67 --- 124		
1,2,4-Trimethylbenzene	3.89	ug/L			4.00	97	77 --- 123		
1,2-Dibromo-3-chloropropane	4.27	ug/L			4.00	107	56 --- 138		
1,2-Dibromoethane	4.21	ug/L			4.00	105	76 --- 127		
1,2-Dichlorobenzene	3.81	ug/L			4.00	95	82 --- 120		
1,2-Dichloroethane	4.10	ug/L			4.00	102	72 --- 134		
1,2-Dichloropropane	3.93	ug/L			4.00	98	76 --- 124		
1,3,5-Trimethylbenzene	3.92	ug/L			4.00	98	77 --- 124		
1,3-Dichlorobenzene	3.74	ug/L			4.00	94	81 --- 120		
1,3-Dichloropropane	4.17	ug/L			4.00	104	76 --- 125		
1,4-Dichlorobenzene	3.74	ug/L			4.00	94	80 --- 120		
2,2-Dichloropropane	3.78	ug/L			4.00	94	54 --- 144		
2-Butanone	47.6	ug/L			40.0	119	57 --- 144		
2-Chlorotoluene	3.98	ug/L			4.00	100	77 --- 123		
2-Hexanone	44.7	ug/L			40.0	112	61 --- 132		
4-Chlorotoluene	3.86	ug/L			4.00	96	76 --- 124		
4-Methyl-2-pentanone	47.6	ug/L			40.0	119	64 --- 135		
Acetone	47.9	ug/L			40.0	120	51 --- 152		
Benzene	3.90	ug/L			4.00	98	80 --- 122		
Bromobenzene	3.85	ug/L			4.00	96	81 --- 120		
Bromochloromethane	3.88	ug/L			4.00	97	78 --- 126		
Bromodichloromethane	3.80	ug/L			4.00	95	67 --- 132		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	3.88	ug/L			4.00	97	55 --- 132		
Bromomethane	4.31	ug/L			4.00	108	65 --- 141		
Carbon disulfide	8.37	ug/L			8.00	105	61 --- 140		
Carbon tetrachloride	3.89	ug/L			4.00	97	72 --- 133		
Chlorobenzene	3.81	ug/L			4.00	95	80 --- 122		
Chloroethane	4.10	ug/L			4.00	102	71 --- 134		
Chloroform	3.82	ug/L			4.00	96	73 --- 127		
Chloromethane	4.24	ug/L			4.00	106	72 --- 128		
cis-1,2-Dichloroethene	3.89	ug/L			4.00	97	76 --- 127		

Lab Control Spike Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725958	Analysis Time:	16:22	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.87	ug/L			4.00	97	72 --- 125		
d8-Toluene	99.0	% Recovery			100	99.0	71 --- 117		
Dibromochloromethane	3.83	ug/L			4.00	96	60 --- 131		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 121		
Dibromomethane	4.22	ug/L			4.00	106	76 --- 129		
Dichlorodifluoromethane	4.11	ug/L			4.00	103	64 --- 149		
Diisopropyl ether	4.00	ug/L			4.00	100	62 --- 137		
Ethylbenzene	3.88	ug/L			4.00	97	80 --- 121		
Hexachlorobutadiene	3.76	ug/L			4.00	94	71 --- 131		
Isopropylbenzene	3.82	ug/L			4.00	96	75 --- 122		
m & p-Xylene	7.71	ug/L			8.00	96	80 --- 121		
Methyl tert-butyl ether	4.15	ug/L			4.00	104	63 --- 135		
Methylene chloride	4.43	ug/L			4.00	111	38 --- 174		
n-Butylbenzene	4.12	ug/L			4.00	103	71 --- 125		
n-Propylbenzene	4.08	ug/L			4.00	102	76 --- 122		
Naphthalene	4.00	ug/L			4.00	100	64 --- 126		
o-Xylene	4.02	ug/L			4.00	100	77 --- 120		
p-Isopropyltoluene	4.09	ug/L			4.00	102	76 --- 122		
sec-Butylbenzene	4.12	ug/L			4.00	103	75 --- 122		
Styrene	3.88	ug/L			4.00	97	76 --- 121		
tert-Butylbenzene	3.99	ug/L			4.00	100	77 --- 120		
Tetrachloroethene	3.88	ug/L			4.00	97	75 --- 127		
Tetrahydrofuran	48.4	ug/L			40.0	121	60 --- 131		
Toluene	3.76	ug/L			4.00	94	80 --- 122		
trans-1,2-Dichloroethene	4.09	ug/L			4.00	102	68 --- 136		
trans-1,3-Dichloropropene	4.01	ug/L			4.00	100	65 --- 126		
Trichloroethene	3.83	ug/L			4.00	96	78 --- 126		
Trichlorofluoromethane	4.31	ug/L			4.00	108	70 --- 145		
Vinyl acetate	42.2	ug/L			40.0	106	38 --- 152		
Vinyl chloride	4.15	ug/L			4.00	104	71 --- 135		

Method Blank Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725994	Analysis Time:	17:20	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	100	% Recovery			100	100	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	17.8	ug/L			0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.05	ug/L		U	0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725994	Analysis Time:	17:20	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	100	% Recovery			100	100	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.06	ug/L		U	0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.6	ug/L		U	0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

Matrix Spike Duplicate Water

Analytical Run #:	125991	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	725996	Analysis Time:	02:24	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	725995	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.29	ug/L	BDL		4.00	107	71 --- 136	5	21
1,1,1-Trichloroethane	4.22	ug/L	BDL		4.00	106	77 --- 150	1	20
1,1,2,2-Tetrachloroethane	6.11	ug/L	BDL		4.00	153	68 --- 139	23	22
1,1,2-Trichloroethane	4.36	ug/L	BDL		4.00	109	70 --- 139	2	25
1,1-Dichloroethane	4.59	ug/L	BDL		4.00	115	65 --- 149	3	25
1,1-Dichloroethene	4.30	ug/L	BDL		4.00	108	56 --- 164	15	24
1,1-Dichloropropene	4.30	ug/L	BDL		4.00	108	65 --- 146	6	21
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	65 --- 128		7
1,2,3-Trichlorobenzene	4.52	ug/L	BDL		4.00	113	62 --- 135	44	31
1,2,3-Trichloropropane	6.42	ug/L	BDL		4.00	160	66 --- 145	35	26
1,2,4-Trichlorobenzene	4.37	ug/L	BDL		4.00	109	61 --- 132	40	29
1,2,4-Trimethylbenzene	4.68	ug/L	BDL		4.00	117	1 --- 154	7	36
1,2-Dibromo-3-chloropropane	4.80	ug/L	BDL		4.00	120	49 --- 144	56	34
1,2-Dibromoethane	4.26	ug/L	BDL		4.00	106	76 --- 132	3	22
1,2-Dichlorobenzene	4.60	ug/L	BDL		4.00	115	78 --- 128	10	23
1,2-Dichloroethane	4.75	ug/L	BDL		4.00	119	70 --- 147	9	21
1,2-Dichloropropane	4.69	ug/L	BDL		4.00	117	72 --- 138	20	19
1,3,5-Trimethylbenzene	4.69	ug/L	BDL		4.00	117	1 --- 151	8	34
1,3-Dichlorobenzene	4.50	ug/L	BDL		4.00	112	78 --- 127	6	22
1,3-Dichloropropane	4.46	ug/L	BDL		4.00	112	73 --- 136	6	23
1,4-Dichlorobenzene	4.63	ug/L	BDL		4.00	116	78 --- 127	11	22
2,2-Dichloropropane	4.14	ug/L	BDL		4.00	104	50 --- 165	2	21
2-Butanone	48.9	ug/L	BDL		40.0	122	45 --- 160	9	29
2-Chlorotoluene	4.83	ug/L	BDL		4.00	121	74 --- 130	9	20
2-Hexanone	64.8	ug/L	BDL		40.0	162	55 --- 143	36	28
4-Chlorotoluene	4.91	ug/L	BDL		4.00	123	57 --- 131	10	22
4-Methyl-2-pentanone	67.1	ug/L	BDL		40.0	168	58 --- 146	33	29
Acetone	59.6	ug/L	BDL		40.0	149	27 --- 172	34	39
Benzene	4.37	ug/L	BDL		4.00	109	81 --- 134	3	17
Bromobenzene	4.18	ug/L	BDL		4.00	104	80 --- 127	2	20
Bromochloromethane	3.74	ug/L	BDL		4.00	94	73 --- 143	5	22
Bromodichloromethane	4.32	ug/L	BDL		4.00	108	64 --- 139	5	20
Bromofluorobenzene	107	% Recovery			100	107	67 --- 120		7
Bromoform	4.18	ug/L	BDL		4.00	104	49 --- 125	5	28
Bromomethane	5.22	ug/L	BDL		4.00	130	59 --- 167	20	34
Carbon disulfide	9.16	ug/L	BDL		8.00	114	12 --- 140	2	31
Carbon tetrachloride	4.23	ug/L	BDL		4.00	106	74 --- 153	5	20
Chlorobenzene	4.33	ug/L	BDL		4.00	108	82 --- 130	3	21
Chloroethane	6.15	ug/L	BDL		4.00	154	64 --- 165	24	26
Chloroform	4.37	ug/L	BDL		4.00	109	73 --- 138	2	18
Chloromethane	5.43	ug/L	BDL		4.00	136	62 --- 157	13	21
cis-1,2-Dichloroethene	4.07	ug/L	BDL		4.00	102	75 --- 152	5	21

Matrix Spike Duplicate Water

Analytical Run #:	125991	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	725996	Analysis Time:	02:24	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	725995	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	4.20	ug/L	BDL		4.00	105	61 --- 129	5	21
d8-Toluene	98.0	% Recovery			100	98.0	60 --- 119		7
Dibromochloromethane	4.13	ug/L	BDL		4.00	103	56 --- 130	4	23
Dibromofluoromethane	93.0	% Recovery			100	93.0	65 --- 128		7
Dibromomethane	4.35	ug/L	BDL		4.00	109	71 --- 142	17	21
Dichlorodifluoromethane	4.47	ug/L	BDL		4.00	112	62 --- 196	6	22
Diisopropyl ether	5.03	ug/L	BDL		4.00	126	46 --- 161	13	27
Ethylbenzene	4.66	ug/L	BDL		4.00	116	52 --- 139	5	24
Hexachlorobutadiene	4.08	ug/L	BDL		4.00	102	66 --- 147	33	30
Isopropylbenzene	4.31	ug/L	BDL		4.00	108	50 --- 135	2	24
m & p-Xylene	8.72	ug/L	BDL		8.00	109	1 --- 156	12	28
Methyl tert-butyl ether	4.46	ug/L	BDL		4.00	112	46 --- 161	23	33
Methylene chloride	4.16	ug/L	BDL		4.00	104	10 --- 181	3	36
n-Butylbenzene	5.27	ug/L	BDL		4.00	132	46 --- 144	15	24
n-Propylbenzene	5.02	ug/L	BDL		4.00	126	51 --- 139	9	23
Naphthalene	4.81	ug/L	BDL		4.00	120	45 --- 135	45	31
o-Xylene	4.47	ug/L	BDL		4.00	112	11 --- 148	4	26
p-Isopropyltoluene	4.91	ug/L	BDL		4.00	123	18 --- 148	9	27
sec-Butylbenzene	4.92	ug/L	BDL		4.00	123	57 --- 138	5	23
Styrene	4.46	ug/L	BDL		4.00	112	1 --- 159	6	40
tert-Butylbenzene	4.71	ug/L	BDL		4.00	118	74 --- 132	6	22
Tetrachloroethene	3.67	ug/L	BDL		4.00	92	79 --- 144	15	21
Tetrahydrofuran	57.0	ug/L	BDL		40.0	142	51 --- 139	24	28
Toluene	4.28	ug/L	BDL		4.00	107	56 --- 141	4	19
trans-1,2-Dichloroethene	4.32	ug/L	BDL		4.00	108	53 --- 161	18	28
trans-1,3-Dichloropropene	4.20	ug/L	BDL		4.00	105	57 --- 124	4	21
Trichloroethene	3.91	ug/L	BDL		4.00	98	74 --- 138	11	19
Trichlorofluoromethane	4.63	ug/L	BDL		4.00	116	83 --- 174	19	23
Vinyl acetate	47.7	ug/L	BDL		40.0	119	0 --- 198	14	25
Vinyl chloride	5.79	ug/L	BDL		4.00	145	65 --- 168	18	21

Matrix Spike Water

Analytical Run #:	125991	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	725995	Analysis Time:	01:55	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	721951	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.08	ug/L	BDL		4.00	102	71 --- 136		21
1,1,1-Trichloroethane	4.25	ug/L	BDL		4.00	106	77 --- 150		20
1,1,2,2-Tetrachloroethane	4.86	ug/L	BDL		4.00	122	68 --- 139		22
1,1,2-Trichloroethane	4.27	ug/L	BDL		4.00	107	70 --- 139		25
1,1-Dichloroethane	4.45	ug/L	BDL		4.00	111	65 --- 149		25
1,1-Dichloroethene	3.69	ug/L	BDL		4.00	92	56 --- 164		24
1,1-Dichloropropene	4.57	ug/L	BDL		4.00	114	65 --- 146		21
1,2 Dichloroethane-d4	90.0	% Recovery			100	90.0	65 --- 128		7
1,2,3-Trichlorobenzene	2.88	ug/L	BDL		4.00	72	62 --- 135		31
1,2,3-Trichloropropane	4.49	ug/L	BDL		4.00	112	66 --- 145		26
1,2,4-Trichlorobenzene	2.90	ug/L	BDL		4.00	72	61 --- 132		29
1,2,4-Trimethylbenzene	4.38	ug/L	BDL		4.00	110	1 --- 154		36
1,2-Dibromo-3-chloropropane	2.69	ug/L	BDL		4.00	67	49 --- 144		34
1,2-Dibromoethane	4.15	ug/L	BDL		4.00	104	76 --- 132		22
1,2-Dichlorobenzene	4.16	ug/L	BDL		4.00	104	78 --- 128		23
1,2-Dichloroethane	4.34	ug/L	BDL		4.00	108	70 --- 147		21
1,2-Dichloropropane	3.84	ug/L	BDL		4.00	96	72 --- 138		19
1,3,5-Trimethylbenzene	4.33	ug/L	BDL		4.00	108	1 --- 151		34
1,3-Dichlorobenzene	4.23	ug/L	BDL		4.00	106	78 --- 127		22
1,3-Dichloropropane	4.22	ug/L	BDL		4.00	106	73 --- 136		23
1,4-Dichlorobenzene	4.16	ug/L	BDL		4.00	104	78 --- 127		22
2,2-Dichloropropane	4.21	ug/L	BDL		4.00	105	50 --- 165		21
2-Butanone	44.9	ug/L	BDL		40.0	112	45 --- 160		29
2-Chlorotoluene	4.42	ug/L	BDL		4.00	110	74 --- 130		20
2-Hexanone	45.0	ug/L	BDL		40.0	112	55 --- 143		28
4-Chlorotoluene	4.42	ug/L	BDL		4.00	110	57 --- 131		22
4-Methyl-2-pentanone	48.2	ug/L	BDL		40.0	120	58 --- 146		29
Acetone	42.3	ug/L	BDL		40.0	106	27 --- 172		39
Benzene	4.50	ug/L	BDL		4.00	112	81 --- 134		17
Bromobenzene	4.26	ug/L	BDL		4.00	106	80 --- 127		20
Bromochloromethane	3.94	ug/L	BDL		4.00	98	73 --- 143		22
Bromodichloromethane	4.10	ug/L	BDL		4.00	102	64 --- 139		20
Bromofluorobenzene	95.0	% Recovery			100	95.0	67 --- 120		7
Bromoform	3.97	ug/L	BDL		4.00	99	49 --- 125		28
Bromomethane	4.26	ug/L	BDL		4.00	106	59 --- 167		34
Carbon disulfide	8.97	ug/L	BDL		8.00	112	12 --- 140		31
Carbon tetrachloride	4.46	ug/L	BDL		4.00	112	74 --- 153		20
Chlorobenzene	4.21	ug/L	BDL		4.00	105	82 --- 130		21
Chloroethane	4.84	ug/L	BDL		4.00	121	64 --- 165		26
Chloroform	4.27	ug/L	BDL		4.00	107	73 --- 138		18
Chloromethane	4.78	ug/L	BDL		4.00	120	62 --- 157		21
cis-1,2-Dichloroethene	4.27	ug/L	BDL		4.00	107	75 --- 152		21

Matrix Spike Water

Analytical Run #:	125991	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	725995	Analysis Time:	01:55	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	721951	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.98	ug/L	BDL		4.00	100	61 --- 129		21
d8-Toluene	99.0	% Recovery			100	99.0	60 --- 119		7
Dibromochloromethane	3.96	ug/L	BDL		4.00	99	56 --- 130		23
Dibromofluoromethane	98.0	% Recovery			100	98.0	65 --- 128		7
Dibromomethane	3.68	ug/L	BDL		4.00	92	71 --- 142		21
Dichlorodifluoromethane	4.19	ug/L	BDL		4.00	105	62 --- 196		22
Diisopropyl ether	4.41	ug/L	BDL		4.00	110	46 --- 161		27
Ethylbenzene	4.42	ug/L	BDL		4.00	110	52 --- 139		24
Hexachlorobutadiene	2.93	ug/L	BDL		4.00	73	66 --- 147		30
Isopropylbenzene	4.41	ug/L	BDL		4.00	110	50 --- 135		24
m & p-Xylene	7.73	ug/L	BDL		8.00	97	1 --- 156		28
Methyl tert-butyl ether	3.53	ug/L	BDL		4.00	88	46 --- 161		33
Methylene chloride	4.03	ug/L	BDL		4.00	101	10 --- 181		36
n-Butylbenzene	4.54	ug/L	BDL		4.00	114	46 --- 144		24
n-Propylbenzene	4.61	ug/L	BDL		4.00	115	51 --- 139		23
Naphthalene	3.05	ug/L	BDL		4.00	76	45 --- 135		31
o-Xylene	4.29	ug/L	BDL		4.00	107	11 --- 148		26
p-Isopropyltoluene	4.47	ug/L	BDL		4.00	112	18 --- 148		27
sec-Butylbenzene	4.66	ug/L	BDL		4.00	116	57 --- 138		23
Styrene	4.22	ug/L	BDL		4.00	106	1 --- 159		40
tert-Butylbenzene	4.42	ug/L	BDL		4.00	110	74 --- 132		22
Tetrachloroethene	4.25	ug/L	BDL		4.00	106	79 --- 144		21
Tetrahydrofuran	45.0	ug/L	BDL		40.0	112	51 --- 139		28
Toluene	4.44	ug/L	BDL		4.00	111	56 --- 141		19
trans-1,2-Dichloroethene	3.61	ug/L	BDL		4.00	90	53 --- 161		28
trans-1,3-Dichloropropene	4.03	ug/L	BDL		4.00	101	57 --- 124		21
Trichloroethene	3.49	ug/L	BDL		4.00	87	74 --- 138		19
Trichlorofluoromethane	3.84	ug/L	BDL		4.00	96	83 --- 174		23
Vinyl acetate	41.5	ug/L	BDL		40.0	104	0 --- 198		25
Vinyl chloride	4.84	ug/L	BDL		4.00	121	65 --- 168		21

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	LIQUID
CTLab #:	725422	Analysis Time:	11:32	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.32	ug/L			3.06	76	70 --- 130		20
Ethane	4.85	ug/L			4.77	102	70 --- 130		20
Ethene	6.98	ug/L			6.79	103	65 --- 124		20
Methane	2.35	ug/L			2.29	103	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	LIQUID
CTLab #:	725421	Analysis Time:	11:42	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.4	ug/L		U	0		0.4		
Ethene	0.5	ug/L		U	0		0.5		
Methane	0.4	ug/L		U	0		0.4		

Matrix Spike Duplicate Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	GROUND WATER
CTLab #:	725446	Analysis Time:	12:15	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:	725445	Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.23	ug/L	BDL		3.06	73	70 --- 130	1	20
Ethane	4.65	ug/L	BDL		4.77	97	70 --- 130	6	20
Ethene	6.76	ug/L	BDL		6.79	100	41 --- 138	6	43
Methane	2.39	ug/L	BDL		2.29	104	70 --- 130	6	20

TETRA TECH

SDG #: 0

Folder #: 118915

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	GROUND WATER
CTLab #:	725445	Analysis Time:	12:03	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:	721951	Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.25	ug/L	BDL		3.06	74	70 --- 130		
Ethane	4.38	ug/L	BDL		4.77	92	70 --- 130		
Ethene	6.37	ug/L	BDL		6.79	94	41 --- 138		
Methane	2.24	ug/L	BDL		2.29	98	70 --- 130		

Sample Condition Report

Folder #: 118915	Print Date / Time: 05/11/2016 13:04
Client: TETRA TECH	Received Date / Time / By: 05/11/2016 1205 JLS
Project Name: WDNR OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 05/11/2016 1302 BNA
Project Phase:	Project #: 117-7413001.01 PM: BMS
Coolers: 5892	Temperature: 2.4 C On Ice: Y
Custody Seals Present :	COC Present?: Y Complete? Y
Seal Intact? Y	Numbers: NOT PRESENT
Ship Method: FEDEX	Tracking Number: 776310655175
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: THE SAMPLES WERE RECEIVED IN GOOD CONDITION ON ICE.

NO CUSTODY SEALS NOR TAPE WERE PRESENT ON THE COOLER UPON RECEIPT OF THE SAMPLES.

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
721951 MW-101S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
721951 MW-101S	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	Total # of Containers of Type		(VOA HCL) = 3	
721951 MW-101S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 3	
721951 MW-101S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
721951 MW-101S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
721961 MW-101S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
721962 MW-101B	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			
721962 MW-101B	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	Total # of Containers of Type (VOA HCL) = 3			
721962 MW-101B	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 3			
721962 MW-101B	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			
721962 MW-101B	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type (H2SO4 PL) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
721963 MW-101B	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
721964 MW-14DR	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			
721964 MW-14DR	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	Total # of Containers of Type (VOA HCL) = 3			
721964 MW-14DR	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 3			
721964 MW-14DR	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

721964 MW-14DR
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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721965 MW-14DR
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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721967 MW-1D
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

721967 MW-1D
 VOA HCL 1 / GAS
 VOA HCL 1 / GAS
 VOA HCL 1 / GAS
Total # of Containers of Type (VOA HCL) = 3

721967 MW-1D
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 3

721967 MW-1D
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

721967 MW-1D
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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721981 MW-1D
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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721982 MW-1S
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

721982 MW-1S
 VOA HCL 1 / GAS

VOA HCL 1 / GAS
 VOA HCL 1 / GAS
Total # of Containers of Type (VOA HCL) = 3

721982 MW-1S
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 3

721982 MW-1S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

721982 MW-1S
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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721994 MW-1S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722017 MW-4S
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

722017 MW-4S
 VOA HCL 1 / GAS
 VOA HCL 1 / GAS
 VOA HCL 1 / GAS
Total # of Containers of Type (VOA HCL) = 3

722017 MW-4S
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 3

722017 MW-4S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

722017 MW-4S
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722024 TB-1	Trip Blank	1	/	VOC
	Trip Blank	1	/	VOC
	Total # of Containers of Type (Trip Blank) = 2			

<u>Condition Code</u>	<u>Condition Description</u>
1	Sample Received OK

Company: Tetra Tech
 Project Contact: mark manthey
 Telephone: 262 792 1282

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com

Report To:
 EMAIL: mark.manthey@tetratech.com
 Company: tetratech
 Address: 175 N Corporate Dr Suite 100
 Brookfield WI 53045
 Invoice To:
 EMAIL:
 Company:
 Address:

Project Name:
 WDNR Oconomowoc Electro plating
 Project #:
 117-7413001-01
 Location:
 OCONOMOWOC, WI
 Sampled By:
 Ashley Kowalewski

Folder #: 118915
 Company: TETRA TECH
 Project: OCONOMOWOC ELEC
 Logged By: BNA PM: BM

RCRA
 SDWA NPDES
 Other _____

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

* 2 rec'd - jfs

ANALYSES REQUESTED

Filtered? Y/N	TOC	ICP Dissolved	ICP total	alk / chloride / sulfate	metals - 8200	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	Total # Containers	Designated MS/MSD

Turnaround Time
 Normal RUSH*
 Date Needed: _____
 Rush analysis requires prior
 CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Collection 2016		Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test										Total # Containers	Designated MS/MSD	CT Lab ID # Lab use only		
Date	Time					TOC	ICP Dissolved	ICP total	alk / chloride / sulfate	metals - 8200	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead	metals - 8200 lead			
5-10	1230	6w	grab		MW-101S	✓	✓	1	1	3	3							10		721951 / 721961
	1310				MW-101B	✓	✓	1	1	3	3							10		721962 / 721963
	1420				MW-14DR	1	1	1	1	3	3							10		721964 / 721965
	1540				MW-1D	1	1	1	1	3	3							10		721967 / 721981
	1555				MW-1S	1	1	1	1	3	3							10		721982 / 721994
	1520				MW-4S	1	1	1	1	3	3							10		722623 / 722624
					TB-1													1*		722024

** Acetylene added by Bms after confirming with the client.

Relinquished By:
 Ashley Kowalewski
 Received by:

Date/Time
 5-10-15 17:30
 Date/Time

Received By:
 Received for Laboratory by:
 [Signature]

Date/Time
 Date/Time
 5-11-16 1300

Lab Use Only
 Ice Present (Yes) No
 Temp 2.4°C IR Gun # 14
 Cooler # 5892
 jfs

CT Laboratories Terms and Conditions

When a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

- 1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephone (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples not meeting the acceptance criteria, outlined in the NELAC standards and Section 5.8.3.2 of the DOD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information; if unable to obtain the necessary information, the final report will be qualified, (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the laboratory cannot determine the identity of a sample, it will be rejected and the client will be contacted for further instructions or resampling. (3) be in an appropriate sample container. If the container is inappropriate, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservations for analytical methods requested, (4) adhere to specified holding times. If samples are received with less than 1/2 the holding time remaining for the requested test, CT Laboratories will make its best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified, (5) contain adequate sample volume to perform the necessary testing. If sufficient volume is not present, the sample will be rejected and the client will be contacted for further instructions or resampling. If samples show signs of damage, contamination or inadequate preservation, the client will be notified. If analysis can be performed, the final report will be qualified. If not, the samples will be rejected and the client notified for further instructions or resampling.
- 1.2 CT Laboratories must be supplied with complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.
- 1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

- 2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

- 3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.
- 3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or acceleration in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.
- 3.3 Suspension or termination of all or any part of the Work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

- 4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from those methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manuals then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.
- 4.2 CTL shall start preparation and/or analysis within holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with CTL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.
- 4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.
- 4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.
- 4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL, will be limited to repeating any services performed, contingent on the Client's providing, at the request of CTL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If resampling is necessary, CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars (\$150) per sample, whichever is less.
- 4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.
- 4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.

5. RESULTS, WORK PRODUCT

- 5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.
- 5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.
- 5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to independently defend its data.
- 5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurance are those of the subcontracted laboratory.
- 5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).
- 5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for five (5) years.
- 5.7 In the event that CTL is required to respond to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

- 6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/ aggregate), Comprehensive Automobile Liability, owned and hired, (\$1,000,000 combined single limit), and Professional/Pollution Liability Insurance (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.

7. AUDIT

- 7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices

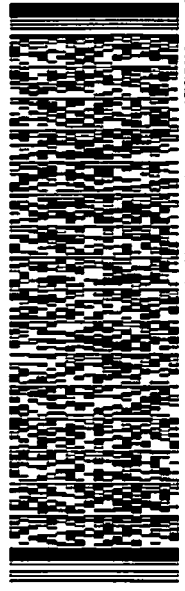
ORIGIN: DRI
ASPLEY, KOWAL, EWSKI
GEOTRANS, INC
172 N CORPORATE DRIVE
STE. 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 10MAY16
ACT WT: 40.00 LB
C/D: 104339W/E13730
DIM: 24x14x14 IN
BILL SENDER

TO PATRICK LETTERER
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913

(608) 358-2760 REF: 1177413001 01
DEPT



TRK# 7763 1065 5175
0201

WED - 11 MAY 10:30A
PRIORITY OVERNIGHT
DSR

55 MSNA

W-US MSN 53913



NO SEAL
NO TAPE
5/11/16 1205 JCS
jr # 14 2.40

540J16323727F

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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Szymanski, Brett M

From: Manthey, Mark <Mark.Manthey@tetrattech.com>
Sent: 06/16/2016 17:34
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Yes, the value is wrong. The DO value for MW-12M should be 0.93

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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175 N. Corporate Drive | Suite 100 | Brookfield, WI 53045 | www.tetrattech.com



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From: Szymanski, Brett M [mailto:BSzymanski@ctlaboratories.com]
Sent: Thursday, June 16, 2016 4:58 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

In looking at the field data, I'm assuming the DO for MW-12B is also incorrect? It looks like a conductivity reading.

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [mailto:Mark.Manthey@tetrattech.com]
Sent: 06/16/2016 4:49 PM

To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Sorry again!

Found another error for the Dissolved Oxygen value for the TW-2021 sample (Sample ID = 75710). The correct DO value is 2.55 mg/L

725710	TW-2021	Dissolved Oxygen (Field)	mg/L	5/18/2016	2.55
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Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
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From: Szymanski, Brett M [<mailto:BSzymanski@ctlaboratories.com>]
Sent: Thursday, June 16, 2016 4:44 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

I'll get these field data updated with the correct information and send out revised analytical reports and EDDs by Monday, June 20th.

Have a good afternoon,

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [<mailto:Mark.Manthey@tetrattech.com>]
Sent: 06/16/2016 4:41 PM
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Hi Brett,

Sorry about this, but I found another error in the field parameters data I sent you. It is for the MW-101S sample. The correct field data is listed below:

Sample	Well ID	Analyte	Units	Date	Result
721951	MW-101S	Color (Field)		5/10/2016	Clear
721951	MW-101S	Conductivity (Field)	umhos/cm	5/10/2016	3180
721951	MW-101S	Dissolved Oxygen (Field)	mg/L	5/10/2016	2.62
721951	MW-101S	OX/REDOX (Field)	MV	5/10/2016	336
721951	MW-101S	pH (Field)	S.U.	5/10/2016	6.82
721951	MW-101S	Temperature (Field)	Deg. C	5/10/2016	9.98
721951	MW-101S	Turbidity (Field)		5/10/2016	clear

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Manthey, Mark
Sent: Thursday, June 16, 2016 11:28 AM
To: 'BSzymanski@ctlaboratories.com' <BSzymanski@ctlaboratories.com>
Subject: Correct field parameters data for MW-13S sample

Brett,

Per our telephone conversation, below are the correct field parameters readings for the MW-13S sample:

Sample Date: 5/13/2016

Field Parameters

Dissolved Oxygen (DO) = 3.78 mg/L

Oxidation Reduction Potential = 130 millivolts

pH = 7.35

Specific Conductivity = 832 umhos/cm

Temperature = 12.29 deg-C

Turbidity = 30.2 ntu

Thanks.

Mark A. Manthey, P.G. | Associate Hydrogeologist

Office: 262-792-1282 ext. 271 | Fax: 262-792-1310

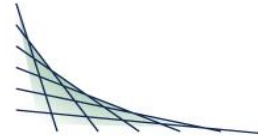
Mark.Manthey@tetrattech.com

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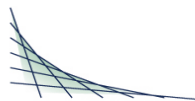
ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.





**REVISED
 ANALYTICAL REPORT**

TETRA TECH
 MARK MANTHEY
 175 N CORPORATE DRIVE
 SUITE 100
 BROOKFIELD, WI 53045

Project Name: WDNR OCONOMOWOC ELECTROPLATING
 Project Phase:
 Contract #: 2747
 Project #: 117-7413001.01
 Folder #: 118945
 Purchase Order #:

Page 1 of 42
 Arrival Temperature: 2.9
 Report Date: 05/27/2016
 Date Received: 05/12/2016
 Reprint Date: 06/17/2016
 Revision Date 06/17/2016

CT LAB Sample#: 722472	Sample Description: MW-105S	License/Well #: 4189/043	Sampled: 05/11/2016 1030
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1		05/11/2016 00:00	00:00	SUB	
OX/REDOX (Field)	-17	MV	N/A	N/A	1		05/11/2016 00:00	00:00	SUB	
Color (Field)	cloudy		N/A	N/A	1		05/11/2016 00:00	00:00	SUB	FIELD
Conductivity (Field)	1530	umhos/cm	N/A	N/A	1		05/11/2016 00:00	00:00	SUB	FIELD
pH (Field)	7.04	S.U.	N/A	N/A	1		05/11/2016 00:00	00:00	SUB	FIELD
Temperature (Field)	12.88	Deg. C	N/A	N/A	1		05/11/2016 00:00	00:00	SUB	FIELD
Turbidity (Field)	cloudy		N/A	N/A	1		05/11/2016 00:00	00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	410	mg/L	5.0	18	1		05/12/2016 16:42	16:42	MER	EPA 310.2
Total Chloride	320	mg/L	5.6	19	8		05/18/2016 12:18	12:18	JJF	EPA 9056A
Total Sulfate	56	mg/L	4.0	14	8		05/18/2016 12:18	12:18	JJF	EPA 9056A
Total Organic Carbon	3.0	mg/L	0.50	1.7	1		05/23/2016 15:21	15:21	JJF	EPA 9060A
Metals Results										
Total Iron	2.27	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 17:11	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722472 Sample Description: MW-105S

License/Well #: 4189/043 Sampled: 05/11/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Manganese	174	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 17:11	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 13:56	AMA	Mod RSK 175
Ethane	2.3	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 13:56	AMA	Mod RSK 175
Ethene	0.67	ug/L	0.50 *	1.8	1		05/19/2016 08:30	05/19/2016 13:56	AMA	Mod RSK 175
Methane	240	ug/L	8.0	24	20		05/19/2016 08:30	05/19/2016 14:08	AMA	Mod RSK 175

Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.

1,1,1,2-Tetrachloroethane	<5.0	ug/L	5.0	18	100			05/21/2016 14:22	RLD	EPA 8260C
1,1,1-Trichloroethane	<6.0	ug/L	6.0	21	100			05/21/2016 14:22	RLD	EPA 8260C
1,1,1,2-Tetrachloroethane	<2.0	ug/L	2.0	6.5	100			05/21/2016 14:22	RLD	EPA 8260C
1,1,2-Trichloroethane	<5.0	ug/L	5.0	17	100			05/21/2016 14:22	RLD	EPA 8260C
1,1-Dichloroethane	87	ug/L	6.0	19	100			05/21/2016 14:22	RLD	EPA 8260C
1,1-Dichloroethene	12	ug/L	7.0 *	23	100			05/21/2016 14:22	RLD	EPA 8260C
1,1-Dichloropropene	<6.0	ug/L	6.0	19	100			05/21/2016 14:22	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<5.0	ug/L	5.0	16	100			05/21/2016 14:22	RLD	EPA 8260C
1,2,3-Trichloropropane	<4.0	ug/L	4.0	13	100			05/21/2016 14:22	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<4.0	ug/L	4.0	13	100			05/21/2016 14:22	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<5.0	ug/L	5.0	17	100			05/21/2016 14:22	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<3.0	ug/L	3.0	10	100			05/21/2016 14:22	RLD	EPA 8260C
1,2-Dibromoethane	<4.0	ug/L	4.0	14	100			05/21/2016 14:22	RLD	EPA 8260C
1,2-Dichlorobenzene	<6.0	ug/L	6.0	19	100			05/21/2016 14:22	RLD	EPA 8260C
1,2-Dichloroethane	<4.0	ug/L	4.0	14	100			05/21/2016 14:22	RLD	EPA 8260C
1,2-Dichloropropane	<6.0	ug/L	6.0	20	100			05/21/2016 14:22	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<6.0	ug/L	6.0	20	100			05/21/2016 14:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722472 Sample Description: MW-105S

License/Well #: 4189/043 Sampled: 05/11/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,3-Dichlorobenzene	<6.0	ug/L	6.0	21	100			05/21/2016 14:22	RLD	EPA 8260C
1,3-Dichloropropane	<4.0	ug/L	4.0	13	100			05/21/2016 14:22	RLD	EPA 8260C
1,4-Dichlorobenzene	<5.0	ug/L	5.0	16	100			05/21/2016 14:22	RLD	EPA 8260C
2,2-Dichloropropane	<4.0	ug/L	4.0	12	100			05/21/2016 14:22	RLD	EPA 8260C
2-Butanone	<80	ug/L	80	280	100			05/21/2016 14:22	RLD	EPA 8260C
2-Chlorotoluene	<6.0	ug/L	6.0	19	100			05/21/2016 14:22	RLD	EPA 8260C
2-Hexanone	<40	ug/L	40	140	100			05/21/2016 14:22	RLD	EPA 8260C
4-Chlorotoluene	<5.0	ug/L	5.0	18	100			05/21/2016 14:22	RLD	EPA 8260C
4-Methyl-2-pentanone	<40	ug/L	40	140	100			05/21/2016 14:22	RLD	EPA 8260C
Acetone	2900	ug/L	90	310	100	B		05/21/2016 14:22	RLD	EPA 8260C
Benzene	<6.0	ug/L	6.0	18	100			05/21/2016 14:22	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	14	100			05/21/2016 14:22	RLD	EPA 8260C
Bromochloromethane	<1.7	ug/L	1.7	5.8	100			05/21/2016 14:22	RLD	EPA 8260C
Bromodichloromethane	<1.7	ug/L	1.7	5.8	100			05/21/2016 14:22	RLD	EPA 8260C
Bromoform	<1.8	ug/L	1.8	6.0	100			05/21/2016 14:22	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	29	100			05/21/2016 14:22	RLD	EPA 8260C
Carbon disulfide	<11	ug/L	11	38	100			05/21/2016 14:22	RLD	EPA 8260C
Carbon tetrachloride	<6.0	ug/L	6.0	20	100			05/21/2016 14:22	RLD	EPA 8260C
Chlorobenzene	<4.0	ug/L	4.0	14	100			05/21/2016 14:22	RLD	EPA 8260C
Chloroethane	<6.0	ug/L	6.0	21	100			05/21/2016 14:22	RLD	EPA 8260C
Chloroform	<6.0	ug/L	6.0	20	100			05/21/2016 14:22	RLD	EPA 8260C
Chloromethane	<5.0	ug/L	5.0	18	100			05/21/2016 14:22	RLD	EPA 8260C
cis-1,2-Dichloroethene	980	ug/L	6.0	21	100			05/21/2016 14:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722472 Sample Description: MW-105S

License/Well #: 4189/043 Sampled: 05/11/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
cis-1,3-Dichloropropene	<1.5	ug/L	1.5	4.9	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Dibromochloromethane	<1.6	ug/L	1.6	5.4	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Dibromomethane	<6.0	ug/L	6.0	19	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Dichlorodifluoromethane	<6.0	ug/L	6.0	19	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	15	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Ethylbenzene	<6.0	ug/L	6.0	21	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Hexachlorobutadiene	<7.0	ug/L	7.0	24	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Isopropylbenzene	<5.0	ug/L	5.0	17	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
m & p-Xylene	<12	ug/L	12	40	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Methyl tert-butyl ether	<4.0	ug/L	4.0	15	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Methylene chloride	170	ug/L	6.0	21	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
n-Butylbenzene	<5.0	ug/L	5.0	17	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
n-Propylbenzene	<5.0	ug/L	5.0	16	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Naphthalene	<5.0	ug/L	5.0	18	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
o-Xylene	<5.0	ug/L	5.0	16	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
p-Isopropyltoluene	<6.0	ug/L	6.0	21	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
sec-Butylbenzene	<5.0	ug/L	5.0	18	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Styrene	<5.0	ug/L	5.0	15	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
tert-Butylbenzene	<6.0	ug/L	6.0	19	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Tetrachloroethene	<6.0	ug/L	6.0	20	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Tetrahydrofuran	<60	ug/L	60	210	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
Toluene	<6.0	ug/L	6.0	21	100		05/21/2016 14:22	14:22	RLD	EPA 8260C
trans-1,2-Dichloroethene	160	ug/L	6.0	20	100		05/21/2016 14:22	14:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722472 Sample Description: MW-105S License/Well #: 4189/043 Sampled: 05/11/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
trans-1,3-Dichloropropene	<1.4	ug/L	1.4	4.8	100			05/21/2016 14:22	RLD	EPA 8260C
Trichloroethene	1200	ug/L	3.0	10	100			05/21/2016 14:22	RLD	EPA 8260C
Trichlorofluoromethane	<5.0	ug/L	5.0	18	100			05/21/2016 14:22	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	160	100			05/21/2016 14:22	RLD	EPA 8260C
Vinyl chloride	6.4	ug/L	1.6	5.2	100			05/21/2016 14:22	RLD	EPA 8260C

CT LAB Sample#: 722475 Sample Description: MW-105S License/Well #: 4189/043 Sampled: 05/11/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	2.84	mg/L	0.010	0.032	1	M		05/16/2016 12:52	NAH	EPA 6010C
Dissolved Manganese	175	ug/L	1.6	5.3	1			05/16/2016 12:52	NAH	EPA 6010C

CT LAB Sample#: 722476 Sample Description: MW-105S DUP License/Well #: 4189/043 Sampled: 05/11/2016 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Total	410	mg/L	5.0	18	1			05/12/2016 16:43	MER	EPA 310.2
Total Chloride	250	mg/L	7.0	24	10			05/18/2016 19:10	JJF	EPA 9056A
Total Sulfate	57	mg/L	4.0	14	8			05/18/2016 12:37	JJF	EPA 9056A
Total Organic Carbon	3.8	mg/L	0.50	1.7	1			05/23/2016 16:06	JJF	EPA 9060A

Metals Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722476 Sample Description: MW-105S DUP

License/Well #: 4189/043 Sampled: 05/11/2016 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Iron	2.34	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 17:18	NAH	EPA 6010C
Total Manganese	169	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 17:18	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 14:17	AMA	Mod RSK 175
Ethane	2.3	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 14:17	AMA	Mod RSK 175
Ethene	0.68	ug/L	0.50 *	1.8	1		05/19/2016 08:30	05/19/2016 14:17	AMA	Mod RSK 175
Methane	230	ug/L	8.0	24	20		05/19/2016 08:30	05/19/2016 14:26	AMA	Mod RSK 175
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<5.0	ug/L	5.0	18	100			05/21/2016 14:50	RLD	EPA 8260C
1,1,1-Trichloroethane	<6.0	ug/L	6.0	21	100			05/21/2016 14:50	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<2.0	ug/L	2.0	6.5	100			05/21/2016 14:50	RLD	EPA 8260C
1,1,2-Trichloroethane	<5.0	ug/L	5.0	17	100			05/21/2016 14:50	RLD	EPA 8260C
1,1-Dichloroethane	78	ug/L	6.0	19	100			05/21/2016 14:50	RLD	EPA 8260C
1,1-Dichloroethene	13	ug/L	7.0 *	23	100			05/21/2016 14:50	RLD	EPA 8260C
1,1-Dichloropropene	<6.0	ug/L	6.0	19	100			05/21/2016 14:50	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<5.0	ug/L	5.0	16	100			05/21/2016 14:50	RLD	EPA 8260C
1,2,3-Trichloropropane	<4.0	ug/L	4.0	13	100			05/21/2016 14:50	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<4.0	ug/L	4.0	13	100			05/21/2016 14:50	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<5.0	ug/L	5.0	17	100			05/21/2016 14:50	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<3.0	ug/L	3.0	10	100			05/21/2016 14:50	RLD	EPA 8260C
1,2-Dibromoethane	<4.0	ug/L	4.0	14	100			05/21/2016 14:50	RLD	EPA 8260C
1,2-Dichlorobenzene	<6.0	ug/L	6.0	19	100			05/21/2016 14:50	RLD	EPA 8260C
1,2-Dichloroethane	<4.0	ug/L	4.0	14	100			05/21/2016 14:50	RLD	EPA 8260C
1,2-Dichloropropane	<6.0	ug/L	6.0	20	100			05/21/2016 14:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722476 Sample Description: MW-105S DUP

License/Well #: 4189/043 Sampled: 05/11/2016 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,3,5-Trimethylbenzene	<6.0	ug/L	6.0	20	100			05/21/2016 14:50	RLD	EPA 8260C
1,3-Dichlorobenzene	<6.0	ug/L	6.0	21	100			05/21/2016 14:50	RLD	EPA 8260C
1,3-Dichloropropane	<4.0	ug/L	4.0	13	100			05/21/2016 14:50	RLD	EPA 8260C
1,4-Dichlorobenzene	<5.0	ug/L	5.0	16	100			05/21/2016 14:50	RLD	EPA 8260C
2,2-Dichloropropane	<4.0	ug/L	4.0	12	100			05/21/2016 14:50	RLD	EPA 8260C
2-Butanone	<80	ug/L	80	280	100			05/21/2016 14:50	RLD	EPA 8260C
2-Chlorotoluene	<6.0	ug/L	6.0	19	100			05/21/2016 14:50	RLD	EPA 8260C
2-Hexanone	<40	ug/L	40	140	100			05/21/2016 14:50	RLD	EPA 8260C
4-Chlorotoluene	<5.0	ug/L	5.0	18	100			05/21/2016 14:50	RLD	EPA 8260C
4-Methyl-2-pentanone	<40	ug/L	40	140	100			05/21/2016 14:50	RLD	EPA 8260C
Acetone	3100	ug/L	90	310	100	B		05/21/2016 14:50	RLD	EPA 8260C
Benzene	<6.0	ug/L	6.0	18	100			05/21/2016 14:50	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	14	100			05/21/2016 14:50	RLD	EPA 8260C
Bromochloromethane	<1.7	ug/L	1.7	5.8	100			05/21/2016 14:50	RLD	EPA 8260C
Bromodichloromethane	<1.7	ug/L	1.7	5.8	100			05/21/2016 14:50	RLD	EPA 8260C
Bromoform	<1.8	ug/L	1.8	6.0	100			05/21/2016 14:50	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	29	100			05/21/2016 14:50	RLD	EPA 8260C
Carbon disulfide	<11	ug/L	11	38	100			05/21/2016 14:50	RLD	EPA 8260C
Carbon tetrachloride	<6.0	ug/L	6.0	20	100			05/21/2016 14:50	RLD	EPA 8260C
Chlorobenzene	<4.0	ug/L	4.0	14	100			05/21/2016 14:50	RLD	EPA 8260C
Chloroethane	<6.0	ug/L	6.0	21	100			05/21/2016 14:50	RLD	EPA 8260C
Chloroform	<6.0	ug/L	6.0	20	100			05/21/2016 14:50	RLD	EPA 8260C
Chloromethane	<5.0	ug/L	5.0	18	100			05/21/2016 14:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722476 Sample Description: MW-105S DUP

License/Well #: 4189/043 Sampled: 05/11/2016 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
cis-1,2-Dichloroethene	920	ug/L	6.0	21	100		05/21/2016	14:50	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.5	ug/L	1.5	4.9	100		05/21/2016	14:50	RLD	EPA 8260C
Dibromochloromethane	<1.6	ug/L	1.6	5.4	100		05/21/2016	14:50	RLD	EPA 8260C
Dibromomethane	<6.0	ug/L	6.0	19	100		05/21/2016	14:50	RLD	EPA 8260C
Dichlorodifluoromethane	<6.0	ug/L	6.0	19	100		05/21/2016	14:50	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	15	100		05/21/2016	14:50	RLD	EPA 8260C
Ethylbenzene	<6.0	ug/L	6.0	21	100		05/21/2016	14:50	RLD	EPA 8260C
Hexachlorobutadiene	<7.0	ug/L	7.0	24	100		05/21/2016	14:50	RLD	EPA 8260C
Isopropylbenzene	<5.0	ug/L	5.0	17	100		05/21/2016	14:50	RLD	EPA 8260C
m & p-Xylene	<12	ug/L	12	40	100		05/21/2016	14:50	RLD	EPA 8260C
Methyl tert-butyl ether	<4.0	ug/L	4.0	15	100		05/21/2016	14:50	RLD	EPA 8260C
Methylene chloride	140	ug/L	6.0	21	100		05/21/2016	14:50	RLD	EPA 8260C
n-Butylbenzene	<5.0	ug/L	5.0	17	100		05/21/2016	14:50	RLD	EPA 8260C
n-Propylbenzene	<5.0	ug/L	5.0	16	100		05/21/2016	14:50	RLD	EPA 8260C
Naphthalene	<5.0	ug/L	5.0	18	100		05/21/2016	14:50	RLD	EPA 8260C
o-Xylene	<5.0	ug/L	5.0	16	100		05/21/2016	14:50	RLD	EPA 8260C
p-Isopropyltoluene	<6.0	ug/L	6.0	21	100		05/21/2016	14:50	RLD	EPA 8260C
sec-Butylbenzene	<5.0	ug/L	5.0	18	100		05/21/2016	14:50	RLD	EPA 8260C
Styrene	<5.0	ug/L	5.0	15	100		05/21/2016	14:50	RLD	EPA 8260C
tert-Butylbenzene	<6.0	ug/L	6.0	19	100		05/21/2016	14:50	RLD	EPA 8260C
Tetrachloroethene	<6.0	ug/L	6.0	20	100		05/21/2016	14:50	RLD	EPA 8260C
Tetrahydrofuran	<60	ug/L	60	210	100		05/21/2016	14:50	RLD	EPA 8260C
Toluene	<6.0	ug/L	6.0	21	100		05/21/2016	14:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722476 Sample Description: MW-105S DUP License/Well #: 4189/043 Sampled: 05/11/2016 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
trans-1,2-Dichloroethene	140	ug/L	6.0	20	100			05/21/2016 14:50	RLD	EPA 8260C
trans-1,3-Dichloropropene	<1.4	ug/L	1.4	4.8	100			05/21/2016 14:50	RLD	EPA 8260C
Trichloroethene	1100	ug/L	3.0	10	100			05/21/2016 14:50	RLD	EPA 8260C
Trichlorofluoromethane	<5.0	ug/L	5.0	18	100			05/21/2016 14:50	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	160	100			05/21/2016 14:50	RLD	EPA 8260C
Vinyl chloride	3.0	ug/L	1.6 *	5.2	100			05/21/2016 14:50	RLD	EPA 8260C

CT LAB Sample#: 722477 Sample Description: MW-105S DUP License/Well #: 4189/043 Sampled: 05/11/2016 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.51	mg/L	0.010	0.032	1			05/16/2016 13:11	NAH	EPA 6010C
Dissolved Manganese	172	ug/L	1.6	5.3	1			05/16/2016 13:11	NAH	EPA 6010C

CT LAB Sample#: 722478 Sample Description: MW-105D License/Well #: 4189/044 Sampled: 05/11/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	-53	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	cloudy		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	1400	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722478 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 05/11/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
pH (Field)	7.16	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	12.41	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	cloudy		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	420	mg/L	5.0	18	1			05/12/2016 16:44	MER	EPA 310.2
Total Chloride	210	mg/L	7.0	24	10			05/18/2016 12:56	JJF	EPA 9056A
Total Sulfate	61	mg/L	5.0	18	10			05/18/2016 12:56	JJF	EPA 9056A
Total Organic Carbon	3.8	mg/L	0.50	1.7	1			05/23/2016 16:18	JJF	EPA 9060A
Metals Results										
Total Iron	3.68	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 17:25	NAH	EPA 6010C
Total Manganese	55.4	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 17:25	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 14:35	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 14:35	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 14:35	AMA	Mod RSK 175
Methane	92	ug/L	4.0	12	10		05/19/2016 08:30	05/19/2016 14:44	AMA	Mod RSK 175
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 13:53	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	5			05/21/2016 13:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.10	ug/L	0.10	0.33	5			05/21/2016 13:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.85	5			05/21/2016 13:53	RLD	EPA 8260C
1,1-Dichloroethane	5.8	ug/L	0.30	0.95	5			05/21/2016 13:53	RLD	EPA 8260C
1,1-Dichloroethene	1.1	ug/L	0.35 *	1.2	5			05/21/2016 13:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722478 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 05/11/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,1-Dichloropropene	<0.30	ug/L	0.30	0.95	5		05/21/2016	13:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016	13:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.20	ug/L	0.20	0.65	5		05/21/2016	13:53	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.20	ug/L	0.20	0.65	5		05/21/2016	13:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016	13:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.15	ug/L	0.15	0.50	5		05/21/2016	13:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.20	ug/L	0.20	0.70	5		05/21/2016	13:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	0.95	5		05/21/2016	13:53	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.70	5		05/21/2016	13:53	RLD	EPA 8260C
1,2-Dichloropropane	<0.30	ug/L	0.30	1.0	5		05/21/2016	13:53	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	5		05/21/2016	13:53	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.1	5		05/21/2016	13:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.20	ug/L	0.20	0.65	5		05/21/2016	13:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016	13:53	RLD	EPA 8260C
2,2-Dichloropropane	<0.20	ug/L	0.20	0.60	5		05/21/2016	13:53	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	5		05/21/2016	13:53	RLD	EPA 8260C
2-Chlorotoluene	<0.30	ug/L	0.30	0.95	5		05/21/2016	13:53	RLD	EPA 8260C
2-Hexanone	<2.0	ug/L	2.0	7.0	5		05/21/2016	13:53	RLD	EPA 8260C
4-Chlorotoluene	<0.25	ug/L	0.25	0.90	5		05/21/2016	13:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.0	ug/L	2.0	7.0	5		05/21/2016	13:53	RLD	EPA 8260C
Acetone	110	ug/L	4.5	16	5	B	05/21/2016	13:53	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	0.90	5		05/21/2016	13:53	RLD	EPA 8260C
Bromobenzene	<0.20	ug/L	0.20	0.70	5		05/21/2016	13:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722478 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 05/11/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
Bromochloromethane	<0.085	ug/L	0.085	0.29	5		05/21/2016	13:53	RLD	EPA 8260C
Bromodichloromethane	<0.085	ug/L	0.085	0.29	5		05/21/2016	13:53	RLD	EPA 8260C
Bromoform	<0.090	ug/L	0.090	0.30	5		05/21/2016	13:53	RLD	EPA 8260C
Bromomethane	<0.45	ug/L	0.45	1.5	5		05/21/2016	13:53	RLD	EPA 8260C
Carbon disulfide	<0.55	ug/L	0.55	1.9	5		05/21/2016	13:53	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	5		05/21/2016	13:53	RLD	EPA 8260C
Chlorobenzene	<0.20	ug/L	0.20	0.70	5		05/21/2016	13:53	RLD	EPA 8260C
Chloroethane	<0.30	ug/L	0.30	1.1	5		05/21/2016	13:53	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.0	5		05/21/2016	13:53	RLD	EPA 8260C
Chloromethane	<0.25	ug/L	0.25	0.90	5		05/21/2016	13:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	63	ug/L	0.30	1.1	5		05/21/2016	13:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.075	ug/L	0.075	0.25	5		05/21/2016	13:53	RLD	EPA 8260C
Dibromochloromethane	<0.080	ug/L	0.080	0.27	5		05/21/2016	13:53	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	0.95	5		05/21/2016	13:53	RLD	EPA 8260C
Dichlorodifluoromethane	<0.30	ug/L	0.30	0.95	5		05/21/2016	13:53	RLD	EPA 8260C
Diisopropyl ether	<0.20	ug/L	0.20	0.75	5		05/21/2016	13:53	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	5		05/21/2016	13:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.35	ug/L	0.35	1.2	5		05/21/2016	13:53	RLD	EPA 8260C
Isopropylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016	13:53	RLD	EPA 8260C
m & p-Xylene	<0.60	ug/L	0.60	2.0	5		05/21/2016	13:53	RLD	EPA 8260C
Methyl tert-butyl ether	0.24	ug/L	0.20 *	0.75	5		05/21/2016	13:53	RLD	EPA 8260C
Methylene chloride	9.6	ug/L	0.30	1.1	5		05/21/2016	13:53	RLD	EPA 8260C
n-Butylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016	13:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722478 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 05/11/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
n-Propylbenzene	<0.25	ug/L	0.25	0.80	5			05/21/2016 13:53	RLD	EPA 8260C
Naphthalene	<0.25	ug/L	0.25	0.90	5			05/21/2016 13:53	RLD	EPA 8260C
o-Xylene	<0.25	ug/L	0.25	0.80	5			05/21/2016 13:53	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	5			05/21/2016 13:53	RLD	EPA 8260C
sec-Butylbenzene	<0.25	ug/L	0.25	0.90	5			05/21/2016 13:53	RLD	EPA 8260C
Styrene	<0.25	ug/L	0.25	0.75	5			05/21/2016 13:53	RLD	EPA 8260C
tert-Butylbenzene	<0.30	ug/L	0.30	0.95	5			05/21/2016 13:53	RLD	EPA 8260C
Tetrachloroethene	<0.30	ug/L	0.30	1.0	5			05/21/2016 13:53	RLD	EPA 8260C
Tetrahydrofuran	3.1	ug/L	3.0 *	11	5	Z,B		05/21/2016 13:53	RLD	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	5			05/21/2016 13:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	1.6	ug/L	0.30	1.0	5			05/21/2016 13:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.070	ug/L	0.070	0.24	5			05/21/2016 13:53	RLD	EPA 8260C
Trichloroethene	0.56	ug/L	0.15	0.50	5			05/21/2016 13:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 13:53	RLD	EPA 8260C
Vinyl acetate	<2.5	ug/L	2.5	8.0	5			05/21/2016 13:53	RLD	EPA 8260C
Vinyl chloride	1.7	ug/L	0.080	0.26	5			05/21/2016 13:53	RLD	EPA 8260C

CT LAB Sample#: 722479 Sample Description: MW-105D

License/Well #: 4189/044 Sampled: 05/11/2016 1120

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.81	mg/L	0.010	0.032	1			05/16/2016 13:18	NAH	EPA 6010C
Dissolved Manganese	53.3	ug/L	1.6	5.3	1			05/16/2016 13:18	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722480 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 05/11/2016 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	-9	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	764	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
pH (Field)	7.57	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	18.52	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	390	mg/L	5.0	18	1			05/12/2016 16:45	MER	EPA 310.2
Total Chloride	84	mg/L	3.5	12	5			05/18/2016 19:29	JJF	EPA 9056A
Total Sulfate	0.73	mg/L	0.50 *	1.8	1			05/18/2016 13:15	JJF	EPA 9056A
Total Organic Carbon	1.9	mg/L	0.50	1.7	1			05/23/2016 16:30	JJF	EPA 9060A
Metals Results										
Total Iron	0.389	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 17:31	NAH	EPA 6010C
Total Manganese	372	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 17:31	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 14:53	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 14:53	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 14:53	AMA	Mod RSK 175
Methane	470	ug/L	20	60	50		05/19/2016 08:30	05/19/2016 15:02	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:37	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:37	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722480 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 05/11/2016 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 21:37	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 21:37	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:37	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 21:37	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:37	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 21:37	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 21:37	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 21:37	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 21:37	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 21:37	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 21:37	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:37	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 21:37	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:37	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:37	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:37	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 21:37	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 21:37	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 21:37	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 21:37	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:37	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 21:37	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:37	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 21:37	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 21:37	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722480 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 05/11/2016 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.060	ug/L	0.060	0.18	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016 21:37	21:37	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 21:37	21:37	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722480 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 05/11/2016 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 21:37	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:37	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/19/2016 21:37	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:37	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:37	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/19/2016 21:37	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 21:37	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:37	RLD	EPA 8260C
Tetrahydrofuran	0.67	ug/L	0.60 *	2.1	1	B,Z		05/19/2016 21:37	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/19/2016 21:37	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/19/2016 21:37	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/19/2016 21:37	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			05/19/2016 21:37	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 21:37	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/19/2016 21:37	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/19/2016 21:37	RLD	EPA 8260C

CT LAB Sample#: 722481 Sample Description: MW-105B

License/Well #: 4189/045 Sampled: 05/11/2016 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.247	mg/L	0.010	0.032	1			05/16/2016 13:43	NAH	EPA 6010C
Dissolved Manganese	225	ug/L	1.6	5.3	1			05/16/2016 13:43	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722482 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 05/11/2016 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	-35	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	1490	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
pH (Field)	7.10	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	15.13	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	350	mg/L	5.0	18	1			05/12/2016 16:46	MER	EPA 310.2
Total Chloride	310	mg/L	7.0	24	10			05/18/2016 14:11	JJF	EPA 9056A
Total Sulfate	59	mg/L	5.0	18	10			05/18/2016 14:11	JJF	EPA 9056A
Total Organic Carbon	2.8	mg/L	0.50	1.7	1			05/23/2016 16:41	JJF	EPA 9060A
Metals Results										
Total Iron	2.94	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 17:56	NAH	EPA 6010C
Total Manganese	73.5	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 17:56	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 16:15	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 16:15	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 16:15	AMA	Mod RSK 175
Methane	21	ug/L	0.80	2.4	2		05/19/2016 08:30	05/19/2016 16:24	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/21/2016 13:25	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/21/2016 13:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722482 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 05/11/2016 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1		05/21/2016	13:25	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1		05/21/2016	13:25	RLD	EPA 8260C
1,1-Dichloroethane	0.16	ug/L	0.060 *	0.19	1		05/21/2016	13:25	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1		05/21/2016	13:25	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1		05/21/2016	13:25	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1		05/21/2016	13:25	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1		05/21/2016	13:25	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1		05/21/2016	13:25	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1		05/21/2016	13:25	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1		05/21/2016	13:25	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1		05/21/2016	13:25	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1		05/21/2016	13:25	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1		05/21/2016	13:25	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1		05/21/2016	13:25	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1		05/21/2016	13:25	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1		05/21/2016	13:25	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1		05/21/2016	13:25	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1		05/21/2016	13:25	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		05/21/2016	13:25	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		05/21/2016	13:25	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		05/21/2016	13:25	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		05/21/2016	13:25	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		05/21/2016	13:25	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		05/21/2016	13:25	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		05/21/2016	13:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722482 Sample Description: MW-9S

License/Well #: 4189/014 Sampled: 05/11/2016 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.060	ug/L	0.060	0.18	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/21/2016 13:25	13:25	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/21/2016 13:25	13:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722482 Sample Description: MW-9S License/Well #: 4189/014 Sampled: 05/11/2016 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/21/2016 13:25	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/21/2016 13:25	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/21/2016 13:25	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/21/2016 13:25	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/21/2016 13:25	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/21/2016 13:25	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/21/2016 13:25	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/21/2016 13:25	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			05/21/2016 13:25	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/21/2016 13:25	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/21/2016 13:25	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/21/2016 13:25	RLD	EPA 8260C
Trichloroethene	0.18	ug/L	0.030	0.10	1			05/21/2016 13:25	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/21/2016 13:25	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/21/2016 13:25	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/21/2016 13:25	RLD	EPA 8260C

CT LAB Sample#: 722483 Sample Description: MW-9S License/Well #: 4189/014 Sampled: 05/11/2016 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.877	mg/L	0.010	0.032	1			05/16/2016 13:50	NAH	EPA 6010C
Dissolved Manganese	70.6	ug/L	1.6	5.3	1			05/16/2016 13:50	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722484 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 05/11/2016 1425

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.01	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	-40	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	1090	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
pH (Field)	7.13	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	13.76	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	400	mg/L	5.0	18	1			05/12/2016 16:49	MER	EPA 310.2
Total Chloride	150	mg/L	3.5	12	5			05/18/2016 14:29	JJF	EPA 9056A
Total Sulfate	52	mg/L	2.5	9.0	5			05/18/2016 14:29	JJF	EPA 9056A
Total Organic Carbon	2.6	mg/L	0.50	1.7	1			05/23/2016 16:52	JJF	EPA 9060A
Metals Results										
Total Iron	2.05	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 18:03	NAH	EPA 6010C
Total Manganese	116	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 18:03	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 16:33	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 16:33	AMA	Mod RSK 175
Ethene	0.55	ug/L	0.50 *	1.8	1		05/19/2016 08:30	05/19/2016 16:33	AMA	Mod RSK 175
Methane	44	ug/L	2.0	6.0	5		05/19/2016 08:30	05/19/2016 16:42	AMA	Mod RSK 175

Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722484 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 05/11/2016 1425

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.90	5		05/21/2016	15:18	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	5		05/21/2016	15:18	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.10	ug/L	0.10	0.33	5		05/21/2016	15:18	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.85	5		05/21/2016	15:18	RLD	EPA 8260C
1,1-Dichloroethane	7.6	ug/L	0.30	0.95	5		05/21/2016	15:18	RLD	EPA 8260C
1,1-Dichloroethene	0.74	ug/L	0.35 *	1.2	5		05/21/2016	15:18	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	0.95	5		05/21/2016	15:18	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016	15:18	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.20	ug/L	0.20	0.65	5		05/21/2016	15:18	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.20	ug/L	0.20	0.65	5		05/21/2016	15:18	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016	15:18	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.15	ug/L	0.15	0.50	5		05/21/2016	15:18	RLD	EPA 8260C
1,2-Dibromoethane	<0.20	ug/L	0.20	0.70	5		05/21/2016	15:18	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	0.95	5		05/21/2016	15:18	RLD	EPA 8260C
1,2-Dichloroethane	0.53	ug/L	0.20 *	0.70	5		05/21/2016	15:18	RLD	EPA 8260C
1,2-Dichloropropane	<0.30	ug/L	0.30	1.0	5		05/21/2016	15:18	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	5		05/21/2016	15:18	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.1	5		05/21/2016	15:18	RLD	EPA 8260C
1,3-Dichloropropane	<0.20	ug/L	0.20	0.65	5		05/21/2016	15:18	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016	15:18	RLD	EPA 8260C
2,2-Dichloropropane	<0.20	ug/L	0.20	0.60	5		05/21/2016	15:18	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	5		05/21/2016	15:18	RLD	EPA 8260C
2-Chlorotoluene	<0.30	ug/L	0.30	0.95	5		05/21/2016	15:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722484 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 05/11/2016 1425

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
2-Hexanone	<2.0	ug/L	2.0	7.0	5			05/21/2016 15:18	RLD	EPA 8260C
4-Chlorotoluene	<0.25	ug/L	0.25	0.90	5			05/21/2016 15:18	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.0	ug/L	2.0	7.0	5			05/21/2016 15:18	RLD	EPA 8260C
Acetone	98	ug/L	4.5	16	5	B		05/21/2016 15:18	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	0.90	5			05/21/2016 15:18	RLD	EPA 8260C
Bromobenzene	<0.20	ug/L	0.20	0.70	5			05/21/2016 15:18	RLD	EPA 8260C
Bromochloromethane	<0.085	ug/L	0.085	0.29	5			05/21/2016 15:18	RLD	EPA 8260C
Bromodichloromethane	<0.085	ug/L	0.085	0.29	5			05/21/2016 15:18	RLD	EPA 8260C
Bromoform	<0.090	ug/L	0.090	0.30	5			05/21/2016 15:18	RLD	EPA 8260C
Bromomethane	<0.45	ug/L	0.45	1.5	5			05/21/2016 15:18	RLD	EPA 8260C
Carbon disulfide	<0.55	ug/L	0.55	1.9	5			05/21/2016 15:18	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	5			05/21/2016 15:18	RLD	EPA 8260C
Chlorobenzene	<0.20	ug/L	0.20	0.70	5			05/21/2016 15:18	RLD	EPA 8260C
Chloroethane	<0.30	ug/L	0.30	1.1	5			05/21/2016 15:18	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.0	5			05/21/2016 15:18	RLD	EPA 8260C
Chloromethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 15:18	RLD	EPA 8260C
cis-1,2-Dichloroethene	76	ug/L	0.30	1.1	5			05/21/2016 15:18	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.075	ug/L	0.075	0.25	5			05/21/2016 15:18	RLD	EPA 8260C
Dibromochloromethane	<0.080	ug/L	0.080	0.27	5			05/21/2016 15:18	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	0.95	5			05/21/2016 15:18	RLD	EPA 8260C
Dichlorodifluoromethane	<0.30	ug/L	0.30	0.95	5			05/21/2016 15:18	RLD	EPA 8260C
Diisopropyl ether	<0.20	ug/L	0.20	0.75	5			05/21/2016 15:18	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	5			05/21/2016 15:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722484 Sample Description: MW-5D

License/Well #: 4189/010 Sampled: 05/11/2016 1425

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
Hexachlorobutadiene	<0.35	ug/L	0.35	1.2	5		05/21/2016	15:18	RLD	EPA 8260C
Isopropylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016	15:18	RLD	EPA 8260C
m & p-Xylene	<0.60	ug/L	0.60	2.0	5		05/21/2016	15:18	RLD	EPA 8260C
Methyl tert-butyl ether	0.27	ug/L	0.20 *	0.75	5		05/21/2016	15:18	RLD	EPA 8260C
Methylene chloride	1.5	ug/L	0.30	1.1	5		05/21/2016	15:18	RLD	EPA 8260C
n-Butylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016	15:18	RLD	EPA 8260C
n-Propylbenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016	15:18	RLD	EPA 8260C
Naphthalene	<0.25	ug/L	0.25	0.90	5		05/21/2016	15:18	RLD	EPA 8260C
o-Xylene	<0.25	ug/L	0.25	0.80	5		05/21/2016	15:18	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	5		05/21/2016	15:18	RLD	EPA 8260C
sec-Butylbenzene	<0.25	ug/L	0.25	0.90	5		05/21/2016	15:18	RLD	EPA 8260C
Styrene	<0.25	ug/L	0.25	0.75	5		05/21/2016	15:18	RLD	EPA 8260C
tert-Butylbenzene	<0.30	ug/L	0.30	0.95	5		05/21/2016	15:18	RLD	EPA 8260C
Tetrachloroethene	<0.30	ug/L	0.30	1.0	5		05/21/2016	15:18	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	11	5		05/21/2016	15:18	RLD	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	5		05/21/2016	15:18	RLD	EPA 8260C
trans-1,2-Dichloroethene	9.4	ug/L	0.30	1.0	5		05/21/2016	15:18	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.070	ug/L	0.070	0.24	5		05/21/2016	15:18	RLD	EPA 8260C
Trichloroethene	54	ug/L	0.15	0.50	5		05/21/2016	15:18	RLD	EPA 8260C
Trichlorofluoromethane	<0.25	ug/L	0.25	0.90	5		05/21/2016	15:18	RLD	EPA 8260C
Vinyl acetate	<2.5	ug/L	2.5	8.0	5		05/21/2016	15:18	RLD	EPA 8260C
Vinyl chloride	4.7	ug/L	0.080	0.26	5		05/21/2016	15:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722485 Sample Description: MW-5D License/Well #: 4189/010 Sampled: 05/11/2016 1425

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.865	mg/L	0.010	0.032	1			05/16/2016 13:57	NAH	EPA 6010C
Dissolved Manganese	116	ug/L	1.6	5.3	1			05/16/2016 13:57	NAH	EPA 6010C

CT LAB Sample#: 722486 Sample Description: MW-12D License/Well #: 4189/021 Sampled: 05/11/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	49	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	1190	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
pH (Field)	7.26	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	16.52	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD

Inorganic Results

Alkalinity Total	400	mg/L	5.0	18	1			05/12/2016 16:50	MER	EPA 310.2
Total Chloride	220	mg/L	7.0	24	10			05/18/2016 14:48	JJF	EPA 9056A
Total Sulfate	58	mg/L	5.0	18	10			05/18/2016 14:48	JJF	EPA 9056A
Total Organic Carbon	3.0	mg/L	0.50	1.7	1			05/23/2016 17:06	JJF	EPA 9060A

Metals Results

Total Iron	0.906	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 18:10	NAH	EPA 6010C
Total Manganese	29.5	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 18:10	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722486 Sample Description: MW-12D

License/Well #: 4189/021 Sampled: 05/11/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 16:51	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 16:51	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 16:51	AMA	Mod RSK 175
Methane	32	ug/L	0.80	2.4	2		05/19/2016 08:30	05/19/2016 17:00	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 22:35	RLD	EPA 8260C
1,1,1-Trichloroethane	0.33	ug/L	0.060	0.21	1			05/19/2016 22:35	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 22:35	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 22:35	RLD	EPA 8260C
1,1-Dichloroethane	5.8	ug/L	0.060	0.19	1			05/19/2016 22:35	RLD	EPA 8260C
1,1-Dichloroethene	0.18	ug/L	0.070 *	0.23	1			05/19/2016 22:35	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 22:35	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 22:35	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 22:35	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 22:35	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 22:35	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 22:35	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 22:35	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 22:35	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 22:35	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 22:35	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 22:35	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 22:35	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 22:35	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 22:35	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722486 Sample Description: MW-12D

License/Well #: 4189/021 Sampled: 05/11/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 22:35	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 22:35	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 22:35	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 22:35	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 22:35	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 22:35	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 22:35	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 22:35	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 22:35	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 22:35	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 22:35	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 22:35	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 22:35	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 22:35	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 22:35	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 22:35	RLD	EPA 8260C
Chloroethane	0.53	ug/L	0.060	0.21	1			05/19/2016 22:35	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 22:35	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 22:35	RLD	EPA 8260C
cis-1,2-Dichloroethene	5.4	ug/L	0.060	0.21	1			05/19/2016 22:35	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 22:35	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 22:35	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 22:35	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 22:35	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/19/2016 22:35	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722486 Sample Description: MW-12D

License/Well #: 4189/021 Sampled: 05/11/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016 22:35	RLD	EPA 8260C	
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016 22:35	RLD	EPA 8260C	
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 22:35	RLD	EPA 8260C	
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016 22:35	RLD	EPA 8260C	
Methyl tert-butyl ether	0.59	ug/L	0.040	0.15	1		05/19/2016 22:35	RLD	EPA 8260C	
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016 22:35	RLD	EPA 8260C	
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 22:35	RLD	EPA 8260C	
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016 22:35	RLD	EPA 8260C	
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016 22:35	RLD	EPA 8260C	
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016 22:35	RLD	EPA 8260C	
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 22:35	RLD	EPA 8260C	
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016 22:35	RLD	EPA 8260C	
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016 22:35	RLD	EPA 8260C	
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016 22:35	RLD	EPA 8260C	
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 22:35	RLD	EPA 8260C	
Tetrahydrofuran	0.68	ug/L	0.60 *	2.1	1	B,Z	05/19/2016 22:35	RLD	EPA 8260C	
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 22:35	RLD	EPA 8260C	
trans-1,2-Dichloroethene	0.50	ug/L	0.060	0.20	1		05/19/2016 22:35	RLD	EPA 8260C	
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016 22:35	RLD	EPA 8260C	
Trichloroethene	0.10	ug/L	0.030	0.10	1		05/19/2016 22:35	RLD	EPA 8260C	
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 22:35	RLD	EPA 8260C	
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016 22:35	RLD	EPA 8260C	
Vinyl chloride	0.80	ug/L	0.016	0.052	1		05/19/2016 22:35	RLD	EPA 8260C	

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722487 Sample Description: MW-12D	License/Well #: 4189/021	Sampled: 05/11/2016 1520
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.873	mg/L	0.010	0.032	1			05/16/2016 14:03	NAH	EPA 6010C
Dissolved Manganese	29.1	ug/L	1.6	5.3	1			05/16/2016 14:03	NAH	EPA 6010C

CT LAB Sample#: 722488 Sample Description: MW-12S	License/Well #: 4189/020	Sampled: 05/11/2016 1600
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	30	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	cloudy		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	1230	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
pH (Field)	7.14	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	12.03	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	cloudy		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	380	mg/L	5.0	18	1			05/12/2016 16:51	MER	EPA 310.2
Total Chloride	220	mg/L	7.0	24	10			05/18/2016 15:07	JJF	EPA 9056A
Total Sulfate	59	mg/L	5.0	18	10			05/18/2016 15:07	JJF	EPA 9056A
Total Organic Carbon	3.2	mg/L	0.50	1.7	1			05/23/2016 17:19	JJF	EPA 9060A

Metals Results										
Total Iron	0.172	mg/L	0.020	0.065	1		05/16/2016 10:00	05/16/2016 18:16	NAH	EPA 6010C
Total Manganese	117	ug/L	1.4	4.7	1		05/16/2016 10:00	05/16/2016 18:16	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722488 Sample Description: MW-12S

License/Well #: 4189/020 Sampled: 05/11/2016 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 17:10	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 17:10	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 17:10	AMA	Mod RSK 175
Methane	18	ug/L	0.80	2.4	2		05/19/2016 08:30	05/19/2016 17:19	AMA	Mod RSK 175

Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.

1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 15:47	RLD	EPA 8260C
1,1,1-Trichloroethane	29	ug/L	0.30	1.1	5			05/21/2016 15:47	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.10	ug/L	0.10	0.33	5			05/21/2016 15:47	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.85	5			05/21/2016 15:47	RLD	EPA 8260C
1,1-Dichloroethane	12	ug/L	0.30	0.95	5			05/21/2016 15:47	RLD	EPA 8260C
1,1-Dichloroethene	4.4	ug/L	0.35	1.2	5			05/21/2016 15:47	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	0.95	5			05/21/2016 15:47	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.80	5			05/21/2016 15:47	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.20	ug/L	0.20	0.65	5			05/21/2016 15:47	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.20	ug/L	0.20	0.65	5			05/21/2016 15:47	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.25	ug/L	0.25	0.85	5			05/21/2016 15:47	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.15	ug/L	0.15	0.50	5			05/21/2016 15:47	RLD	EPA 8260C
1,2-Dibromoethane	<0.20	ug/L	0.20	0.70	5			05/21/2016 15:47	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	0.95	5			05/21/2016 15:47	RLD	EPA 8260C
1,2-Dichloroethane	<0.20	ug/L	0.20	0.70	5			05/21/2016 15:47	RLD	EPA 8260C
1,2-Dichloropropane	<0.30	ug/L	0.30	1.0	5			05/21/2016 15:47	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	5			05/21/2016 15:47	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.1	5			05/21/2016 15:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722488 Sample Description: MW-12S

License/Well #: 4189/020 Sampled: 05/11/2016 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,3-Dichloropropane	<0.20	ug/L	0.20	0.65	5			05/21/2016 15:47	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.80	5			05/21/2016 15:47	RLD	EPA 8260C
2,2-Dichloropropane	<0.20	ug/L	0.20	0.60	5			05/21/2016 15:47	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	5			05/21/2016 15:47	RLD	EPA 8260C
2-Chlorotoluene	<0.30	ug/L	0.30	0.95	5			05/21/2016 15:47	RLD	EPA 8260C
2-Hexanone	<2.0	ug/L	2.0	7.0	5			05/21/2016 15:47	RLD	EPA 8260C
4-Chlorotoluene	<0.25	ug/L	0.25	0.90	5			05/21/2016 15:47	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.0	ug/L	2.0	7.0	5			05/21/2016 15:47	RLD	EPA 8260C
Acetone	100	ug/L	4.5	16	5	B		05/21/2016 15:47	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	0.90	5			05/21/2016 15:47	RLD	EPA 8260C
Bromobenzene	<0.20	ug/L	0.20	0.70	5			05/21/2016 15:47	RLD	EPA 8260C
Bromochloromethane	<0.085	ug/L	0.085	0.29	5			05/21/2016 15:47	RLD	EPA 8260C
Bromodichloromethane	<0.085	ug/L	0.085	0.29	5			05/21/2016 15:47	RLD	EPA 8260C
Bromoform	<0.090	ug/L	0.090	0.30	5			05/21/2016 15:47	RLD	EPA 8260C
Bromomethane	<0.45	ug/L	0.45	1.5	5			05/21/2016 15:47	RLD	EPA 8260C
Carbon disulfide	<0.55	ug/L	0.55	1.9	5			05/21/2016 15:47	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	5			05/21/2016 15:47	RLD	EPA 8260C
Chlorobenzene	<0.20	ug/L	0.20	0.70	5			05/21/2016 15:47	RLD	EPA 8260C
Chloroethane	<0.30	ug/L	0.30	1.1	5			05/21/2016 15:47	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.0	5			05/21/2016 15:47	RLD	EPA 8260C
Chloromethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 15:47	RLD	EPA 8260C
cis-1,2-Dichloroethene	22	ug/L	0.30	1.1	5			05/21/2016 15:47	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.075	ug/L	0.075	0.25	5			05/21/2016 15:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722488 Sample Description: MW-12S

License/Well #: 4189/020 Sampled: 05/11/2016 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
Dibromochloromethane	<0.080	ug/L	0.080	0.27	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	0.95	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Dichlorodifluoromethane	<0.30	ug/L	0.30	0.95	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Diisopropyl ether	<0.20	ug/L	0.20	0.75	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Hexachlorobutadiene	<0.35	ug/L	0.35	1.2	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Isopropylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
m & p-Xylene	<0.60	ug/L	0.60	2.0	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Methyl tert-butyl ether	<0.20	ug/L	0.20	0.75	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Methylene chloride	1.4	ug/L	0.30	1.1	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
n-Butylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
n-Propylbenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Naphthalene	<0.25	ug/L	0.25	0.90	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
o-Xylene	<0.25	ug/L	0.25	0.80	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
sec-Butylbenzene	<0.25	ug/L	0.25	0.90	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Styrene	<0.25	ug/L	0.25	0.75	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
tert-Butylbenzene	<0.30	ug/L	0.30	0.95	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Tetrachloroethene	<0.30	ug/L	0.30	1.0	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	11	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
trans-1,2-Dichloroethene	6.8	ug/L	0.30	1.0	5		05/21/2016 15:47	15:47	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.070	ug/L	0.070	0.24	5		05/21/2016 15:47	15:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722488 Sample Description: MW-12S License/Well #: 4189/020 Sampled: 05/11/2016 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
Trichloroethene	48	ug/L	0.15	0.50	5			05/21/2016 15:47	RLD	EPA 8260C
Trichlorofluoromethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 15:47	RLD	EPA 8260C
Vinyl acetate	<2.5	ug/L	2.5	8.0	5			05/21/2016 15:47	RLD	EPA 8260C
Vinyl chloride	0.79	ug/L	0.080	0.26	5			05/21/2016 15:47	RLD	EPA 8260C

CT LAB Sample#: 722490 Sample Description: MW-12B License/Well #: 4189/022 Sampled: 05/11/2016 1630

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.93	mg/L	N/A	N/A	1			05/11/2016 00:00	SUB	
OX/REDOX (Field)	163	MV	N/A	N/A	1			05/11/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Conductivity (Field)	910	umhos/cm	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
pH (Field)	8.39	S.U.	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Temperature (Field)	12.46	Deg. C	N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/11/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	310	mg/L	5.0	18	1			05/12/2016 16:52	MER	EPA 310.2
Total Chloride	140	mg/L	3.5	12	5			05/18/2016 15:26	JJF	EPA 9056A
Total Sulfate	30	mg/L	2.5	9.0	5			05/18/2016 15:26	JJF	EPA 9056A
Total Organic Carbon	0.75	mg/L	0.50 *	1.7	1			05/23/2016 17:31	JJF	EPA 9060A

Metals Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722490 Sample Description: MW-12B

License/Well #: 4189/022 Sampled: 05/11/2016 1630

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Iron	<0.020	mg/L	0.020	0.065	1		05/16/2016 10:00	05/17/2016 14:19	NAH	EPA 6010C
Total Manganese	1.4	ug/L	1.4 *	4.7	1		05/16/2016 10:00	05/17/2016 14:19	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 17:28	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 17:28	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 17:28	AMA	Mod RSK 175
Methane	3.0	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 17:28	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 23:03	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 23:03	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 23:03	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 23:03	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 23:03	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 23:03	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 23:03	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 23:03	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 23:03	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 23:03	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 23:03	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 23:03	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 23:03	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 23:03	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 23:03	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 23:03	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 23:03	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722490 Sample Description: MW-12B

License/Well #: 4189/022 Sampled: 05/11/2016 1630

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 23:03	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 23:03	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 23:03	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 23:03	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 23:03	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 23:03	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 23:03	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 23:03	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 23:03	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 23:03	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 23:03	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 23:03	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 23:03	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 23:03	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 23:03	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 23:03	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 23:03	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 23:03	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 23:03	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 23:03	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 23:03	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 23:03	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 23:03	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 23:03	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 23:03	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722490 Sample Description: MW-12B

License/Well #: 4189/022 Sampled: 05/11/2016 1630

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 23:03	23:03	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016 23:03	23:03	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722490	Sample Description: MW-12B	License/Well #: 4189/022	Sampled: 05/11/2016 1630
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/19/2016 23:03	RLD	EPA 8260C

CT LAB Sample#: 722491	Sample Description: MW-12B	License/Well #: 4189/022	Sampled: 05/11/2016 1630
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/16/2016 14:10	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			05/16/2016 14:10	NAH	EPA 6010C

CT LAB Sample#: 722492	Sample Description: TB-2	License/Well #: 4189/999	Sampled: 05/11/2016
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:17	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/19/2016 18:17	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/19/2016 18:17	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/19/2016 18:17	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 18:17	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 18:17	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/19/2016 18:17	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 18:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722492	Sample Description: TB-2	License/Well #: 4189/999	Sampled: 05/11/2016
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/19/2016 18:17	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:17	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:17	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:17	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:17	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/19/2016 18:17	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 18:17	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/19/2016 18:17	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/19/2016 18:17	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 18:17	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:17	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/19/2016 18:17	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/19/2016 18:17	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/19/2016 18:17	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:17	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 18:17	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/19/2016 18:17	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/19/2016 18:17	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/19/2016 18:17	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/19/2016 18:17	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:17	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/19/2016 18:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722492	Sample Description: TB-2	License/Well #: 4189/999	Sampled: 05/11/2016
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:17	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:17	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/19/2016 18:17	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/19/2016 18:17	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/19/2016 18:17	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			05/19/2016 18:17	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 18:17	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			05/19/2016 18:17	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			05/19/2016 18:17	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			05/19/2016 18:17	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/19/2016 18:17	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:17	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/19/2016 18:17	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/19/2016 18:17	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/19/2016 18:17	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/19/2016 18:17	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/19/2016 18:17	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/19/2016 18:17	RLD	EPA 8260C
Tetrahydrofuran	1.1	ug/L	0.60 *	2.1	1	B,Z		05/19/2016 18:17	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 722492 Sample Description: TB-2 License/Well #: 4189/999 Sampled: 05/11/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Toluene	<0.060	ug/L	0.060	0.21	1		05/19/2016 18:17	18:17	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/19/2016 18:17	18:17	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/19/2016 18:17	18:17	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/19/2016 18:17	18:17	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/19/2016 18:17	18:17	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/19/2016 18:17	18:17	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/19/2016 18:17	18:17	RLD	EPA 8260C

CT LAB Sample#: 722493 Sample Description: MW-12S License/Well #: 4189/020 Sampled: 05/11/2016 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1		05/16/2016 14:17	14:17	NAH	EPA 6010C
Dissolved Manganese	104	ug/L	1.6	5.3	1		05/16/2016 14:17	14:17	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Reason for Revision Incorrect field data were provided for MW-12B.

Submitted by: Brett M. Szymanski
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 118945

**Project Name: WDNR OCONOMOWOC
 ELECTROPLATING**

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	125980	Analysis Date:	05/12/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	722428	Analysis Time:	16:32	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	363.0	mg/L			375.0	97	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	125980	Analysis Date:	05/12/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	722429	Analysis Time:	16:33	Prep Date/Time:		Method:	E310.2
Parent Sample #:		Analyst:	MER	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	5	mg/L		U	0			5	

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725459	Analysis Time:	09:33	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	14.81	mg/L			15.00	99	80 --- 120		
Sulfate	25.94	mg/L			25.00	104	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725460	Analysis Time:	10:07	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	0.7	mg/L		U	0		0.7		
Sulfate	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727250	Analysis Time:	12:52	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.27	mg/L			50.00	107	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727251	Analysis Time:	13:07	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	126035	Analysis Date:	05/16/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	724535	Analysis Time:	13:05	Prep Date/Time:	Method:	SW6010
Parent Sample #:	724534	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	3.84	mg/L	2.84		2.00	50	72 --- 113	11	18
Manganese	1030	ug/L	175		1000	86	67 --- 121	2	13

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126035	Analysis Date:	05/16/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	724534	Analysis Time:	12:59	Prep Date/Time:	Method:	SW6010
Parent Sample #:	722475	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	4.28	mg/L	2.84		2.00	72	72 --- 113		18
Manganese	1010	ug/L	175		1000	84	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126037	Analysis Date:	05/16/2016	Prep Batch #:	57245	Matrix:	LIQUID
CTLab #:	722769	Analysis Time:	15:41	Prep Date/Time:	05/13/2016 10:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.4640	mg/L			0.4000	116	80 --- 120		
Manganese	189.0	ug/L			200.0	94	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126037	Analysis Date:	05/16/2016	Prep Batch #:	57245	Matrix:	LIQUID
CTLab #:	722768	Analysis Time:	15:47	Prep Date/Time:	05/13/2016 10:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	LJF		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

Lab Control Spike Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725958	Analysis Time:	16:22	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.61	ug/L			4.00	90	74 --- 127		
1,1,1-Trichloroethane	3.85	ug/L			4.00	96	73 --- 132		
1,1,2,2-Tetrachloroethane	4.44	ug/L			4.00	111	67 --- 129		
1,1,2-Trichloroethane	4.15	ug/L			4.00	104	73 --- 129		
1,1-Dichloroethane	3.92	ug/L			4.00	98	73 --- 129		
1,1-Dichloroethene	4.09	ug/L			4.00	102	73 --- 132		
1,1-Dichloropropene	4.06	ug/L			4.00	102	75 --- 125		
1,2 Dichloroethane-d4	92.0	% Recovery			100	92.0	68 --- 120		
1,2,3-Trichlorobenzene	3.72	ug/L			4.00	93	72 --- 125		
1,2,3-Trichloropropane	4.26	ug/L			4.00	106	68 --- 136		
1,2,4-Trichlorobenzene	3.83	ug/L			4.00	96	67 --- 124		
1,2,4-Trimethylbenzene	3.89	ug/L			4.00	97	77 --- 123		
1,2-Dibromo-3-chloropropane	4.27	ug/L			4.00	107	56 --- 138		
1,2-Dibromoethane	4.21	ug/L			4.00	105	76 --- 127		
1,2-Dichlorobenzene	3.81	ug/L			4.00	95	82 --- 120		
1,2-Dichloroethane	4.10	ug/L			4.00	102	72 --- 134		
1,2-Dichloropropane	3.93	ug/L			4.00	98	76 --- 124		
1,3,5-Trimethylbenzene	3.92	ug/L			4.00	98	77 --- 124		
1,3-Dichlorobenzene	3.74	ug/L			4.00	94	81 --- 120		
1,3-Dichloropropane	4.17	ug/L			4.00	104	76 --- 125		
1,4-Dichlorobenzene	3.74	ug/L			4.00	94	80 --- 120		
2,2-Dichloropropane	3.78	ug/L			4.00	94	54 --- 144		
2-Butanone	47.6	ug/L			40.0	119	57 --- 144		
2-Chlorotoluene	3.98	ug/L			4.00	100	77 --- 123		
2-Hexanone	44.7	ug/L			40.0	112	61 --- 132		
4-Chlorotoluene	3.86	ug/L			4.00	96	76 --- 124		
4-Methyl-2-pentanone	47.6	ug/L			40.0	119	64 --- 135		
Acetone	47.9	ug/L			40.0	120	51 --- 152		
Benzene	3.90	ug/L			4.00	98	80 --- 122		
Bromobenzene	3.85	ug/L			4.00	96	81 --- 120		
Bromochloromethane	3.88	ug/L			4.00	97	78 --- 126		
Bromodichloromethane	3.80	ug/L			4.00	95	67 --- 132		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	3.88	ug/L			4.00	97	55 --- 132		
Bromomethane	4.31	ug/L			4.00	108	65 --- 141		
Carbon disulfide	8.37	ug/L			8.00	105	61 --- 140		
Carbon tetrachloride	3.89	ug/L			4.00	97	72 --- 133		
Chlorobenzene	3.81	ug/L			4.00	95	80 --- 122		
Chloroethane	4.10	ug/L			4.00	102	71 --- 134		
Chloroform	3.82	ug/L			4.00	96	73 --- 127		
Chloromethane	4.24	ug/L			4.00	106	72 --- 128		
cis-1,2-Dichloroethene	3.89	ug/L			4.00	97	76 --- 127		

Lab Control Spike Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725958	Analysis Time:	16:22	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.87	ug/L			4.00	97	72 --- 125		
d8-Toluene	99.0	% Recovery			100	99.0	71 --- 117		
Dibromochloromethane	3.83	ug/L			4.00	96	60 --- 131		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 121		
Dibromomethane	4.22	ug/L			4.00	106	76 --- 129		
Dichlorodifluoromethane	4.11	ug/L			4.00	103	64 --- 149		
Diisopropyl ether	4.00	ug/L			4.00	100	62 --- 137		
Ethylbenzene	3.88	ug/L			4.00	97	80 --- 121		
Hexachlorobutadiene	3.76	ug/L			4.00	94	71 --- 131		
Isopropylbenzene	3.82	ug/L			4.00	96	75 --- 122		
m & p-Xylene	7.71	ug/L			8.00	96	80 --- 121		
Methyl tert-butyl ether	4.15	ug/L			4.00	104	63 --- 135		
Methylene chloride	4.43	ug/L			4.00	111	38 --- 174		
n-Butylbenzene	4.12	ug/L			4.00	103	71 --- 125		
n-Propylbenzene	4.08	ug/L			4.00	102	76 --- 122		
Naphthalene	4.00	ug/L			4.00	100	64 --- 126		
o-Xylene	4.02	ug/L			4.00	100	77 --- 120		
p-Isopropyltoluene	4.09	ug/L			4.00	102	76 --- 122		
sec-Butylbenzene	4.12	ug/L			4.00	103	75 --- 122		
Styrene	3.88	ug/L			4.00	97	76 --- 121		
tert-Butylbenzene	3.99	ug/L			4.00	100	77 --- 120		
Tetrachloroethene	3.88	ug/L			4.00	97	75 --- 127		
Tetrahydrofuran	48.4	ug/L			40.0	121	60 --- 131		
Toluene	3.76	ug/L			4.00	94	80 --- 122		
trans-1,2-Dichloroethene	4.09	ug/L			4.00	102	68 --- 136		
trans-1,3-Dichloropropene	4.01	ug/L			4.00	100	65 --- 126		
Trichloroethene	3.83	ug/L			4.00	96	78 --- 126		
Trichlorofluoromethane	4.31	ug/L			4.00	108	70 --- 145		
Vinyl acetate	42.2	ug/L			40.0	106	38 --- 152		
Vinyl chloride	4.15	ug/L			4.00	104	71 --- 135		

Method Blank Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725994	Analysis Time:	17:20	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	100	% Recovery			100	100	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	17.8	ug/L			0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.05	ug/L		U	0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	125991	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725994	Analysis Time:	17:20	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	100	% Recovery			100	100	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.06	ug/L		U	0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.6	ug/L		U	0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	LIQUID
CTLab #:	725422	Analysis Time:	11:32	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.32	ug/L			3.06	76	70 --- 130		20
Ethane	4.85	ug/L			4.77	102	70 --- 130		20
Ethene	6.98	ug/L			6.79	103	65 --- 124		20
Methane	2.35	ug/L			2.29	103	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 118945

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	LIQUID
CTLab #:	725421	Analysis Time:	11:42	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.4	ug/L		U	0		0.4		
Ethene	0.5	ug/L		U	0		0.5		
Methane	0.4	ug/L		U	0		0.4		

Sample Condition Report

Folder #: 118945	Print Date / Time: 05/12/2016 11:16
Client: TETRA TECH	Received Date / Time / By: 05/12/2016 1034
Project Name: WDNR OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 05/12/2016 1052 BNA
Project Phase:	Project #: 117-7413001.01 PM: BMS
Coolers: 5308	Temperature: 2.9C On Ice: Y
Custody Seals Present :	COC Present?: Y Complete?: Y
Seal Intact? N	Numbers: NOT PRESENT
Ship Method: FEDEX	Tracking Number: 0201776321646785
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: THE SAMPLES WERE RECEIVED IN GOOD CONDITION ON ICE.

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
722472 MW-105S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type	(UNPRES PL) = 1		
722472 MW-105S	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	Total # of Containers of Type	(VOA HCL) = 3		
722472 MW-105S	HNO3	1	Y /	ICP
	Total # of Containers of Type	(HNO3) = 1		
722472 MW-105S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type	(H2SO4 PL) = 1		
722472 MW-105S	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	Total # of Containers of Type	(VOA HCL) = 3		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
722475 MW-105S	HNO3	1	Y /	ICP
	Total # of Containers of Type	(HNO3) = 1		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722476	MW-105S DUP	UNPRES PL	1	/	ALK,Anions
		Total # of Containers of Type		(UNPRES PL) = 1	
722476	MW-105S DUP	VOA HCL	1	/	GAS
		VOA HCL	1	/	GAS
		VOA HCL	1	/	GAS
		Total # of Containers of Type		(VOA HCL) = 3	
722476	MW-105S DUP	HNO3	1	Y /	ICP
		Total # of Containers of Type		(HNO3) = 1	
722476	MW-105S DUP	H2SO4 PL	1	Y /	TOC
		Total # of Containers of Type		(H2SO4 PL) = 1	
722476	MW-105S DUP	VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		Total # of Containers of Type		(VOA HCL) = 3	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
722477	MW-105S DUP	HNO3	1	Y /	ICP
		Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
722478	MW-105D	UNPRES PL	1	/	ALK,Anions
		Total # of Containers of Type		(UNPRES PL) = 1	
722478	MW-105D	VOA HCL	1	/	GAS
		VOA HCL	1	/	GAS
		VOA HCL	1	/	GAS
		Total # of Containers of Type		(VOA HCL) = 3	
722478	MW-105D	HNO3	1	Y /	ICP
		Total # of Containers of Type		(HNO3) = 1	
722478	MW-105D	H2SO4 PL	1	Y /	TOC
		Total # of Containers of Type		(H2SO4 PL) = 1	
722478	MW-105D	VOA HCL	1	/	VOC

VOA HCL 1 / VOC
 VOA HCL 1 / VOC
Total # of Containers of Type (VOA HCL) = 3

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722479	MW-105D	HNO3	1 Y /	ICP
Total # of Containers of Type (HNO3) = 1				

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722480	MW-105B	UNPRES PL	1 /	ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1				

722480	MW-105B	VOA HCL	1 /	GAS
		VOA HCL	1 /	GAS
		VOA HCL	1 /	GAS
Total # of Containers of Type (VOA HCL) = 3				

722480	MW-105B	HNO3	1 Y /	ICP
Total # of Containers of Type (HNO3) = 1				

722480	MW-105B	H2SO4 PL	1 Y /	TOC
Total # of Containers of Type (H2SO4 PL) = 1				

722480	MW-105B	VOA HCL	1 /	VOC
		VOA HCL	1 /	VOC
		VOA HCL	1 /	VOC
Total # of Containers of Type (VOA HCL) = 3				

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722481	MW-105B	HNO3	1 Y /	ICP
Total # of Containers of Type (HNO3) = 1				

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722482	MW-9S	UNPRES PL	1 /	ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1				

722482	MW-9S	VOA HCL	1 /	GAS
		VOA HCL	1 /	GAS
		VOA HCL	1 /	GAS
Total # of Containers of Type (VOA HCL) = 3				

722482	MW-9S	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) = 1			

722482	MW-9S	H2SO4 PL	1	Y	/	TOC
		Total # of Containers of Type	(H2SO4 PL) = 1			

722482	MW-9S	VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		Total # of Containers of Type	(VOA HCL) = 3			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722483	MW-9S	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722484	MW-5D	UNPRES PL	1		/	ALK,Anions
		Total # of Containers of Type	(UNPRES PL) = 1			

722484	MW-5D	VOA HCL	1		/	GAS
		VOA HCL	1		/	GAS
		VOA HCL	1		/	GAS
		Total # of Containers of Type	(VOA HCL) = 3			

722484	MW-5D	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) = 1			

722484	MW-5D	H2SO4 PL	1	Y	/	TOC
		Total # of Containers of Type	(H2SO4 PL) = 1			

722484	MW-5D	VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		Total # of Containers of Type	(VOA HCL) = 3			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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722485	MW-5D	HNO3	1	Y	/	ICP
		Total # of Containers of Type	(HNO3) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
722486 MW-12D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
722486 MW-12D	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	Total # of Containers of Type		(VOA HCL) = 3	
722486 MW-12D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
722486 MW-12D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
722486 MW-12D	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	VOA HCL	1	/	VOC
	Total # of Containers of Type		(VOA HCL) = 3	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
722487 MW-12D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
722488 MW-12S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
722488 MW-12S	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	VOA HCL	1	/	GAS
	Total # of Containers of Type		(VOA HCL) = 3	
722488 MW-12S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
722488 MW-12S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

722488	MW-12S	VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		Total # of Containers of Type	(VOA HCL) = 3		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
722490	MW-12B	UNPRES PL	1	/	ALK,Anions
		Total # of Containers of Type	(UNPRES PL) = 1		

722490	MW-12B	VOA HCL	1	/	GAS
		VOA HCL	1	/	GAS
		VOA HCL	1	/	GAS
		Total # of Containers of Type	(VOA HCL) = 3		

722490	MW-12B	HNO3	1	Y /	ICP
		Total # of Containers of Type	(HNO3) = 1		

722490	MW-12B	H2SO4 PL	1	Y /	TOC
		Total # of Containers of Type	(H2SO4 PL) = 1		

722490	MW-12B	VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		Total # of Containers of Type	(VOA HCL) = 3		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
722491	MW-12B	HNO3	1	Y /	ICP
		Total # of Containers of Type	(HNO3) = 1		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
722492	TB-2	Trip Blank	1	/	VOC
		Trip Blank	1	/	VOC
		Total # of Containers of Type	(Trip Blank) = 2		

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests	
722493	MW-12S	HNO3	1	Y /	ICP
		Total # of Containers of Type	(HNO3) = 1		

<u>Condition Code</u>	<u>Condition Description</u>
1	Sample Received OK

Company: Tetra Tech
 Project Contact: Mark Manthey
 Telephone: 262 792 1282
 Project Name: WDNR Economowoc Electropainting
 Project #: 117-7413001-01
 Location: Economowoc, WI
 Sampled By: Ashley Kowalski

LP *****
 Folder #: 118945
 Company: TETRA TECH
 Project: ECONOMOWOC ELEC
 Logged By: BNA PM BNA

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com
 am: RCRA SDWA NPDES
 Waste Other _____

Report To:
 EMAIL: mark.manthey@tetratech.com
 Company: Tetra Tech
 Address: 175 N Corporate Dr Suite 100
 Brookfield WI 53045
 Invoice To: *
 EMAIL:
 Company:
 Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions					Filtered? Y/N	ANALYSES REQUESTED												Total # Containers	Designated MS/MSD	Turnaround Time Normal RUSH* Date Needed: _____ Rush analysis requires prior CT Laboratories' approval Surcharges: 24 hr 200% 2-3 days 100% 4-9 days 50%
						TOC	ICP Dissolved	ICP total	alk chloride/sulfate	VOC 82100 low level	meth eth ethe	di								
Matrix: GW - groundwater SW - surface water WW - wastewater DW - drinking water S - soil/sediment SL - sludge A - air M - misc/waste																			CT Lab ID # Lab use only	
Collection		Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test														
Date	Time																			
5-11-16	1030	GW	grab		MW-105s	1	1	1	1	3	3								10	722472/722475
	1035				MW-105s Dup	1	1	1	1	3	3								10	722476/722477
	1120				MW-105D	1	1	1	1	3	3								10	722478/722479
	1150				MW-105B	1	1	1	1	3	3								10	722480/722481
	1320				MW-9S	1	1	1	1	3	3								10	722482/722483
	1425				MW-5D	1	1	1	1	3	3								10	722484/722485
	1520				MW-12D	1	1	1	1	3	3								10	722486/722487
	1600				MW-12S	1	*	1	1	3	3								10	722488/722493
	1630				MW-12B	1	1	1	1	3	3								10	722490/722491
					TB-2					2									2	722492

Relinquished By: <i>Ashley Kowalski</i>	Date/Time 1800 5-11-16	Received By:	Date/Time	Lab Use Only Ice Present <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Temp 2.9 IR Gun # 10 Cooler # 5308
Received by:	Date/Time	Received for Laboratory by: <i>[Signature]</i>	Date/Time 5-12-16 1652	

CT Laboratories Terms and Conditions

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephone (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples not meeting the acceptance criteria, outlined in the NELAC standards and Section 5.8.3.2 of the DOD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information; if unable to obtain the necessary information, the final report will be qualified. (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the laboratory cannot determine the identity of a sample, it will be rejected and the client will be contacted for further instructions or resampling. (3) be in an appropriate sample container. If the container is inappropriate, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservations for analytical methods requested. (4) adhere to specified holding times. If samples are received with less than 1/2 the holding time remaining for the requested test, CT Laboratories will make its best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified. (5) contain adequate sample volume to perform the necessary testing. If sufficient volume is not present, the sample will be rejected and the client will be contacted for further instructions or resampling.

1.2 CT Laboratories must be supplied with complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.

1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or result delivery data may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.

3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or acceleration in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.

3.3 Suspension or termination of all or any part of the work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manuals then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.

4.2 CTL shall start preparation and/or analysis within holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with CTL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.

4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.

4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.

4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL, will be limited to repeating any services performed, contingent on the Client's providing, at the request of CTL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If resampling is necessary, CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars (\$150) per sample, whichever is less.

4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.

4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.

5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.

5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to independently defend its data.

5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurance are those of the subcontracted laboratory.

5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).

5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for five (5) years.

5.7 In the event that CTL is required to respond to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/aggregate), Comprehensive Automobile Liability, owned and hired, (\$1,000,000 combined single limit), and Professional/Pollution Liability Insurance (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.

7. AUDIT

7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

Cooler Receipt Form

Ice Present YES NO
Temperature 2.9
IR Gun # 10
Initials BNA
Date 5-12-16 Time 1034
Cooler #: 5308

Page 1 of 1

ORIGIN ID: RRLA (262) 792-1282
ASHLEY KOWALEWSKI
GEOTRANS INC
175 N CORPORATE DRIVE
STE. 100
BROOKFIELD, WI 53045
UNITED STATES US

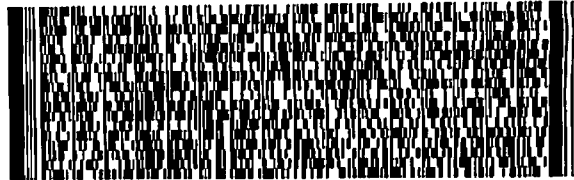
SHIP DATE: 11MAY16
ACTWGT: 60.00 LB
CAD: 1104355/NET13730
DIMS: 24x14x15 IN
BILL SENDER

TO **PATRICK LETTERER**
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913

(608) 356-2760 REF. 117-7413001.01
INV. DEPT
PO

540.1163231727F



THU - 12 MAY 10:30A

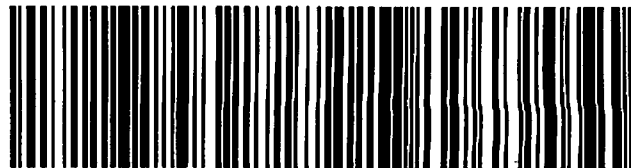
PRIORITY OVERNIGHT

TRK# 7763 2164 6785
0201

DSR

55 MSNA

53913
WI-US MSN



Szymanski, Brett M

From: Manthey, Mark <Mark.Manthey@tetrattech.com>
Sent: 06/16/2016 17:34
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Yes, the value is wrong. The DO value for MW-12M should be 0.93

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

Tetra Tech | Complex World, **Clear Solutions**™
175 N. Corporate Drive | Suite 100 | Brookfield, WI 53045 | www.tetrattech.com



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From: Szymanski, Brett M [mailto:BSzymanski@ctlaboratories.com]
Sent: Thursday, June 16, 2016 4:58 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

In looking at the field data, I'm assuming the DO for MW-12B is also incorrect? It looks like a conductivity reading.

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [mailto:Mark.Manthey@tetrattech.com]
Sent: 06/16/2016 4:49 PM

To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Sorry again!

Found another error for the Dissolved Oxygen value for the TW-2021 sample (Sample ID = 75710). The correct DO value is 2.55 mg/L

725710	TW-2021	Dissolved Oxygen (Field)	mg/L	5/18/2016	2.55
--------	---------	--------------------------	------	-----------	------

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

Tetra Tech | Complex World, **Clear Solutions**™
175 N. Corporate Drive | Suite 100 | Brookfield, WI 53045 | www.tetrattech.com



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From: Szymanski, Brett M [<mailto:BSzymanski@ctlaboratories.com>]
Sent: Thursday, June 16, 2016 4:44 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

I'll get these field data updated with the correct information and send out revised analytical reports and EDDs by Monday, June 20th.

Have a good afternoon,

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [<mailto:Mark.Manthey@tetrattech.com>]
Sent: 06/16/2016 4:41 PM
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Hi Brett,

Sorry about this, but I found another error in the field parameters data I sent you. It is for the MW-101S sample. The correct field data is listed below:

Sample	Well ID	Analyte	Units	Date	Result
721951	MW-101S	Color (Field)		5/10/2016	Clear
721951	MW-101S	Conductivity (Field)	umhos/cm	5/10/2016	3180
721951	MW-101S	Dissolved Oxygen (Field)	mg/L	5/10/2016	2.62
721951	MW-101S	OX/REDOX (Field)	MV	5/10/2016	336
721951	MW-101S	pH (Field)	S.U.	5/10/2016	6.82
721951	MW-101S	Temperature (Field)	Deg. C	5/10/2016	9.98
721951	MW-101S	Turbidity (Field)		5/10/2016	clear

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Manthey, Mark
Sent: Thursday, June 16, 2016 11:28 AM
To: 'BSzymanski@ctlaboratories.com' <BSzymanski@ctlaboratories.com>
Subject: Correct field parameters data for MW-13S sample

Brett,

Per our telephone conversation, below are the correct field parameters readings for the MW-13S sample:

Sample Date: 5/13/2016

Field Parameters

Dissolved Oxygen (DO) = 3.78 mg/L

Oxidation Reduction Potential = 130 millivolts

pH = 7.35

Specific Conductivity = 832 umhos/cm

Temperature = 12.29 deg-C

Turbidity = 30.2 ntu

Thanks.

Mark A. Manthey, P.G. | Associate Hydrogeologist

Office: 262-792-1282 ext. 271 | Fax: 262-792-1310

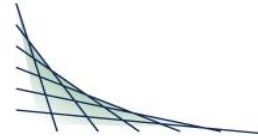
Mark.Manthey@tetrattech.com

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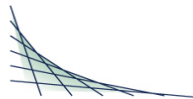
ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.





**REVISED
ANALYTICAL REPORT**

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: WDNR OCONOMOWOC ELECTROPLATING
Project Phase:
Contract #: 2747
Project #: 117-7413001.01
Folder #: 119012
Purchase Order #:

Page 1 of 36
Arrival Temperature: 2.1
Report Date: 05/27/2016
Date Received: 05/14/2016
Reprint Date: 06/17/2016
Revision Date 06/17/2016

CT LAB Sample#: 723493	Sample Description: MW-102S	License/Well #: 4189/037	Sampled: 05/13/2016 1030
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	6.79	mg/L	N/A	N/A	1		05/13/2016 00:00	00:00	SUB	
OX/REDOX (Field)	356	MV	N/A	N/A	1		05/13/2016 00:00	00:00	SUB	
Color (Field)	clear		N/A	N/A	1		05/13/2016 00:00	00:00	SUB	FIELD
Conductivity (Field)	1230	umhos/cm	N/A	N/A	1		05/13/2016 00:00	00:00	SUB	FIELD
pH (Field)	7.14	S.U.	N/A	N/A	1		05/13/2016 00:00	00:00	SUB	FIELD
Temperature (Field)	12.17	Deg. C	N/A	N/A	1		05/13/2016 00:00	00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1		05/13/2016 00:00	00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	350	mg/L	5.0	18	1		05/20/2016 15:33	15:33	LJS	EPA 310.2
Total Chloride	220	mg/L	7.0	24	10		05/18/2016 15:44	15:44	JJF	EPA 9056A
Total Sulfate	28	mg/L	0.50	1.8	1		05/19/2016 02:58	02:58	JJF	EPA 9056A
Total Organic Carbon	0.97	mg/L	0.50 *	1.7	1		05/23/2016 17:42	17:42	JJF	EPA 9060A
Metals Results										
Total Iron	<0.020	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 15:06	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723493 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 05/13/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Manganese	<1.4	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 15:06	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 17:38	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 17:38	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 17:38	AMA	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 17:38	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:27	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:27	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 14:27	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 14:27	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:27	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 14:27	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:27	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 14:27	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 14:27	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 14:27	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 14:27	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 14:27	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:27	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:27	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:27	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:27	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:27	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723493 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 05/13/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 14:27	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 14:27	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 14:27	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 14:27	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:27	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 14:27	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:27	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 14:27	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 14:27	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 14:27	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:27	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 14:27	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 14:27	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 14:27	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 14:27	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 14:27	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:27	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:27	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:27	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:27	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:27	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:27	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 14:27	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/20/2016 14:27	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723493 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 05/13/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	14:27	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	14:27	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	14:27	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	14:27	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	14:27	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	14:27	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	14:27	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	14:27	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	14:27	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	14:27	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	14:27	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	14:27	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	14:27	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	14:27	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	14:27	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016	14:27	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	14:27	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/20/2016	14:27	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	14:27	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	14:27	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016	14:27	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/20/2016	14:27	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	14:27	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016	14:27	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/20/2016	14:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723494 Sample Description: MW-102S

License/Well #: 4189/037 Sampled: 05/13/2016 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/17/2016 14:26	NAH	EPA 6010C
Dissolved Manganese	<1.6	ug/L	1.6	5.3	1			05/17/2016 14:26	NAH	EPA 6010C

CT LAB Sample#: 723495 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 05/13/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/13/2016 00:00	SUB	
OX/REDOX (Field)	-129	MV	N/A	N/A	1			05/13/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Conductivity (Field)	709	umhos/cm	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
pH (Field)	7.35	S.U.	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Temperature (Field)	13.52	Deg. C	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD

Inorganic Results

Alkalinity Total	440	mg/L	5.0	18	1			05/20/2016 15:35	LJS	EPA 310.2
Total Chloride	8.7	mg/L	0.70	2.4	1			05/18/2016 16:03	JJF	EPA 9056A
Total Sulfate	2.3	mg/L	0.50	1.8	1			05/18/2016 16:03	JJF	EPA 9056A
Total Organic Carbon	1.3	mg/L	0.50 *	1.7	1			05/23/2016 17:54	JJF	EPA 9060A

Metals Results

Total Iron	2.14	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 15:32	NAH	EPA 6010C
Total Manganese	410	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 15:32	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723495 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 05/13/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 17:47	AMA	Mod RSK 175
Ethane	0.93	ug/L	0.40 *	1.2	1		05/19/2016 08:30	05/19/2016 17:47	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 17:47	AMA	Mod RSK 175
Methane	920	ug/L	80	240	200		05/19/2016 08:30	05/19/2016 18:18	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 14:55	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 14:55	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 14:55	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 14:55	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 14:55	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 14:55	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 14:55	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 14:55	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:55	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:55	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:55	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:55	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 14:55	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 14:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723495 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 05/13/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 14:55	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 14:55	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 14:55	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 14:55	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 14:55	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:55	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 14:55	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 14:55	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 14:55	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 14:55	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 14:55	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:55	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 14:55	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:55	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 14:55	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/20/2016 14:55	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 14:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723495 Sample Description: MW-15B

License/Well #: 4189/034 Sampled: 05/13/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			05/20/2016 14:55	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 14:55	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			05/20/2016 14:55	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 14:55	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 14:55	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 14:55	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/20/2016 14:55	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/20/2016 14:55	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 14:55	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:55	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			05/20/2016 14:55	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 14:55	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 14:55	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/20/2016 14:55	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			05/20/2016 14:55	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 14:55	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/20/2016 14:55	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/20/2016 14:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723496 Sample Description: MW-15B License/Well #: 4189/034 Sampled: 05/13/2016 1125

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	2.33	mg/L	0.010	0.032	1			05/17/2016 14:32	NAH	EPA 6010C
Dissolved Manganese	442	ug/L	1.6	5.3	1			05/17/2016 14:32	NAH	EPA 6010C

CT LAB Sample#: 723497 Sample Description: MW-15S License/Well #: 4189/033 Sampled: 05/13/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	4.97	mg/L	N/A	N/A	1			05/13/2016 00:00	SUB	
OX/REDOX (Field)	228	MV	N/A	N/A	1			05/13/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Conductivity (Field)	826	umhos/cm	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
pH (Field)	7.45	S.U.	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Temperature (Field)	15.77	Deg. C	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	310	mg/L	5.0	18	1			05/20/2016 15:37	LJS	EPA 310.2
Total Chloride	120	mg/L	3.5	12	5			05/18/2016 16:22	JJF	EPA 9056A
Total Sulfate	19	mg/L	2.5	9.0	5			05/18/2016 16:22	JJF	EPA 9056A
Total Organic Carbon	2.5	mg/L	0.50	1.7	1			05/23/2016 18:54	JJF	EPA 9060A

Metals Results										
Total Iron	<0.020	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 15:39	NAH	EPA 6010C
Total Manganese	10.4	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 15:39	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723497 Sample Description: MW-15S

License/Well #: 4189/033 Sampled: 05/13/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 18:31	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 18:31	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 18:31	AMA	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 18:31	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 15:25	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 15:25	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 15:25	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 15:25	RLD	EPA 8260C
1,1-Dichloroethane	0.074	ug/L	0.060 *	0.19	1			05/20/2016 15:25	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 15:25	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:25	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 15:25	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 15:25	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 15:25	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 15:25	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 15:25	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:25	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:25	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:25	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:25	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:25	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 15:25	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 15:25	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 15:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723497 Sample Description: MW-15S

License/Well #: 4189/033 Sampled: 05/13/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 15:25	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 15:25	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:25	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 15:25	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 15:25	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 15:25	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 15:25	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 15:25	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:25	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 15:25	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 15:25	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 15:25	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 15:25	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 15:25	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:25	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:25	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 15:25	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:25	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 15:25	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.16	ug/L	0.060 *	0.21	1			05/20/2016 15:25	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 15:25	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/20/2016 15:25	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:25	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:25	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 15:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723497 Sample Description: MW-15S

License/Well #: 4189/033 Sampled: 05/13/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:25	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	15:25	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	15:25	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	15:25	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	15:25	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:25	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	15:25	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	15:25	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	15:25	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	15:25	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:25	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	15:25	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	15:25	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016	15:25	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	15:25	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1	B	05/20/2016	15:25	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:25	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	15:25	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016	15:25	RLD	EPA 8260C
Trichloroethene	0.098	ug/L	0.030 *	0.10	1		05/20/2016	15:25	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	15:25	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016	15:25	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/20/2016	15:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723498 Sample Description: MW-15S License/Well #: 4189/033 Sampled: 05/13/2016 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/17/2016 14:39	NAH	EPA 6010C
Dissolved Manganese	4.5	ug/L	1.6 *	5.3	1			05/17/2016 14:39	NAH	EPA 6010C

CT LAB Sample#: 723499 Sample Description: MW-15D License/Well #: 4189/025 Sampled: 05/13/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/13/2016 00:00	SUB	
OX/REDOX (Field)	158	MV	N/A	N/A	1			05/13/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Conductivity (Field)	1140	umhos/cm	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
pH (Field)	7.19	S.U.	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Temperature (Field)	15.91	Deg. C	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	370	mg/L	5.0	18	1			05/20/2016 15:38	LJS	EPA 310.2
Total Chloride	210	mg/L	7.0	24	10			05/19/2016 09:04	JJF	EPA 9056A
Total Sulfate	45	mg/L	2.5	9.0	5			05/18/2016 16:41	JJF	EPA 9056A
Total Organic Carbon	2.9	mg/L	0.50	1.7	1			05/23/2016 19:06	JJF	EPA 9060A

Metals Results										
Total Iron	0.147	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 15:46	NAH	EPA 6010C
Total Manganese	226	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 15:46	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723499 Sample Description: MW-15D

License/Well #: 4189/025 Sampled: 05/13/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 18:40	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 18:40	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 18:40	AMA	Mod RSK 175
Methane	2.8	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 18:40	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 15:53	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 15:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 15:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 15:53	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:53	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 15:53	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 15:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 15:53	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 15:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 15:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 15:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:53	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:53	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:53	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:53	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 15:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 15:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 15:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723499 Sample Description: MW-15D

License/Well #: 4189/025 Sampled: 05/13/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 15:53	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 15:53	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:53	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 15:53	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 15:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 15:53	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 15:53	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 15:53	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 15:53	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 15:53	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 15:53	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 15:53	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 15:53	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 15:53	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:53	RLD	EPA 8260C
Chlorobenzene	0.28	ug/L	0.040	0.14	1			05/20/2016 15:53	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 15:53	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 15:53	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 15:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	3.9	ug/L	0.060	0.21	1			05/20/2016 15:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 15:53	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/20/2016 15:53	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:53	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 15:53	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 15:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723499 Sample Description: MW-15D

License/Well #: 4189/025 Sampled: 05/13/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	15:53	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	15:53	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	15:53	RLD	EPA 8260C
Methyl tert-butyl ether	0.043	ug/L	0.040 *	0.15	1		05/20/2016	15:53	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:53	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	15:53	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	15:53	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	15:53	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	15:53	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:53	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	15:53	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	15:53	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016	15:53	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	15:53	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/20/2016	15:53	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	15:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.19	ug/L	0.060 *	0.20	1		05/20/2016	15:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016	15:53	RLD	EPA 8260C
Trichloroethene	12	ug/L	0.030	0.10	1		05/20/2016	15:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	15:53	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016	15:53	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/20/2016	15:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723500 Sample Description: MW-15D License/Well #: 4189/025 Sampled: 05/13/2016 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/17/2016 14:46	NAH	EPA 6010C
Dissolved Manganese	225	ug/L	1.6	5.3	1			05/17/2016 14:46	NAH	EPA 6010C

CT LAB Sample#: 723501 Sample Description: MW-16S License/Well #: 4189/026 Sampled: 05/13/2016 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/13/2016 00:00	SUB	
OX/REDOX (Field)	-73	MV	N/A	N/A	1			05/13/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Conductivity (Field)	2730	umhos/cm	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
pH (Field)	7.01	S.U.	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Temperature (Field)	15.36	Deg. C	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	730	mg/L	5.0	18	1			05/20/2016 15:39	LJS	EPA 310.2
Total Chloride	250	mg/L	14	48	20			05/18/2016 16:59	JJF	EPA 9056A
Total Sulfate	950	mg/L	10	36	20			05/18/2016 16:59	JJF	EPA 9056A
Total Organic Carbon	4.8	mg/L	0.50	1.7	1			05/23/2016 19:21	JJF	EPA 9060A

Metals Results										
Total Iron	6.77	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 15:53	NAH	EPA 6010C
Total Manganese	58.3	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 15:53	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723501 Sample Description: MW-16S

License/Well #: 4189/026 Sampled: 05/13/2016 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/19/2016 08:30	05/19/2016 18:49	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/19/2016 08:30	05/19/2016 18:49	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/19/2016 08:30	05/19/2016 18:49	AMA	Mod RSK 175
Methane	19	ug/L	0.80	2.4	2		05/19/2016 08:30	05/19/2016 19:02	AMA	Mod RSK 175
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:13	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.1	10			05/21/2016 17:13	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.20	0.65	10			05/21/2016 17:13	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.7	10			05/21/2016 17:13	RLD	EPA 8260C
1,1-Dichloroethane	<0.60	ug/L	0.60	1.9	10			05/21/2016 17:13	RLD	EPA 8260C
1,1-Dichloroethene	0.81	ug/L	0.70 *	2.3	10			05/21/2016 17:13	RLD	EPA 8260C
1,1-Dichloropropene	<0.60	ug/L	0.60	1.9	10			05/21/2016 17:13	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.6	10			05/21/2016 17:13	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.3	10			05/21/2016 17:13	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	10			05/21/2016 17:13	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	10			05/21/2016 17:13	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	10			05/21/2016 17:13	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	10			05/21/2016 17:13	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	10			05/21/2016 17:13	RLD	EPA 8260C
1,2-Dichloroethane	2.5	ug/L	0.40	1.4	10			05/21/2016 17:13	RLD	EPA 8260C
1,2-Dichloropropane	<0.60	ug/L	0.60	2.0	10			05/21/2016 17:13	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.60	ug/L	0.60	2.0	10			05/21/2016 17:13	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.60	ug/L	0.60	2.1	10			05/21/2016 17:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723501 Sample Description: MW-16S

License/Well #: 4189/026 Sampled: 05/13/2016 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	10			05/21/2016 17:13	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	10			05/21/2016 17:13	RLD	EPA 8260C
2,2-Dichloropropane	<0.40	ug/L	0.40	1.2	10			05/21/2016 17:13	RLD	EPA 8260C
2-Butanone	<8.0	ug/L	8.0	28	10			05/21/2016 17:13	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.9	10			05/21/2016 17:13	RLD	EPA 8260C
2-Hexanone	<4.0	ug/L	4.0	14	10			05/21/2016 17:13	RLD	EPA 8260C
4-Chlorotoluene	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:13	RLD	EPA 8260C
4-Methyl-2-pentanone	<4.0	ug/L	4.0	14	10			05/21/2016 17:13	RLD	EPA 8260C
Acetone	240	ug/L	9.0	31	10	B		05/21/2016 17:13	RLD	EPA 8260C
Benzene	<0.60	ug/L	0.60	1.8	10			05/21/2016 17:13	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.4	10			05/21/2016 17:13	RLD	EPA 8260C
Bromochloromethane	<0.17	ug/L	0.17	0.58	10			05/21/2016 17:13	RLD	EPA 8260C
Bromodichloromethane	<0.17	ug/L	0.17	0.58	10			05/21/2016 17:13	RLD	EPA 8260C
Bromoform	<0.18	ug/L	0.18	0.60	10			05/21/2016 17:13	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	2.9	10			05/21/2016 17:13	RLD	EPA 8260C
Carbon disulfide	<1.1	ug/L	1.1	3.8	10			05/21/2016 17:13	RLD	EPA 8260C
Carbon tetrachloride	<0.60	ug/L	0.60	2.0	10			05/21/2016 17:13	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.4	10			05/21/2016 17:13	RLD	EPA 8260C
Chloroethane	<0.60	ug/L	0.60	2.1	10			05/21/2016 17:13	RLD	EPA 8260C
Chloroform	<0.60	ug/L	0.60	2.0	10			05/21/2016 17:13	RLD	EPA 8260C
Chloromethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:13	RLD	EPA 8260C
cis-1,2-Dichloroethene	630	ug/L	12	42	200			05/20/2016 19:41	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.15	ug/L	0.15	0.49	10			05/21/2016 17:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723501 Sample Description: MW-16S

License/Well #: 4189/026 Sampled: 05/13/2016 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
Dibromochloromethane	<0.16	ug/L	0.16	0.54	10		05/21/2016	17:13	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	1.9	10		05/21/2016	17:13	RLD	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	1.9	10		05/21/2016	17:13	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.5	10		05/21/2016	17:13	RLD	EPA 8260C
Ethylbenzene	<0.60	ug/L	0.60	2.1	10		05/21/2016	17:13	RLD	EPA 8260C
Hexachlorobutadiene	<0.70	ug/L	0.70	2.4	10		05/21/2016	17:13	RLD	EPA 8260C
Isopropylbenzene	<0.50	ug/L	0.50	1.7	10		05/21/2016	17:13	RLD	EPA 8260C
m & p-Xylene	<1.2	ug/L	1.2	4.0	10		05/21/2016	17:13	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	10		05/21/2016	17:13	RLD	EPA 8260C
Methylene chloride	<0.60	ug/L	0.60	2.1	10		05/21/2016	17:13	RLD	EPA 8260C
n-Butylbenzene	<0.50	ug/L	0.50	1.7	10		05/21/2016	17:13	RLD	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.6	10		05/21/2016	17:13	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.8	10		05/21/2016	17:13	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.6	10		05/21/2016	17:13	RLD	EPA 8260C
p-Isopropyltoluene	<0.60	ug/L	0.60	2.1	10		05/21/2016	17:13	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.8	10		05/21/2016	17:13	RLD	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.5	10		05/21/2016	17:13	RLD	EPA 8260C
tert-Butylbenzene	<0.60	ug/L	0.60	1.9	10		05/21/2016	17:13	RLD	EPA 8260C
Tetrachloroethene	<0.60	ug/L	0.60	2.0	10		05/21/2016	17:13	RLD	EPA 8260C
Tetrahydrofuran	8.8	ug/L	6.0 *	21	10	Z	05/21/2016	17:13	RLD	EPA 8260C
Toluene	<0.60	ug/L	0.60	2.1	10		05/21/2016	17:13	RLD	EPA 8260C
trans-1,2-Dichloroethene	27	ug/L	0.60	2.0	10		05/21/2016	17:13	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.48	10		05/21/2016	17:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723501 Sample Description: MW-16S License/Well #: 4189/026 Sampled: 05/13/2016 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
Trichloroethene	<0.30	ug/L	0.30	1.0	10			05/21/2016 17:13	RLD	EPA 8260C
Trichlorofluoromethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:13	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	16	10			05/21/2016 17:13	RLD	EPA 8260C
Vinyl chloride	23	ug/L	0.16	0.52	10			05/21/2016 17:13	RLD	EPA 8260C

CT LAB Sample#: 723502 Sample Description: MW-16S License/Well #: 4189/026 Sampled: 05/13/2016 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	5.77	mg/L	0.010	0.032	1			05/17/2016 14:53	NAH	EPA 6010C
Dissolved Manganese	58.6	ug/L	1.6	5.3	1			05/17/2016 14:53	NAH	EPA 6010C

CT LAB Sample#: 723503 Sample Description: MW-13S License/Well #: 4189/023 Sampled: 05/13/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	3.78	mg/L	N/A	N/A	1			05/13/2016 00:00	SUB	
OX/REDOX (Field)	130	MV	N/A	N/A	1			05/13/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Conductivity (Field)	832	umhos/cm	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
pH (Field)	7.35	S.U.	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Temperature (Field)	12.29	Deg. C	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723503 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 05/13/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Turbidity (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	310	mg/L	5.0	18	1			05/20/2016 15:42	LJS	EPA 310.2
Total Chloride	120	mg/L	2.8	9.6	4			05/18/2016 23:32	JJF	EPA 9056A
Total Sulfate	17	mg/L	2.0	7.2	4			05/18/2016 23:32	JJF	EPA 9056A
Total Organic Carbon	2.9	mg/L	0.50	1.7	1			05/23/2016 19:33	JJF	EPA 9060A
Metals Results										
Total Iron	2.00	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 16:18	NAH	EPA 6010C
Total Manganese	28.3	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 16:18	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 11:03	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 11:03	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 11:03	AMA	Mod RSK 175
Methane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 11:03	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 16:22	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 16:22	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 16:22	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 16:22	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 16:22	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 16:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723503 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 05/13/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 16:22	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 16:22	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:22	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:22	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:22	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:22	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 16:22	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 16:22	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 16:22	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 16:22	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 16:22	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 16:22	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 16:22	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:22	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 16:22	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 16:22	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 16:22	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 16:22	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 16:22	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723503 Sample Description: MW-13S

License/Well #: 4189/023 Sampled: 05/13/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:22	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:22	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 16:22	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/20/2016 16:22	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 16:22	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			05/20/2016 16:22	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 16:22	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			05/20/2016 16:22	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 16:22	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 16:22	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 16:22	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/20/2016 16:22	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/20/2016 16:22	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:22	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723503 Sample Description: MW-13S License/Well #: 4189/023 Sampled: 05/13/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			05/20/2016 16:22	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:22	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:22	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/20/2016 16:22	RLD	EPA 8260C
Trichloroethene	0.051	ug/L	0.030 *	0.10	1			05/20/2016 16:22	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:22	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/20/2016 16:22	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/20/2016 16:22	RLD	EPA 8260C

CT LAB Sample#: 723504 Sample Description: MW-13S License/Well #: 4189/023 Sampled: 05/13/2016 1435

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0982	mg/L	0.010	0.032	1			05/17/2016 15:00	NAH	EPA 6010C
Dissolved Manganese	10.0	ug/L	1.6	5.3	1			05/17/2016 15:00	NAH	EPA 6010C

CT LAB Sample#: 723505 Sample Description: MW-13D License/Well #: 4189/032 Sampled: 05/13/2016 1515

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/13/2016 00:00	SUB	
OX/REDOX (Field)	-56	MV	N/A	N/A	1			05/13/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Conductivity (Field)	1140	umhos/cm	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723505 Sample Description: MW-13D

License/Well #: 4189/032 Sampled: 05/13/2016 1515

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
pH (Field)	7.20	S.U.	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Temperature (Field)	11.41	Deg. C	N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/13/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	360	mg/L	5.0	18	1			05/20/2016 15:43	LJS	EPA 310.2
Total Chloride	190	mg/L	7.0	24	10			05/19/2016 09:22	JJF	EPA 9056A
Total Sulfate	49	mg/L	5.0	18	10			05/19/2016 09:22	JJF	EPA 9056A
Total Organic Carbon	1.8	mg/L	0.50	1.7	1			05/23/2016 19:44	JJF	EPA 9060A
Metals Results										
Total Iron	3.62	mg/L	0.020	0.065	1		05/17/2016 13:00	05/18/2016 16:25	NAH	EPA 6010C
Total Manganese	28.5	ug/L	1.4	4.7	1		05/17/2016 13:00	05/18/2016 16:25	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 11:43	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 11:43	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 11:43	AMA	Mod RSK 175
Methane	28	ug/L	0.80	2.4	2		05/20/2016 09:05	05/20/2016 11:53	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:50	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:50	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 16:50	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 16:50	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:50	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 16:50	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:50	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 16:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723505 Sample Description: MW-13D

License/Well #: 4189/032 Sampled: 05/13/2016 1515

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 16:50	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 16:50	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 16:50	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 16:50	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:50	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:50	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:50	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:50	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:50	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:50	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 16:50	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 16:50	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 16:50	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 16:50	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:50	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 16:50	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:50	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 16:50	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 16:50	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 16:50	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 16:50	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 16:50	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 16:50	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 16:50	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 16:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723505 Sample Description: MW-13D

License/Well #: 4189/032 Sampled: 05/13/2016 1515

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/20/2016	16:50	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/20/2016	16:50	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	16:50	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/20/2016	16:50	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/20/2016	16:50	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	16:50	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.6	ug/L	0.060	0.21	1		05/20/2016	16:50	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/20/2016	16:50	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/20/2016	16:50	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	16:50	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	16:50	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	16:50	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	16:50	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	16:50	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	16:50	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	16:50	RLD	EPA 8260C
Methyl tert-butyl ether	0.53	ug/L	0.040	0.15	1		05/20/2016	16:50	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	16:50	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	16:50	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	16:50	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	16:50	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	16:50	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	16:50	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	16:50	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	16:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723505	Sample Description: MW-13D	License/Well #: 4189/032	Sampled: 05/13/2016 1515
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 16:50	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:50	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			05/20/2016 16:50	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 16:50	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 16:50	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/20/2016 16:50	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			05/20/2016 16:50	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 16:50	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/20/2016 16:50	RLD	EPA 8260C
Vinyl chloride	0.046	ug/L	0.016 *	0.052	1			05/20/2016 16:50	RLD	EPA 8260C

CT LAB Sample#: 723506	Sample Description: MW-13D	License/Well #: 4189/032	Sampled: 05/13/2016 1515
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.814	mg/L	0.010	0.032	1			05/17/2016 15:07	NAH	EPA 6010C
Dissolved Manganese	29.7	ug/L	1.6	5.3	1			05/17/2016 15:07	NAH	EPA 6010C

CT LAB Sample#: 723517	Sample Description: FILTER BLANK	License/Well #: 4189/997	Sampled: 05/13/2016 1550
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:58	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723517 Sample Description: FILTER BLANK

License/Well #: 4189/997 Sampled: 05/13/2016 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 13:58	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 13:58	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:58	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 13:58	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:58	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:58	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:58	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:58	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 13:58	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 13:58	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:58	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:58	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:58	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:58	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:58	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:58	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:58	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:58	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 13:58	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 13:58	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:58	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 13:58	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:58	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 13:58	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 13:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723517 Sample Description: FILTER BLANK

License/Well #: 4189/997 Sampled: 05/13/2016 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.060	ug/L	0.060	0.18	1		05/20/2016	13:58	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	13:58	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016	13:58	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016	13:58	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/20/2016	13:58	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/20/2016	13:58	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/20/2016	13:58	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:58	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	13:58	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:58	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:58	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:58	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:58	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/20/2016	13:58	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/20/2016	13:58	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:58	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:58	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	13:58	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:58	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	13:58	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	13:58	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	13:58	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	13:58	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:58	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	13:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723517 Sample Description: FILTER BLANK

License/Well #: 4189/997 Sampled: 05/13/2016 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:58	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:58	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:58	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:58	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:58	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/20/2016 13:58	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:58	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:58	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			05/20/2016 13:58	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:58	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:58	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/20/2016 13:58	RLD	EPA 8260C
Trichloroethene	0.087	ug/L	0.030 *	0.10	1			05/20/2016 13:58	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:58	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/20/2016 13:58	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/20/2016 13:58	RLD	EPA 8260C

CT LAB Sample#: 723518 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 05/13/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:01	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:01	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 13:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723518 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 05/13/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 13:01	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:01	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 13:01	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:01	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:01	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:01	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:01	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 13:01	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 13:01	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:01	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:01	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:01	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:01	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:01	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:01	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:01	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:01	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 13:01	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 13:01	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:01	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 13:01	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:01	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 13:01	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 13:01	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 13:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723518 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 05/13/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	13:01	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016	13:01	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016	13:01	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/20/2016	13:01	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/20/2016	13:01	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/20/2016	13:01	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:01	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	13:01	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:01	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:01	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:01	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:01	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/20/2016	13:01	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/20/2016	13:01	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:01	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:01	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	13:01	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:01	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	13:01	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	13:01	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	13:01	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	13:01	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:01	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	13:01	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	13:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 723518 Sample Description: TB-4

License/Well #: 4189/999 Sampled: 05/13/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:01	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	13:01	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:01	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:01	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	13:01	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:01	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:01	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/20/2016	13:01	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:01	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:01	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016	13:01	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/20/2016	13:01	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:01	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016	13:01	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/20/2016	13:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Reason for Revision Incorrect field data were provided for MW-13S.

Submitted by: Brett M. Szymanski
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 119012

**Project Name: WDNR OCONOMOWOC
 ELECTROPLATING
 Project Number: 117-7413001.01**

Lab Control Spike Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	725459	Analysis Time:	09:33	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	14.81	mg/L			15.00	99	80 --- 120		
Sulfate	25.94	mg/L			25.00	104	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126089	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725460	Analysis Time:	10:07	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	0.7	mg/L		U	0		0.7		
Sulfate	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	727250	Analysis Time:	12:52	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.27	mg/L			50.00	107	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126147	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727251	Analysis Time:	13:07	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727270	Analysis Time:	18:22	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.41	mg/L			50.00	107	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727266	Analysis Time:	18:36	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	126172	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	725664	Analysis Time:	09:41	Prep Date/Time:	Method:	SW9056A
Parent Sample #:	723505	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	187	mg/L	190					2	20
Total Sulfate	48.7	mg/L	49					1	20

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126172	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725475	Analysis Time:	17:37	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	14.89	mg/L			15.00	99	80 --- 120		
Sulfate	26.18	mg/L			25.00	105	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126172	Analysis Date:	05/18/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	725476	Analysis Time:	17:55	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	0.7	mg/L		U	0		0.7		
Sulfate	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126172	Analysis Date:	05/19/2016	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	725665	Analysis Time:	10:00	Prep Date/Time:		Method:	SW9056A
Parent Sample #:	723505	Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	278	mg/L	190		80.0	110	80 --- 120		20
Total Sulfate	130	mg/L	49		80.0	101	80 --- 120		20

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	126280	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	726538	Analysis Time:	15:34	Prep Date/Time:	Method:	E310.2
Parent Sample #:	723493	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity Dissolved	347	mg/L	350					1	10
Alkalinity Total	347	mg/L	350					1	7

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNr OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Duplicate

Analytical Run #:	126280	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	726539	Analysis Time:	15:36	Prep Date/Time:	Method:	E310.2
Parent Sample #:	723495	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity Dissolved	435	mg/L	440					1	10
Alkalinity Total	435	mg/L	440					1	7

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126280	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726462	Analysis Time:	15:31	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	LJS	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	368.0	mg/L			375.0	98	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126280	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726463	Analysis Time:	15:32	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	LJS	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	5	mg/L		U	0			5	

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	126069	Analysis Date:	05/17/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	724883	Analysis Time:	15:39	Prep Date/Time:	Method:	SW6010
Parent Sample #:	724879	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	2.80	mg/L	0.814		2.00	99	72 --- 113	2	18
Manganese	936	ug/L	29.7		1000	91	67 --- 121	1	13

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126069	Analysis Date:	05/17/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	724879	Analysis Time:	15:14	Prep Date/Time:	Method:	SW6010
Parent Sample #:	723506	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	2.74	mg/L	0.814		2.00	96	72 --- 113		18
Manganese	945	ug/L	29.7		1000	92	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126126	Analysis Date:	05/18/2016	Prep Batch #:	57291	Matrix:	LIQUID
CTLab #:	724091	Analysis Time:	14:53	Prep Date/Time:	05/17/2016 13:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.8290	mg/L			1.000	83	80 --- 115		
Manganese	428.0	ug/L			500.0	86	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126126	Analysis Date:	05/18/2016	Prep Batch #:	57291	Matrix:	LIQUID
CTLab #:	724090	Analysis Time:	14:59	Prep Date/Time:	05/17/2016 13:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	126126	Analysis Date:	05/18/2016	Prep Batch #:	57291	Matrix:	GROUND WATER
CTLab #:	724093	Analysis Time:	15:19	Prep Date/Time:	05/17/2016 13:00	Method:	SW6010
Parent Sample #:	724092	Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.827	mg/L	BDL		1.00	83	72 --- 118	1	11
Manganese	422	ug/L	BDL		500	84	84 --- 111	1	7

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNr OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126126	Analysis Date:	05/18/2016	Prep Batch #:	57291	Matrix:	GROUND WATER
CTLab #:	724092	Analysis Time:	15:13	Prep Date/Time:	05/17/2016 13:00	Method:	SW6010
Parent Sample #:	723493	Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.819	mg/L	BDL		1.00	82	72 --- 118		
Manganese	418	ug/L	BDL		500	84	84 --- 111		

Lab Control Spike Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726317	Analysis Time:	11:36	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.89	ug/L			4.00	97	74 --- 127		
1,1,1-Trichloroethane	3.84	ug/L			4.00	96	73 --- 132		
1,1,2,2-Tetrachloroethane	4.18	ug/L			4.00	104	67 --- 129		
1,1,2-Trichloroethane	4.02	ug/L			4.00	100	73 --- 129		
1,1-Dichloroethane	4.06	ug/L			4.00	102	73 --- 129		
1,1-Dichloroethene	4.10	ug/L			4.00	102	73 --- 132		
1,1-Dichloropropene	3.96	ug/L			4.00	99	75 --- 125		
1,2-Dichloroethane-d4	94.0	% Recovery			100	94.0	68 --- 120		
1,2,3-Trichlorobenzene	3.96	ug/L			4.00	99	72 --- 125		
1,2,3-Trichloropropane	4.18	ug/L			4.00	104	68 --- 136		
1,2,4-Trichlorobenzene	4.21	ug/L			4.00	105	67 --- 124		
1,2,4-Trimethylbenzene	4.09	ug/L			4.00	102	77 --- 123		
1,2-Dibromo-3-chloropropane	3.90	ug/L			4.00	98	56 --- 138		
1,2-Dibromoethane	4.06	ug/L			4.00	102	76 --- 127		
1,2-Dichlorobenzene	4.04	ug/L			4.00	101	82 --- 120		
1,2-Dichloroethane	4.15	ug/L			4.00	104	72 --- 134		
1,2-Dichloropropane	4.10	ug/L			4.00	102	76 --- 124		
1,3,5-Trimethylbenzene	4.06	ug/L			4.00	102	77 --- 124		
1,3-Dichlorobenzene	3.94	ug/L			4.00	98	81 --- 120		
1,3-Dichloropropane	4.11	ug/L			4.00	103	76 --- 125		
1,4-Dichlorobenzene	3.92	ug/L			4.00	98	80 --- 120		
2,2-Dichloropropane	4.10	ug/L			4.00	102	54 --- 144		
2-Butanone	42.7	ug/L			40.0	107	57 --- 144		
2-Chlorotoluene	4.07	ug/L			4.00	102	77 --- 123		
2-Hexanone	43.7	ug/L			40.0	109	61 --- 132		
4-Chlorotoluene	4.00	ug/L			4.00	100	76 --- 124		
4-Methyl-2-pentanone	45.9	ug/L			40.0	115	64 --- 135		
Acetone	37.7	ug/L			40.0	94	51 --- 152		
Benzene	4.04	ug/L			4.00	101	80 --- 122		
Bromobenzene	3.97	ug/L			4.00	99	81 --- 120		
Bromochloromethane	3.71	ug/L			4.00	93	78 --- 126		
Bromodichloromethane	3.91	ug/L			4.00	98	67 --- 132		
Bromofluorobenzene	95.0	% Recovery			100	95.0	68 --- 120		
Bromoform	4.00	ug/L			4.00	100	55 --- 132		
Bromomethane	4.65	ug/L			4.00	116	65 --- 141		
Carbon disulfide	7.80	ug/L			8.00	98	61 --- 140		
Carbon tetrachloride	3.85	ug/L			4.00	96	72 --- 133		
Chlorobenzene	4.13	ug/L			4.00	103	80 --- 122		
Chloroethane	4.67	ug/L			4.00	117	71 --- 134		
Chloroform	3.95	ug/L			4.00	99	73 --- 127		
Chloromethane	4.43	ug/L			4.00	111	72 --- 128		
cis-1,2-Dichloroethene	3.92	ug/L			4.00	98	76 --- 127		

Lab Control Spike Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726317	Analysis Time:	11:36	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.97	ug/L			4.00	99	72 --- 125		
d8-Toluene	98.0	% Recovery			100	98.0	71 --- 117		
Dibromochloromethane	4.03	ug/L			4.00	101	60 --- 131		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 121		
Dibromomethane	4.08	ug/L			4.00	102	76 --- 129		
Dichlorodifluoromethane	3.92	ug/L			4.00	98	64 --- 149		
Diisopropyl ether	4.17	ug/L			4.00	104	62 --- 137		
Ethylbenzene	4.22	ug/L			4.00	106	80 --- 121		
Hexachlorobutadiene	4.35	ug/L			4.00	109	71 --- 131		
Isopropylbenzene	4.22	ug/L			4.00	106	75 --- 122		
m & p-Xylene	8.34	ug/L			8.00	104	80 --- 121		
Methyl tert-butyl ether	4.12	ug/L			4.00	103	63 --- 135		
Methylene chloride	4.60	ug/L			4.00	115	38 --- 174		
n-Butylbenzene	4.15	ug/L			4.00	104	71 --- 125		
n-Propylbenzene	4.10	ug/L			4.00	102	76 --- 122		
Naphthalene	3.87	ug/L			4.00	97	64 --- 126		
o-Xylene	4.19	ug/L			4.00	105	77 --- 120		
p-Isopropyltoluene	4.31	ug/L			4.00	108	76 --- 122		
sec-Butylbenzene	4.03	ug/L			4.00	101	75 --- 122		
Styrene	4.12	ug/L			4.00	103	76 --- 121		
tert-Butylbenzene	4.12	ug/L			4.00	103	77 --- 120		
Tetrachloroethene	4.05	ug/L			4.00	101	75 --- 127		
Tetrahydrofuran	45.5	ug/L			40.0	114	60 --- 131		
Toluene	4.03	ug/L			4.00	101	80 --- 122		
trans-1,2-Dichloroethene	4.09	ug/L			4.00	102	68 --- 136		
trans-1,3-Dichloropropene	4.05	ug/L			4.00	101	65 --- 126		
Trichloroethene	3.97	ug/L			4.00	99	78 --- 126		
Trichlorofluoromethane	4.26	ug/L			4.00	106	70 --- 145		
Vinyl acetate	41.0	ug/L			40.0	102	38 --- 152		
Vinyl chloride	4.55	ug/L			4.00	114	71 --- 135		

Method Blank Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726416	Analysis Time:	12:33	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	104	% Recovery			100	104	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	29.1	ug/L			0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.05	ug/L		U	0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726416	Analysis Time:	12:33	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	102	% Recovery			100	102	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	100	% Recovery			100	100	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.343	ug/L			0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.636	ug/L			0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

Matrix Spike Duplicate Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727221	Analysis Time:	22:03	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	726655	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.44	ug/L	BDL		4.00	86	71 --- 136	6	21
1,1,1-Trichloroethane	3.79	ug/L	BDL		4.00	95	77 --- 150	9	20
1,1,2,2-Tetrachloroethane	3.80	ug/L	BDL		4.00	95	68 --- 139	1	22
1,1,2-Trichloroethane	3.31	ug/L	BDL		4.00	83	70 --- 139	4	25
1,1-Dichloroethane	3.95	ug/L	BDL		4.00	99	65 --- 149	11	25
1,1-Dichloroethene	3.96	ug/L	BDL		4.00	99	56 --- 164	12	24
1,1-Dichloropropene	4.00	ug/L	BDL		4.00	100	65 --- 146	11	21
1,2 Dichloroethane-d4	96.0	% Recovery			100	96.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.74	ug/L	BDL		4.00	94	62 --- 135	7	31
1,2,3-Trichloropropane	3.63	ug/L	BDL		4.00	91	66 --- 145	2	26
1,2,4-Trichlorobenzene	3.76	ug/L	BDL		4.00	94	61 --- 132	4	29
1,2,4-Trimethylbenzene	3.88	ug/L	BDL		4.00	97	1 --- 154	5	36
1,2-Dibromo-3-chloropropane	3.35	ug/L	BDL		4.00	84	49 --- 144	3	34
1,2-Dibromoethane	3.49	ug/L	BDL		4.00	87	76 --- 132	4	22
1,2-Dichlorobenzene	3.71	ug/L	BDL		4.00	93	78 --- 128	6	23
1,2-Dichloroethane	3.65	ug/L	BDL		4.00	91	70 --- 147	2	21
1,2-Dichloropropane	3.71	ug/L	BDL		4.00	93	72 --- 138	5	19
1,3,5-Trimethylbenzene	3.95	ug/L	BDL		4.00	99	1 --- 151	8	34
1,3-Dichlorobenzene	3.80	ug/L	BDL		4.00	95	78 --- 127	9	22
1,3-Dichloropropane	3.56	ug/L	BDL		4.00	89	73 --- 136	5	23
1,4-Dichlorobenzene	3.70	ug/L	BDL		4.00	92	78 --- 127	5	22
2,2-Dichloropropane	3.67	ug/L	BDL		4.00	92	50 --- 165	6	21
2-Butanone	34.0	ug/L	BDL		40.0	85	45 --- 160	7	29
2-Chlorotoluene	3.94	ug/L	BDL		4.00	98	74 --- 130	8	20
2-Hexanone	36.1	ug/L	BDL		40.0	90	55 --- 143	2	28
4-Chlorotoluene	3.90	ug/L	BDL		4.00	98	57 --- 131	5	22
4-Methyl-2-pentanone	37.8	ug/L	BDL		40.0	94	58 --- 146	4	29
Acetone	38.3	ug/L	BDL		40.0	96	27 --- 172	1	39
Benzene	3.78	ug/L	BDL		4.00	94	81 --- 134	7	17
Bromobenzene	3.66	ug/L	BDL		4.00	92	80 --- 127	6	20
Bromochloromethane	3.40	ug/L	BDL		4.00	85	73 --- 143	3	22
Bromodichloromethane	3.37	ug/L	BDL		4.00	84	64 --- 139	3	20
Bromofluorobenzene	104	% Recovery			100	104	67 --- 120		7
Bromoform	3.23	ug/L	BDL		4.00	81	49 --- 125	6	28
Bromomethane	3.32	ug/L	BDL		4.00	83	59 --- 167	12	34
Carbon disulfide	7.98	ug/L	BDL		8.00	100	12 --- 140	5	31
Carbon tetrachloride	3.83	ug/L	BDL		4.00	96	74 --- 153	8	20
Chlorobenzene	3.63	ug/L	BDL		4.00	91	82 --- 130	5	21
Chloroethane	4.81	ug/L	BDL		4.00	120	64 --- 165	7	26
Chloroform	3.74	ug/L	BDL		4.00	94	73 --- 138	10	18
Chloromethane	4.27	ug/L	BDL		4.00	107	62 --- 157	7	21
cis-1,2-Dichloroethene	3.59	ug/L	BDL		4.00	90	75 --- 152	6	21

Matrix Spike Duplicate Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727221	Analysis Time:	22:03	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	726655	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.42	ug/L	BDL		4.00	86	61 --- 129	6	21
d8-Toluene	99.0	% Recovery			100	99.0	60 --- 119		7
Dibromochloromethane	3.42	ug/L	BDL		4.00	86	56 --- 130	6	23
Dibromofluoromethane	100	% Recovery			100	100	65 --- 128		7
Dibromomethane	3.46	ug/L	BDL		4.00	86	71 --- 142	2	21
Dichlorodifluoromethane	4.06	ug/L	BDL		4.00	102	62 --- 196	7	22
Diisopropyl ether	3.78	ug/L	BDL		4.00	94	46 --- 161	5	27
Ethylbenzene	3.80	ug/L	BDL		4.00	95	52 --- 139	5	24
Hexachlorobutadiene	4.21	ug/L	BDL		4.00	105	66 --- 147	2	30
Isopropylbenzene	3.83	ug/L	BDL		4.00	96	50 --- 135	8	24
m & p-Xylene	7.55	ug/L	BDL		8.00	94	1 --- 156	7	28
Methyl tert-butyl ether	3.49	ug/L	BDL		4.00	87	46 --- 161	1	33
Methylene chloride	3.68	ug/L	BDL		4.00	92	10 --- 181	5	36
n-Butylbenzene	4.14	ug/L	BDL		4.00	104	46 --- 144	5	24
n-Propylbenzene	4.07	ug/L	BDL		4.00	102	51 --- 139	8	23
Naphthalene	3.43	ug/L	BDL		4.00	86	45 --- 135	5	31
o-Xylene	3.73	ug/L	BDL		4.00	93	11 --- 148	8	26
p-Isopropyltoluene	4.03	ug/L	BDL		4.00	101	18 --- 148	4	27
sec-Butylbenzene	4.09	ug/L	BDL		4.00	102	57 --- 138	7	23
Styrene	3.66	ug/L	BDL		4.00	92	1 --- 159	8	40
tert-Butylbenzene	3.95	ug/L	BDL		4.00	99	74 --- 132	7	22
Tetrachloroethene	3.65	ug/L	BDL		4.00	91	79 --- 144	8	21
Tetrahydrofuran	38.2	ug/L	BDL		40.0	96	51 --- 139	1	28
Toluene	3.72	ug/L	BDL		4.00	93	56 --- 141	8	19
trans-1,2-Dichloroethene	3.77	ug/L	BDL		4.00	94	53 --- 161	8	28
trans-1,3-Dichloropropene	3.35	ug/L	BDL		4.00	84	57 --- 124	3	21
Trichloroethene	3.69	ug/L	BDL		4.00	92	74 --- 138	8	19
Trichlorofluoromethane	4.36	ug/L	BDL		4.00	109	83 --- 174	12	23
Vinyl acetate	36.0	ug/L	BDL		40.0	90	0 --- 198	1	25
Vinyl chloride	4.93	ug/L	BDL		4.00	123	65 --- 168	10	21

Matrix Spike Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	726655	Analysis Time:	21:35	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	723493	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.23	ug/L	BDL		4.00	81	71 --- 136		21
1,1,1-Trichloroethane	3.46	ug/L	BDL		4.00	86	77 --- 150		20
1,1,2,2-Tetrachloroethane	3.75	ug/L	BDL		4.00	94	68 --- 139		22
1,1,2-Trichloroethane	3.46	ug/L	BDL		4.00	86	70 --- 139		25
1,1-Dichloroethane	3.52	ug/L	BDL		4.00	88	65 --- 149		25
1,1-Dichloroethene	3.52	ug/L	BDL		4.00	88	56 --- 164		24
1,1-Dichloropropene	3.59	ug/L	BDL		4.00	90	65 --- 146		21
1,2 Dichloroethane-d4	93.0	% Recovery			100	93.0	65 --- 128		7
1,2,3-Trichlorobenzene	3.47	ug/L	BDL		4.00	87	62 --- 135		31
1,2,3-Trichloropropane	3.54	ug/L	BDL		4.00	88	66 --- 145		26
1,2,4-Trichlorobenzene	3.62	ug/L	BDL		4.00	90	61 --- 132		29
1,2,4-Trimethylbenzene	3.68	ug/L	BDL		4.00	92	1 --- 154		36
1,2-Dibromo-3-chloropropane	3.26	ug/L	BDL		4.00	82	49 --- 144		34
1,2-Dibromoethane	3.35	ug/L	BDL		4.00	84	76 --- 132		22
1,2-Dichlorobenzene	3.51	ug/L	BDL		4.00	88	78 --- 128		23
1,2-Dichloroethane	3.59	ug/L	BDL		4.00	90	70 --- 147		21
1,2-Dichloropropane	3.53	ug/L	BDL		4.00	88	72 --- 138		19
1,3,5-Trimethylbenzene	3.64	ug/L	BDL		4.00	91	1 --- 151		34
1,3-Dichlorobenzene	3.48	ug/L	BDL		4.00	87	78 --- 127		22
1,3-Dichloropropane	3.40	ug/L	BDL		4.00	85	73 --- 136		23
1,4-Dichlorobenzene	3.50	ug/L	BDL		4.00	88	78 --- 127		22
2,2-Dichloropropane	3.44	ug/L	BDL		4.00	86	50 --- 165		21
2-Butanone	36.3	ug/L	BDL		40.0	91	45 --- 160		29
2-Chlorotoluene	3.64	ug/L	BDL		4.00	91	74 --- 130		20
2-Hexanone	37.0	ug/L	BDL		40.0	92	55 --- 143		28
4-Chlorotoluene	3.70	ug/L	BDL		4.00	92	57 --- 131		22
4-Methyl-2-pentanone	39.5	ug/L	BDL		40.0	99	58 --- 146		29
Acetone	38.9	ug/L	BDL		40.0	97	27 --- 172		39
Benzene	3.52	ug/L	BDL		4.00	88	81 --- 134		17
Bromobenzene	3.46	ug/L	BDL		4.00	86	80 --- 127		20
Bromochloromethane	3.29	ug/L	BDL		4.00	82	73 --- 143		22
Bromodichloromethane	3.27	ug/L	BDL		4.00	82	64 --- 139		20
Bromofluorobenzene	101	% Recovery			100	101	67 --- 120		7
Bromoform	3.05	ug/L	BDL		4.00	76	49 --- 125		28
Bromomethane	2.95	ug/L	BDL		4.00	74	59 --- 167		34
Carbon disulfide	7.58	ug/L	BDL		8.00	95	12 --- 140		31
Carbon tetrachloride	3.53	ug/L	BDL		4.00	88	74 --- 153		20
Chlorobenzene	3.44	ug/L	BDL		4.00	86	82 --- 130		21
Chloroethane	4.51	ug/L	BDL		4.00	113	64 --- 165		26
Chloroform	3.38	ug/L	BDL		4.00	84	73 --- 138		18
Chloromethane	3.98	ug/L	BDL		4.00	100	62 --- 157		21
cis-1,2-Dichloroethene	3.37	ug/L	BDL		4.00	84	75 --- 152		21

Matrix Spike Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	726655	Analysis Time:	21:35	Prep Date/Time:	Method:	SW8260C
Parent Sample #:	723493	Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.20	ug/L	BDL		4.00	80	61 --- 129		21
d8-Toluene	99.0	% Recovery			100	99.0	60 --- 119		7
Dibromochloromethane	3.23	ug/L	BDL		4.00	81	56 --- 130		23
Dibromofluoromethane	98.0	% Recovery			100	98.0	65 --- 128		7
Dibromomethane	3.40	ug/L	BDL		4.00	85	71 --- 142		21
Dichlorodifluoromethane	3.78	ug/L	BDL		4.00	94	62 --- 196		22
Diisopropyl ether	3.61	ug/L	BDL		4.00	90	46 --- 161		27
Ethylbenzene	3.62	ug/L	BDL		4.00	90	52 --- 139		24
Hexachlorobutadiene	4.11	ug/L	BDL		4.00	103	66 --- 147		30
Isopropylbenzene	3.54	ug/L	BDL		4.00	88	50 --- 135		24
m & p-Xylene	7.03	ug/L	BDL		8.00	88	1 --- 156		28
Methyl tert-butyl ether	3.45	ug/L	BDL		4.00	86	46 --- 161		33
Methylene chloride	3.51	ug/L	BDL		4.00	88	10 --- 181		36
n-Butylbenzene	3.94	ug/L	BDL		4.00	98	46 --- 144		24
n-Propylbenzene	3.74	ug/L	BDL		4.00	94	51 --- 139		23
Naphthalene	3.25	ug/L	BDL		4.00	81	45 --- 135		31
o-Xylene	3.44	ug/L	BDL		4.00	86	11 --- 148		26
p-Isopropyltoluene	3.87	ug/L	BDL		4.00	97	18 --- 148		27
sec-Butylbenzene	3.81	ug/L	BDL		4.00	95	57 --- 138		23
Styrene	3.39	ug/L	BDL		4.00	85	1 --- 159		40
tert-Butylbenzene	3.67	ug/L	BDL		4.00	92	74 --- 132		22
Tetrachloroethene	3.38	ug/L	BDL		4.00	84	79 --- 144		21
Tetrahydrofuran	38.5	ug/L	BDL		40.0	96	51 --- 139		28
Toluene	3.45	ug/L	BDL		4.00	86	56 --- 141		19
trans-1,2-Dichloroethene	3.50	ug/L	BDL		4.00	88	53 --- 161		28
trans-1,3-Dichloropropene	3.23	ug/L	BDL		4.00	81	57 --- 124		21
Trichloroethene	3.40	ug/L	BDL		4.00	85	74 --- 138		19
Trichlorofluoromethane	3.88	ug/L	BDL		4.00	97	83 --- 174		23
Vinyl acetate	35.7	ug/L	BDL		40.0	89	0 --- 198		25
Vinyl chloride	4.47	ug/L	BDL		4.00	112	65 --- 168		21

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	LIQUID
CTLab #:	725422	Analysis Time:	11:32	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.32	ug/L			3.06	76	70 --- 130		20
Ethane	4.85	ug/L			4.77	102	70 --- 130		20
Ethene	6.98	ug/L			6.79	103	65 --- 124		20
Methane	2.35	ug/L			2.29	103	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNr OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126211	Analysis Date:	05/19/2016	Prep Batch #:	57333	Matrix:	LIQUID
CTLab #:	725421	Analysis Time:	11:42	Prep Date/Time:	05/19/2016 08:30	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.4	ug/L		U	0		0.4		
Ethene	0.5	ug/L		U	0		0.5		
Methane	0.4	ug/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Lab Control Spike Water

Analytical Run #:	126212	Analysis Date:	05/20/2016	Prep Batch #:	57335	Matrix:	LIQUID
CTLab #:	726045	Analysis Time:	10:38	Prep Date/Time:	05/20/2016 09:05	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.31	ug/L			3.07	75	70 --- 130		20
Ethane	4.45	ug/L			4.78	93	70 --- 130		20
Ethene	6.44	ug/L			6.79	95	65 --- 124		20
Methane	2.21	ug/L			2.29	97	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Method Blank Water

Analytical Run #:	126212	Analysis Date:	05/20/2016	Prep Batch #:	57335	Matrix:	LIQUID
CTLab #:	726044	Analysis Time:	10:52	Prep Date/Time:	05/20/2016 09:05	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.4	ug/L		U	0		0.4		
Ethene	0.5	ug/L		U	0		0.5		
Methane	0.4	ug/L		U	0		0.4		

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Duplicate Water

Analytical Run #:	126212	Analysis Date:	05/20/2016	Prep Batch #:	57335	Matrix:	GROUND WATER
CTLab #:	725448	Analysis Time:	11:24	Prep Date/Time:	05/20/2016 09:05	Method:	RSK175
Parent Sample #:	725447	Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.29	ug/L	BDL		3.07	75	70 --- 130	3	20
Ethane	4.53	ug/L	BDL		4.78	95	70 --- 130	1	20
Ethene	6.54	ug/L	BDL		6.79	96	41 --- 138	2	43
Methane	2.32	ug/L	BDL		2.29	101	70 --- 130	1	20

TETRA TECH

SDG #: 0

Folder #: 119012

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-7413001.01

Matrix Spike Water

Analytical Run #:	126212	Analysis Date:	05/20/2016	Prep Batch #:	57335	Matrix:	GROUND WATER
CTLab #:	725447	Analysis Time:	11:13	Prep Date/Time:	05/20/2016 09:05	Method:	RSK175
Parent Sample #:	723503	Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.37	ug/L	BDL		3.07	77	70 --- 130		
Ethane	4.59	ug/L	BDL		4.78	96	70 --- 130		
Ethene	6.70	ug/L	BDL		6.79	99	41 --- 138		
Methane	2.35	ug/L	BDL		2.29	103	70 --- 130		

Sample Condition Report

Folder #: 119012	Print Date / Time: 05/16/2016 10:31
Client: TETRA TECH	Received Date / Time / By: 05/14/2016 1158 BNA
Project Name: WDNR OCONOMOWOC ELECTROPLATING	Log-In Date / Time / By: 05/16/2016 1027 JLS
Project Phase:	Project #: 117-7413001.01 PM: BMS
Coolers: 5670	Temperature: 2.1 C On Ice: Y
Custody Seals Present : Y	COC Present?: Y Complete? Y
Seal Intact? Y	Numbers: NONE
Ship Method: FEDEX EXPRESS	Tracking Number: 776342263888
Adequate Packaging: Y	Temp Blank Enclosed? Y

Notes: THE SAMPLES WERE RECEIVED IN GOOD CONDITION ON ICE.

NO CUSTODY SEALS PRESENT, TAPE WAS INTACT.

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723493 MW-102S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
723493 MW-102S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
723493 MW-102S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
723493 MW-102S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723494 MW-102S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723495 MW-15B				

UNPRES PL 1 /
Total # of Containers of Type (UNPRES PL) = 1

ALK,Anions

723495 MW-15B

VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

723495 MW-15B

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

723495 MW-15B

H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
-------------------------	----------------	------------	------------------	-------

723496 MW-15B

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
-------------------------	----------------	------------	------------------	-------

723497 MW-15S

UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

723497 MW-15S

VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

723497 MW-15S

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

723497 MW-15S

H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
-------------------------	----------------	------------	------------------	-------

723498 MW-15S

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723499 MW-15D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

723499 MW-15D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

723499 MW-15D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

723499 MW-15D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723500 MW-15D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723501 MW-16S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

723501 MW-16S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

723501 MW-16S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

723501 MW-16S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723502 MW-16S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723503 MW-13S	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

723503 MW-13S	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

723503 MW-13S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

723503 MW-13S	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723504 MW-13S	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
723505 MW-13D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

723505 MW-13D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

723505 MW-13D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

723505 MW-13D

H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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723506 MW-13D

HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
-------------------------	----------------	------------	------------------	-------

723517 FILTER BLANK

VOA HCL 1 / VOC
VOA HCL 1 / VOC
VOA HCL 1 / VOC
Total # of Containers of Type (VOA HCL) = 3

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
-------------------------	----------------	------------	------------------	-------

723518 TB-4

Trip Blank 1 / VOC
Trip Blank 1 / VOC
Total # of Containers of Type (Trip Blank) = 2

<u>Condition Code</u>	<u>Condition Description</u>
1	Sample Received OK

CHAIN OF CUSTODY

Company: **Tetra Tech**
 Project Contact: **mark manthey**
 Telephone: **262 792 1282**
 Project Name: **WONR Oconomowoc Elatoplat**
 Project #: **117-7413001.01**
 Location: **Oconomowoc, WI**
 Sampled By: **Ashley Kowalewski**

Folder #: **119012**
 Company: **TETRA TECH**
 Project: **OCONOMOWOC ELEC**
 Logged By: **JLS PM BVI**

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com

Program:
 QSM **RCRA** SDWA NPDES
 Solid Waste Other _____
 PO # _____

Report To:
 EMAIL: **mark.manthey@tetratech.com**
 Company: **Tetra Tech**
 Address: **175 N Corporate Dr Suite 100
 Brookfield, WI 53045**
 Invoice To: *
 EMAIL:
 Company:
 Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Filtered? Y/N	ANALYSES REQUESTED										Total # Containers	Designated MS/MSD	
	TOC	ICP Dissolved	ICP Total	alk/1chloride/sulfate	VOC 6x10 Lp	pest	meth. eth. phac.	acet. phal. dis.					

Turnaround Time
 Normal RUSH*
 Date Needed: _____
 Rush analysis requires prior
 CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

Collection 2016					Sample ID Description	Fill in Spaces with Bottles per Test										CT Lab ID # Lab use only									
Date	Time	Matrix	Grab/Comp	Sample #		TOC	ICP Dissolved	ICP Total	alk/1chloride/sulfate	VOC 6x10 Lp	pest	meth. eth. phac.	acet. phal. dis.												
5-13	1030	GW	grab		MW-102S	1	1	1	1	3	3													10	723497/494
	1125				MW-15B	1	1	1	1	3	3													10	723498/496
	1200				MW-15S	1	1	1	1	3	3													10	723497/498
	1230				MW-15D	1	1	1	1	3	3													10	723499/500
	1350				MW-16S	1	1	1	1	3	3													10	723501/502
	1435				MW-13S	1	1	1	1	3	3													10	723503/504
	1515				MW-13D	1	1	1	1	3	3													10	723505/506
	1550				Filter Blank					3	3													3	723517
		DI			TB-4					2														2	723518

Relinquished By: **Ashley Kowalewski** Date/Time: **5-13-16 1745** Received By: _____ Date/Time: _____
 Received by: _____ Date/Time: _____ Received for Laboratory by: **[Signature]** Date/Time: **5/14/16 1027** Lab Use Only
 Ice Present Yes No Temp **2.1** IR Gun # **14** Cooler # **6670**

5-14-16 1158 BVA

ORIGIN ID:RRLA (262) 792-1282
MARK MANTHEY
TETRA TECH
175 N CORPORATE DRIVE
STE. 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 13MAY16
ACTWGT: 42.00 LB
CAD: 1104355/NET3730
DIMS: 26x15x15 IN
BILL SENDER

TO **BRETT SZYMANSKI**
CT LABORATORIES
1230 LANGE COURT

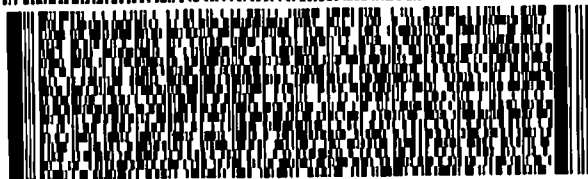
BARABOO WI 53913

(608) 358-2760
INV
PO

REF: 117-7413001 01

DEPT

540.J16323727F



FedEx
Express



J16 0102050100

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK#
0201 **7763 4226 3888**

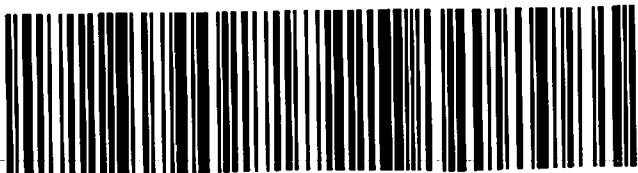
DSR

53913

X0 MSNA

WI-US

MSN



*2.1° on ice in # 14
Cooler 5670
5/14/16 1158 BNA*

After printing this label:

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Szymanski, Brett M

From: Manthey, Mark <Mark.Manthey@tetrattech.com>
Sent: 06/16/2016 17:34
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Yes, the value is wrong. The DO value for MW-12M should be 0.93

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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175 N. Corporate Drive | Suite 100 | Brookfield, WI 53045 | www.tetrattech.com



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From: Szymanski, Brett M [mailto:BSzymanski@ctlaboratories.com]
Sent: Thursday, June 16, 2016 4:58 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

In looking at the field data, I'm assuming the DO for MW-12B is also incorrect? It looks like a conductivity reading.

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [mailto:Mark.Manthey@tetrattech.com]
Sent: 06/16/2016 4:49 PM

To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Sorry again!

Found another error for the Dissolved Oxygen value for the TW-2021 sample (Sample ID = 75710). The correct DO value is 2.55 mg/L

725710	TW-2021	Dissolved Oxygen (Field)	mg/L	5/18/2016	2.55
--------	---------	--------------------------	------	-----------	------

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Szymanski, Brett M [<mailto:BSzymanski@ctlaboratories.com>]
Sent: Thursday, June 16, 2016 4:44 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

I'll get these field data updated with the correct information and send out revised analytical reports and EDDs by Monday, June 20th.

Have a good afternoon,

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [<mailto:Mark.Manthey@tetrattech.com>]
Sent: 06/16/2016 4:41 PM
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Hi Brett,

Sorry about this, but I found another error in the field parameters data I sent you. It is for the MW-101S sample. The correct field data is listed below:

Sample	Well ID	Analyte	Units	Date	Result
721951	MW-101S	Color (Field)		5/10/2016	Clear
721951	MW-101S	Conductivity (Field)	umhos/cm	5/10/2016	3180
721951	MW-101S	Dissolved Oxygen (Field)	mg/L	5/10/2016	2.62
721951	MW-101S	OX/REDOX (Field)	MV	5/10/2016	336
721951	MW-101S	pH (Field)	S.U.	5/10/2016	6.82
721951	MW-101S	Temperature (Field)	Deg. C	5/10/2016	9.98
721951	MW-101S	Turbidity (Field)		5/10/2016	clear

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Manthey, Mark
Sent: Thursday, June 16, 2016 11:28 AM
To: 'BSzymanski@ctlaboratories.com' <BSzymanski@ctlaboratories.com>
Subject: Correct field parameters data for MW-13S sample

Brett,

Per our telephone conversation, below are the correct field parameters readings for the MW-13S sample:

Sample Date: 5/13/2016

Field Parameters

Dissolved Oxygen (DO) = 3.78 mg/L

Oxidation Reduction Potential = 130 millivolts

pH = 7.35

Specific Conductivity = 832 umhos/cm

Temperature = 12.29 deg-C

Turbidity = 30.2 ntu

Thanks.

Mark A. Manthey, P.G. | Associate Hydrogeologist

Office: 262-792-1282 ext. 271 | Fax: 262-792-1310

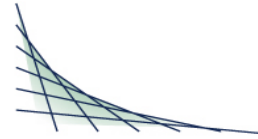
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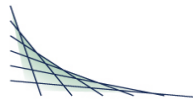
ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.





**REVISED
ANALYTICAL REPORT**

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: WDNR OCONOMOWOC ELECTROPLATING
Project Phase:
Contract #: 2747
Project #: 117-741300.01
Folder #: 119119
Purchase Order #:

Page 1 of 38
Arrival Temperature: 3.8
Report Date: 06/08/2016
Date Received: 05/19/2016
Reprint Date: 06/17/2016
Revision Date 06/17/2016

CT LAB Sample#: 725682	Sample Description: MW-102D	License/Well #: 4189/038	Sampled: 05/18/2016 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.29	mg/L	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	
OX/REDOX (Field)	-2	MV	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	
Color (Field)	clear		N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
Conductivity (Field)	1400	umhos/cm	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
pH (Field)	6.79	S.U.	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
Temperature (Field)	11.56	Deg. C	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	460	mg/L	5.0	18	1		05/20/2016 15:56	15:56	LJS	EPA 310.2
Total Chloride	220	mg/L	7.0	24	10		05/19/2016 15:44	15:44	JJF	EPA 9056A
Total Sulfate	100	mg/L	5.0	18	10		05/19/2016 15:44	15:44	JJF	EPA 9056A
Total Organic Carbon	2.3	mg/L	0.50	1.7	1		05/23/2016 19:56	19:56	JJF	EPA 9060A
Metals Results										
Total Iron	1.40	mg/L	0.020	0.065	1		05/23/2016 12:00	05/25/2016 22:39	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725682 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 05/18/2016 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Total Manganese	37.7	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 22:39	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 12:06	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:06	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 12:06	AMA	Mod RSK 175
Methane	12	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:06	AMA	Mod RSK 175

Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.

1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.90	5			05/21/2016 16:44	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	5			05/21/2016 16:44	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.10	ug/L	0.10	0.33	5			05/21/2016 16:44	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.85	5			05/21/2016 16:44	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	0.95	5			05/21/2016 16:44	RLD	EPA 8260C
1,1-Dichloroethene	<0.35	ug/L	0.35	1.2	5			05/21/2016 16:44	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	0.95	5			05/21/2016 16:44	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.80	5			05/21/2016 16:44	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.20	ug/L	0.20	0.65	5			05/21/2016 16:44	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.20	ug/L	0.20	0.65	5			05/21/2016 16:44	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.25	ug/L	0.25	0.85	5			05/21/2016 16:44	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.15	ug/L	0.15	0.50	5			05/21/2016 16:44	RLD	EPA 8260C
1,2-Dibromoethane	<0.20	ug/L	0.20	0.70	5			05/21/2016 16:44	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	0.95	5			05/21/2016 16:44	RLD	EPA 8260C
1,2-Dichloroethane	0.28	ug/L	0.20 *	0.70	5			05/21/2016 16:44	RLD	EPA 8260C
1,2-Dichloropropane	<0.30	ug/L	0.30	1.0	5			05/21/2016 16:44	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	5			05/21/2016 16:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725682 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 05/18/2016 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
1,3-Dichlorobenzene	<0.30	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
1,3-Dichloropropane	<0.20	ug/L	0.20	0.65	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
2,2-Dichloropropane	<0.20	ug/L	0.20	0.60	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
2-Chlorotoluene	<0.30	ug/L	0.30	0.95	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
2-Hexanone	<2.0	ug/L	2.0	7.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
4-Chlorotoluene	<0.25	ug/L	0.25	0.90	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.0	ug/L	2.0	7.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Acetone	110	ug/L	4.5	16	5	B	05/21/2016 16:44	16:44	RLD	EPA 8260C
Benzene	<0.30	ug/L	0.30	0.90	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Bromobenzene	<0.20	ug/L	0.20	0.70	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Bromochloromethane	<0.085	ug/L	0.085	0.29	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Bromodichloromethane	<0.085	ug/L	0.085	0.29	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Bromoform	<0.090	ug/L	0.090	0.30	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Bromomethane	<0.45	ug/L	0.45	1.5	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Carbon disulfide	<0.55	ug/L	0.55	1.9	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Chlorobenzene	<0.20	ug/L	0.20	0.70	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Chloroethane	<0.30	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Chloromethane	<0.25	ug/L	0.25	0.90	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
cis-1,2-Dichloroethene	28	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725682 Sample Description: MW-102D

License/Well #: 4189/038 Sampled: 05/18/2016 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
cis-1,3-Dichloropropene	<0.075	ug/L	0.075	0.25	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Dibromochloromethane	<0.080	ug/L	0.080	0.27	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Dibromomethane	<0.30	ug/L	0.30	0.95	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Dichlorodifluoromethane	<0.30	ug/L	0.30	0.95	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Diisopropyl ether	<0.20	ug/L	0.20	0.75	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Hexachlorobutadiene	<0.35	ug/L	0.35	1.2	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Isopropylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
m & p-Xylene	<0.60	ug/L	0.60	2.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Methyl tert-butyl ether	0.98	ug/L	0.20	0.75	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Methylene chloride	<0.30	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
n-Butylbenzene	<0.25	ug/L	0.25	0.85	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
n-Propylbenzene	<0.25	ug/L	0.25	0.80	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Naphthalene	<0.25	ug/L	0.25	0.90	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
o-Xylene	<0.25	ug/L	0.25	0.80	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
sec-Butylbenzene	<0.25	ug/L	0.25	0.90	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Styrene	<0.25	ug/L	0.25	0.75	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
tert-Butylbenzene	<0.30	ug/L	0.30	0.95	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Tetrachloroethene	<0.30	ug/L	0.30	1.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	11	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.72	ug/L	0.30 *	1.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725682	Sample Description: MW-102D	License/Well #: 4189/038	Sampled: 05/18/2016 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
trans-1,3-Dichloropropene	<0.070	ug/L	0.070	0.24	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Trichloroethene	0.24	ug/L	0.15 *	0.50	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Trichlorofluoromethane	<0.25	ug/L	0.25	0.90	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Vinyl acetate	<2.5	ug/L	2.5	8.0	5		05/21/2016 16:44	16:44	RLD	EPA 8260C
Vinyl chloride	0.32	ug/L	0.080	0.26	5		05/21/2016 16:44	16:44	RLD	EPA 8260C

CT LAB Sample#: 725688	Sample Description: MW-102D	License/Well #: 4189/038	Sampled: 05/18/2016 1010
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	1.54	mg/L	0.010	0.032	1		05/20/2016 16:53	16:53	NAH	EPA 6010C
Dissolved Manganese	34.2	ug/L	1.6	5.3	1		05/20/2016 16:53	16:53	NAH	EPA 6010C

CT LAB Sample#: 725689	Sample Description: MW-103S	License/Well #: 4189/039	Sampled: 05/18/2016 1050
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	5.74	mg/L	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	
OX/REDOX (Field)	213	MV	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	
Color (Field)	clear		N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
Conductivity (Field)	841	umhos/cm	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD
pH (Field)	6.65	S.U.	N/A	N/A	1		05/18/2016 00:00	00:00	SUB	FIELD

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725689 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 05/18/2016 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Temperature (Field)	10.40	Deg. C	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	490	mg/L	5.0	18	1			05/20/2016 15:57	LJS	EPA 310.2
Total Chloride	57	mg/L	3.5	12	5			05/19/2016 16:03	JJF	EPA 9056A
Total Sulfate	69	mg/L	2.5	9.0	5			05/19/2016 16:03	JJF	EPA 9056A
Total Organic Carbon	6.9	mg/L	0.50	1.7	1			05/23/2016 20:07	JJF	EPA 9060A
Metals Results										
Total Iron	0.0206	mg/L	0.020 *	0.065	1		05/23/2016 12:00	05/25/2016 23:23	NAH	EPA 6010C
Total Manganese	394	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 23:23	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 12:23	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:23	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 12:23	AMA	Mod RSK 175
Methane	88	ug/L	4.0	12	10		05/20/2016 09:05	05/20/2016 12:34	AMA	Mod RSK 175
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:42	RLD	EPA 8260C
1,1,1-Trichloroethane	30	ug/L	0.60	2.1	10			05/21/2016 17:42	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.20	0.65	10			05/21/2016 17:42	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.7	10			05/21/2016 17:42	RLD	EPA 8260C
1,1-Dichloroethane	7.6	ug/L	0.60	1.9	10			05/21/2016 17:42	RLD	EPA 8260C
1,1-Dichloroethene	4.0	ug/L	0.70	2.3	10			05/21/2016 17:42	RLD	EPA 8260C
1,1-Dichloropropene	<0.60	ug/L	0.60	1.9	10			05/21/2016 17:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725689 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 05/18/2016 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.6	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.3	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2-Dichloroethane	1.2	ug/L	0.40 *	1.4	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,2-Dichloropropane	<0.60	ug/L	0.60	2.0	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.60	ug/L	0.60	2.0	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.60	ug/L	0.60	2.1	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
2,2-Dichloropropane	<0.40	ug/L	0.40	1.2	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
2-Butanone	<8.0	ug/L	8.0	28	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.9	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
2-Hexanone	<4.0	ug/L	4.0	14	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
4-Chlorotoluene	<0.50	ug/L	0.50	1.8	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
4-Methyl-2-pentanone	<4.0	ug/L	4.0	14	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Acetone	250	ug/L	9.0	31	10	B	05/21/2016 17:42	17:42	RLD	EPA 8260C
Benzene	<0.60	ug/L	0.60	1.8	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.4	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Bromochloromethane	<0.17	ug/L	0.17	0.58	10		05/21/2016 17:42	17:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725689 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 05/18/2016 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
Bromodichloromethane	<0.17	ug/L	0.17	0.58	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Bromoform	<0.18	ug/L	0.18	0.60	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	2.9	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Carbon disulfide	<1.1	ug/L	1.1	3.8	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Carbon tetrachloride	<0.60	ug/L	0.60	2.0	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Chlorobenzene	0.86	ug/L	0.40 *	1.4	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Chloroethane	1.3	ug/L	0.60 *	2.1	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Chloroform	<0.60	ug/L	0.60	2.0	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Chloromethane	<0.50	ug/L	0.50	1.8	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
cis-1,2-Dichloroethene	33	ug/L	0.60	2.1	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.15	ug/L	0.15	0.49	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Dibromochloromethane	<0.16	ug/L	0.16	0.54	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	1.9	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	1.9	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.5	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Ethylbenzene	<0.60	ug/L	0.60	2.1	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Hexachlorobutadiene	<0.70	ug/L	0.70	2.4	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Isopropylbenzene	<0.50	ug/L	0.50	1.7	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
m & p-Xylene	<1.2	ug/L	1.2	4.0	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
Methylene chloride	<0.60	ug/L	0.60	2.1	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
n-Butylbenzene	<0.50	ug/L	0.50	1.7	10		05/21/2016 17:42	17:42	RLD	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.6	10		05/21/2016 17:42	17:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725689 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 05/18/2016 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
Naphthalene	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:42	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.6	10			05/21/2016 17:42	RLD	EPA 8260C
p-Isopropyltoluene	<0.60	ug/L	0.60	2.1	10			05/21/2016 17:42	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:42	RLD	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.5	10			05/21/2016 17:42	RLD	EPA 8260C
tert-Butylbenzene	<0.60	ug/L	0.60	1.9	10			05/21/2016 17:42	RLD	EPA 8260C
Tetrachloroethene	9.6	ug/L	0.60	2.0	10			05/21/2016 17:42	RLD	EPA 8260C
Tetrahydrofuran	<6.0	ug/L	6.0	21	10			05/21/2016 17:42	RLD	EPA 8260C
Toluene	<0.60	ug/L	0.60	2.1	10			05/21/2016 17:42	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.90	ug/L	0.60 *	2.0	10			05/21/2016 17:42	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.48	10			05/21/2016 17:42	RLD	EPA 8260C
Trichloroethene	57	ug/L	0.30	1.0	10			05/21/2016 17:42	RLD	EPA 8260C
Trichlorofluoromethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 17:42	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	16	10			05/21/2016 17:42	RLD	EPA 8260C
Vinyl chloride	1.5	ug/L	0.16	0.52	10			05/21/2016 17:42	RLD	EPA 8260C

CT LAB Sample#: 725690 Sample Description: MW-103S

License/Well #: 4189/039 Sampled: 05/18/2016 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.0339	mg/L	0.010	0.032	1			05/20/2016 17:11	NAH	EPA 6010C
Dissolved Manganese	348	ug/L	1.6	5.3	1			05/20/2016 17:11	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725691 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 05/18/2016 1140

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.02	mg/L	N/A	N/A	1			05/18/2016 00:00	SUB	
OX/REDOX (Field)	218	MV	N/A	N/A	1			05/18/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Conductivity (Field)	1110	umhos/cm	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
pH (Field)	6.80	S.U.	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Temperature (Field)	11.46	Deg. C	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Inorganic Results										
Alkalinity Total	450	mg/L	5.0	18	1			05/20/2016 15:58	LJS	EPA 310.2
Total Chloride	180	mg/L	5.6	19	8			05/19/2016 16:21	JJF	EPA 9056A
Total Sulfate	77	mg/L	4.0	14	8			05/19/2016 16:21	JJF	EPA 9056A
Total Organic Carbon	5.6	mg/L	0.50	1.7	1			05/23/2016 20:19	JJF	EPA 9060A
Metals Results										
Total Iron	0.0599	mg/L	0.020 *	0.065	1		05/23/2016 12:00	05/25/2016 23:30	NAH	EPA 6010C
Total Manganese	379	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 23:30	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 12:45	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:45	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 12:45	AMA	Mod RSK 175
Methane	13	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:45	AMA	Mod RSK 175

Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725691 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 05/18/2016 1140

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<1.3	ug/L	1.3	4.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,1,1-Trichloroethane	44	ug/L	1.5	5.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1.6	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,1,2-Trichloroethane	<1.3	ug/L	1.3	4.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,1-Dichloroethane	7.0	ug/L	1.5	4.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,1-Dichloroethene	2.1	ug/L	1.8 *	5.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,1-Dichloropropene	<1.5	ug/L	1.5	4.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<1.3	ug/L	1.3	4.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2,3-Trichloropropane	<1.0	ug/L	1.0	3.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	3.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<1.3	ug/L	1.3	4.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.75	ug/L	0.75	2.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2-Dibromoethane	<1.0	ug/L	1.0	3.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2-Dichlorobenzene	<1.5	ug/L	1.5	4.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2-Dichloroethane	<1.0	ug/L	1.0	3.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,2-Dichloropropane	<1.5	ug/L	1.5	5.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<1.5	ug/L	1.5	5.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,3-Dichlorobenzene	<1.5	ug/L	1.5	5.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,3-Dichloropropane	<1.0	ug/L	1.0	3.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
1,4-Dichlorobenzene	<1.3	ug/L	1.3	4.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
2,2-Dichloropropane	<1.0	ug/L	1.0	3.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
2-Butanone	<20	ug/L	20	70	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
2-Chlorotoluene	<1.5	ug/L	1.5	4.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725691 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 05/18/2016 1140

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
2-Hexanone	<10	ug/L	10	35	25			05/21/2016 18:10	RLD	EPA 8260C
4-Chlorotoluene	<1.3	ug/L	1.3	4.5	25			05/21/2016 18:10	RLD	EPA 8260C
4-Methyl-2-pentanone	<10	ug/L	10	35	25			05/21/2016 18:10	RLD	EPA 8260C
Acetone	660	ug/L	23	78	25	B		05/21/2016 18:10	RLD	EPA 8260C
Benzene	<1.5	ug/L	1.5	4.5	25			05/21/2016 18:10	RLD	EPA 8260C
Bromobenzene	<1.0	ug/L	1.0	3.5	25			05/21/2016 18:10	RLD	EPA 8260C
Bromochloromethane	<0.43	ug/L	0.43	1.5	25			05/21/2016 18:10	RLD	EPA 8260C
Bromodichloromethane	<0.43	ug/L	0.43	1.5	25			05/21/2016 18:10	RLD	EPA 8260C
Bromoform	<0.45	ug/L	0.45	1.5	25			05/21/2016 18:10	RLD	EPA 8260C
Bromomethane	<2.3	ug/L	2.3	7.3	25			05/21/2016 18:10	RLD	EPA 8260C
Carbon disulfide	<2.8	ug/L	2.8	9.5	25			05/21/2016 18:10	RLD	EPA 8260C
Carbon tetrachloride	<1.5	ug/L	1.5	5.0	25			05/21/2016 18:10	RLD	EPA 8260C
Chlorobenzene	<1.0	ug/L	1.0	3.5	25			05/21/2016 18:10	RLD	EPA 8260C
Chloroethane	<1.5	ug/L	1.5	5.3	25			05/21/2016 18:10	RLD	EPA 8260C
Chloroform	<1.5	ug/L	1.5	5.0	25			05/21/2016 18:10	RLD	EPA 8260C
Chloromethane	<1.3	ug/L	1.3	4.5	25			05/21/2016 18:10	RLD	EPA 8260C
cis-1,2-Dichloroethene	43	ug/L	1.5	5.3	25			05/21/2016 18:10	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.38	ug/L	0.38	1.2	25			05/21/2016 18:10	RLD	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.4	25			05/21/2016 18:10	RLD	EPA 8260C
Dibromomethane	<1.5	ug/L	1.5	4.8	25			05/21/2016 18:10	RLD	EPA 8260C
Dichlorodifluoromethane	<1.5	ug/L	1.5	4.8	25			05/21/2016 18:10	RLD	EPA 8260C
Diisopropyl ether	<1.0	ug/L	1.0	3.8	25			05/21/2016 18:10	RLD	EPA 8260C
Ethylbenzene	<1.5	ug/L	1.5	5.3	25			05/21/2016 18:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725691 Sample Description: MW-103D

License/Well #: 4189/040 Sampled: 05/18/2016 1140

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected acetone laboratory contamination.										
Hexachlorobutadiene	<1.8	ug/L	1.8	6.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Isopropylbenzene	<1.3	ug/L	1.3	4.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
m & p-Xylene	<3.0	ug/L	3.0	10	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Methyl tert-butyl ether	<1.0	ug/L	1.0	3.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Methylene chloride	<1.5	ug/L	1.5	5.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
n-Butylbenzene	<1.3	ug/L	1.3	4.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
n-Propylbenzene	<1.3	ug/L	1.3	4.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Naphthalene	<1.3	ug/L	1.3	4.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
o-Xylene	<1.3	ug/L	1.3	4.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
p-Isopropyltoluene	<1.5	ug/L	1.5	5.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
sec-Butylbenzene	<1.3	ug/L	1.3	4.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Styrene	<1.3	ug/L	1.3	3.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
tert-Butylbenzene	<1.5	ug/L	1.5	4.8	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Tetrachloroethene	<1.5	ug/L	1.5	5.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Tetrahydrofuran	<15	ug/L	15	53	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Toluene	<1.5	ug/L	1.5	5.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
trans-1,2-Dichloroethene	<1.5	ug/L	1.5	5.0	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.35	ug/L	0.35	1.2	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Trichloroethene	390	ug/L	0.75	2.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Trichlorofluoromethane	<1.3	ug/L	1.3	4.5	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Vinyl acetate	<13	ug/L	13	40	25		05/21/2016 18:10	18:10	RLD	EPA 8260C
Vinyl chloride	<0.40	ug/L	0.40	1.3	25		05/21/2016 18:10	18:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725694 Sample Description: MW-103D License/Well #: 4189/040 Sampled: 05/18/2016 1140

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/20/2016 17:18	NAH	EPA 6010C
Dissolved Manganese	335	ug/L	1.6	5.3	1			05/20/2016 17:18	NAH	EPA 6010C

CT LAB Sample#: 725695 Sample Description: MW-103D DUP License/Well #: 4189/040 Sampled: 05/18/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Alkalinity Total	450	mg/L	5.0	18	1			05/20/2016 15:22	LJS	EPA 310.2
Total Chloride	180	mg/L	5.6	19	8			05/19/2016 16:40	JJF	EPA 9056A
Total Sulfate	74	mg/L	4.0	14	8			05/19/2016 16:40	JJF	EPA 9056A
Total Organic Carbon	6.7	mg/L	0.50	1.7	1			05/23/2016 20:30	JJF	EPA 9060A
Metals Results										
Total Iron	0.228	mg/L	0.020	0.065	1		05/23/2016 12:00	05/25/2016 23:36	NAH	EPA 6010C
Total Manganese	364	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 23:36	NAH	EPA 6010C
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 12:56	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:56	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 12:56	AMA	Mod RSK 175
Methane	12	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 12:56	AMA	Mod RSK 175
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 18:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725695 Sample Description: MW-103D DUP

License/Well #: 4189/040

Sampled: 05/18/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
1,1,1-Trichloroethane	34	ug/L	0.60	2.1	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.20	0.65	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.7	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,1-Dichloroethane	5.8	ug/L	0.60	1.9	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,1-Dichloroethene	1.3	ug/L	0.70 *	2.3	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,1-Dichloropropene	<0.60	ug/L	0.60	1.9	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.6	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.40	ug/L	0.40	1.3	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.3	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2-Dibromoethane	<0.40	ug/L	0.40	1.4	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2-Dichloroethane	<0.40	ug/L	0.40	1.4	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,2-Dichloropropane	<0.60	ug/L	0.60	2.0	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.60	ug/L	0.60	2.0	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.60	ug/L	0.60	2.1	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
2,2-Dichloropropane	<0.40	ug/L	0.40	1.2	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
2-Butanone	<8.0	ug/L	8.0	28	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
2-Chlorotoluene	<0.60	ug/L	0.60	1.9	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C
2-Hexanone	<4.0	ug/L	4.0	14	10		05/21/2016 18:39	05/21/2016 18:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725695 Sample Description: MW-103D DUP

License/Well #: 4189/040 Sampled: 05/18/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
4-Chlorotoluene	<0.50	ug/L	0.50	1.8	10			05/21/2016 18:39	RLD	EPA 8260C
4-Methyl-2-pentanone	<4.0	ug/L	4.0	14	10			05/21/2016 18:39	RLD	EPA 8260C
Acetone	230	ug/L	9.0	31	10	B		05/21/2016 18:39	RLD	EPA 8260C
Benzene	<0.60	ug/L	0.60	1.8	10			05/21/2016 18:39	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.4	10			05/21/2016 18:39	RLD	EPA 8260C
Bromochloromethane	<0.17	ug/L	0.17	0.58	10			05/21/2016 18:39	RLD	EPA 8260C
Bromodichloromethane	<0.17	ug/L	0.17	0.58	10			05/21/2016 18:39	RLD	EPA 8260C
Bromoform	<0.18	ug/L	0.18	0.60	10			05/21/2016 18:39	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	2.9	10			05/21/2016 18:39	RLD	EPA 8260C
Carbon disulfide	<1.1	ug/L	1.1	3.8	10			05/21/2016 18:39	RLD	EPA 8260C
Carbon tetrachloride	<0.60	ug/L	0.60	2.0	10			05/21/2016 18:39	RLD	EPA 8260C
Chlorobenzene	<0.40	ug/L	0.40	1.4	10			05/21/2016 18:39	RLD	EPA 8260C
Chloroethane	<0.60	ug/L	0.60	2.1	10			05/21/2016 18:39	RLD	EPA 8260C
Chloroform	<0.60	ug/L	0.60	2.0	10			05/21/2016 18:39	RLD	EPA 8260C
Chloromethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 18:39	RLD	EPA 8260C
cis-1,2-Dichloroethene	33	ug/L	0.60	2.1	10			05/21/2016 18:39	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.15	ug/L	0.15	0.49	10			05/21/2016 18:39	RLD	EPA 8260C
Dibromochloromethane	<0.16	ug/L	0.16	0.54	10			05/21/2016 18:39	RLD	EPA 8260C
Dibromomethane	<0.60	ug/L	0.60	1.9	10			05/21/2016 18:39	RLD	EPA 8260C
Dichlorodifluoromethane	<0.60	ug/L	0.60	1.9	10			05/21/2016 18:39	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.5	10			05/21/2016 18:39	RLD	EPA 8260C
Ethylbenzene	<0.60	ug/L	0.60	2.1	10			05/21/2016 18:39	RLD	EPA 8260C
Hexachlorobutadiene	<0.70	ug/L	0.70	2.4	10			05/21/2016 18:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725695 Sample Description: MW-103D DUP

License/Well #: 4189/040 Sampled: 05/18/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected methylene chloride and acetone laboratory contamination.										
Isopropylbenzene	<0.50	ug/L	0.50	1.7	10			05/21/2016 18:39	RLD	EPA 8260C
m & p-Xylene	<1.2	ug/L	1.2	4.0	10			05/21/2016 18:39	RLD	EPA 8260C
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	10			05/21/2016 18:39	RLD	EPA 8260C
Methylene chloride	<0.60	ug/L	0.60	2.1	10			05/21/2016 18:39	RLD	EPA 8260C
n-Butylbenzene	<0.50	ug/L	0.50	1.7	10			05/21/2016 18:39	RLD	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.6	10			05/21/2016 18:39	RLD	EPA 8260C
Naphthalene	<0.50	ug/L	0.50	1.8	10			05/21/2016 18:39	RLD	EPA 8260C
o-Xylene	<0.50	ug/L	0.50	1.6	10			05/21/2016 18:39	RLD	EPA 8260C
p-Isopropyltoluene	<0.60	ug/L	0.60	2.1	10			05/21/2016 18:39	RLD	EPA 8260C
sec-Butylbenzene	<0.50	ug/L	0.50	1.8	10			05/21/2016 18:39	RLD	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.5	10			05/21/2016 18:39	RLD	EPA 8260C
tert-Butylbenzene	<0.60	ug/L	0.60	1.9	10			05/21/2016 18:39	RLD	EPA 8260C
Tetrachloroethene	<0.60	ug/L	0.60	2.0	10			05/21/2016 18:39	RLD	EPA 8260C
Tetrahydrofuran	<6.0	ug/L	6.0	21	10			05/21/2016 18:39	RLD	EPA 8260C
Toluene	<0.60	ug/L	0.60	2.1	10			05/21/2016 18:39	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.60	ug/L	0.60	2.0	10			05/21/2016 18:39	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.48	10			05/21/2016 18:39	RLD	EPA 8260C
Trichloroethene	340	ug/L	3.0	11	10			05/24/2016 22:21	AGK	EPA 8260C
Trichlorofluoromethane	<0.50	ug/L	0.50	1.8	10			05/21/2016 18:39	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	16	10			05/21/2016 18:39	RLD	EPA 8260C
Vinyl chloride	0.50	ug/L	0.16 *	0.52	10			05/21/2016 18:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725696 Sample Description: MW-103D DUP License/Well #: 4189/040 Sampled: 05/18/2016 1145

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/20/2016 17:25	NAH	EPA 6010C
Dissolved Manganese	331	ug/L	1.6	5.3	1			05/20/2016 17:25	NAH	EPA 6010C

CT LAB Sample#: 725697 Sample Description: OW-6 License/Well #: 4189/049 Sampled: 05/18/2016 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	3.40	mg/L	N/A	N/A	1			05/18/2016 00:00	SUB	
OX/REDOX (Field)	163	MV	N/A	N/A	1			05/18/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Conductivity (Field)	637	umhos/cm	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
pH (Field)	9.18	S.U.	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Temperature (Field)	12.40	Deg. C	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	240	mg/L	5.0	18	1			05/20/2016 15:22	LJS	EPA 310.2
Total Chloride	130	mg/L	3.5	12	5			05/19/2016 16:59	JJF	EPA 9056A
Total Sulfate	9.7	mg/L	0.50	1.8	1			05/19/2016 21:58	JJF	EPA 9056A
Total Organic Carbon	0.53	mg/L	0.50 *	1.7	1			05/23/2016 20:42	JJF	EPA 9060A

Metals Results										
Total Iron	0.416	mg/L	0.020	0.065	1		05/23/2016 12:00	05/25/2016 23:43	NAH	EPA 6010C
Total Manganese	16.6	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 23:43	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725697 Sample Description: OW-6 License/Well #: 4189/049 Sampled: 05/18/2016 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 13:08	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 13:08	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 13:08	AMA	Mod RSK 175
Methane	54	ug/L	2.0	6.0	5		05/20/2016 09:05	05/20/2016 13:25	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/21/2016 12:55	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/21/2016 12:55	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/21/2016 12:55	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/21/2016 12:55	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/21/2016 12:55	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/21/2016 12:55	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/21/2016 12:55	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/21/2016 12:55	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/21/2016 12:55	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/21/2016 12:55	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/21/2016 12:55	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/21/2016 12:55	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/21/2016 12:55	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/21/2016 12:55	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/21/2016 12:55	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/21/2016 12:55	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/21/2016 12:55	RLD	EPA 8260C
1,3-Dichlorobenzene	0.091	ug/L	0.060 *	0.21	1			05/21/2016 12:55	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/21/2016 12:55	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/21/2016 12:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725697 Sample Description: OW-6

License/Well #: 4189/049 Sampled: 05/18/2016 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		05/21/2016	12:55	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		05/21/2016	12:55	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		05/21/2016	12:55	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		05/21/2016	12:55	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		05/21/2016	12:55	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		05/21/2016	12:55	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		05/21/2016	12:55	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		05/21/2016	12:55	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/21/2016	12:55	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/21/2016	12:55	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/21/2016	12:55	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/21/2016	12:55	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/21/2016	12:55	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/21/2016	12:55	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/21/2016	12:55	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/21/2016	12:55	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/21/2016	12:55	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/21/2016	12:55	RLD	EPA 8260C
Chloromethane	0.17	ug/L	0.050 *	0.18	1		05/21/2016	12:55	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1		05/21/2016	12:55	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/21/2016	12:55	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/21/2016	12:55	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/21/2016	12:55	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/21/2016	12:55	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/21/2016	12:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725697 Sample Description: OW-6 License/Well #: 4189/049 Sampled: 05/18/2016 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1			05/21/2016 12:55	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1			05/21/2016 12:55	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1			05/21/2016 12:55	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1			05/21/2016 12:55	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1			05/21/2016 12:55	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1			05/21/2016 12:55	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1			05/21/2016 12:55	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1			05/21/2016 12:55	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1			05/21/2016 12:55	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1			05/21/2016 12:55	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1			05/21/2016 12:55	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1			05/21/2016 12:55	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1			05/21/2016 12:55	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1			05/21/2016 12:55	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1			05/21/2016 12:55	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1			05/21/2016 12:55	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1			05/21/2016 12:55	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1			05/21/2016 12:55	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1			05/21/2016 12:55	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1			05/21/2016 12:55	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1			05/21/2016 12:55	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/21/2016 12:55	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/21/2016 12:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725698 Sample Description: OW-6 License/Well #: 4189/049 Sampled: 05/18/2016 1225

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	<0.010	mg/L	0.010	0.032	1			05/20/2016 17:31	NAH	EPA 6010C
Dissolved Manganese	4.8	ug/L	1.6 *	5.3	1			05/20/2016 17:31	NAH	EPA 6010C

CT LAB Sample#: 725700 Sample Description: MW-2D License/Well #: 4189/004 Sampled: 05/18/2016 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0	mg/L	N/A	N/A	1			05/18/2016 00:00	SUB	
OX/REDOX (Field)	25	MV	N/A	N/A	1			05/18/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Conductivity (Field)	1020	umhos/cm	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
pH (Field)	7.03	S.U.	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Temperature (Field)	12.13	Deg. C	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	390	mg/L	5.0	18	1			05/20/2016 15:23	LJS	EPA 310.2
Total Chloride	200	mg/L	7.0	24	10			05/19/2016 17:17	JJF	EPA 9056A
Total Sulfate	45	mg/L	5.0	18	10			05/19/2016 17:17	JJF	EPA 9056A
Total Organic Carbon	2.8	mg/L	0.50	1.7	1	Y		05/23/2016 21:27	JJF	EPA 9060A

Metals Results										
Total Iron	0.423	mg/L	0.020	0.065	1		05/23/2016 12:00	05/25/2016 23:50	NAH	EPA 6010C
Total Manganese	19.3	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 23:50	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725700 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 05/18/2016 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 13:35	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 13:35	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 13:35	AMA	Mod RSK 175
Methane	68	ug/L	2.0	6.0	5		05/20/2016 09:05	05/20/2016 13:45	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 18:15	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 18:15	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 18:15	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 18:15	RLD	EPA 8260C
1,1-Dichloroethane	0.13	ug/L	0.060 *	0.19	1			05/20/2016 18:15	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 18:15	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 18:15	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 18:15	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 18:15	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 18:15	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 18:15	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 18:15	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 18:15	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 18:15	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 18:15	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 18:15	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 18:15	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 18:15	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 18:15	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 18:15	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725700 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 05/18/2016 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		05/20/2016	18:15	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		05/20/2016	18:15	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		05/20/2016	18:15	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		05/20/2016	18:15	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		05/20/2016	18:15	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		05/20/2016	18:15	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		05/20/2016	18:15	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		05/20/2016	18:15	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	18:15	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016	18:15	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016	18:15	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/20/2016	18:15	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/20/2016	18:15	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/20/2016	18:15	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/20/2016	18:15	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016	18:15	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/20/2016	18:15	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/20/2016	18:15	RLD	EPA 8260C
Chloromethane	0.13	ug/L	0.050 *	0.18	1		05/20/2016	18:15	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.24	ug/L	0.060	0.21	1		05/20/2016	18:15	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/20/2016	18:15	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/20/2016	18:15	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	18:15	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	18:15	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	18:15	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725700 Sample Description: MW-2D

License/Well #: 4189/004 Sampled: 05/18/2016 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	18:15	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	18:15	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	18:15	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	18:15	RLD	EPA 8260C
Methyl tert-butyl ether	0.095	ug/L	0.040 *	0.15	1		05/20/2016	18:15	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	18:15	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	18:15	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	18:15	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	18:15	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	18:15	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	18:15	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	18:15	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	18:15	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016	18:15	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	18:15	RLD	EPA 8260C
Tetrahydrofuran	0.98	ug/L	0.60 *	2.1	1	B	05/20/2016	18:15	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	18:15	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	18:15	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016	18:15	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/20/2016	18:15	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	18:15	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016	18:15	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/20/2016	18:15	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725701 Sample Description: MW-2D License/Well #: 4189/004 Sampled: 05/18/2016 1315

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.340	mg/L	0.010	0.032	1			05/20/2016 17:38	NAH	EPA 6010C
Dissolved Manganese	15.8	ug/L	1.6	5.3	1			05/20/2016 17:38	NAH	EPA 6010C

CT LAB Sample#: 725708 Sample Description: MW-3D License/Well #: 4189/006 Sampled: 05/18/2016 1430

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	0.44	mg/L	N/A	N/A	1			05/18/2016 00:00	SUB	
OX/REDOX (Field)	54	MV	N/A	N/A	1			05/18/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Conductivity (Field)	970	umhos/cm	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
pH (Field)	7.08	S.U.	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Temperature (Field)	11.98	Deg. C	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD

Inorganic Results

Alkalinity Total	360	mg/L	5.0	18	1			05/20/2016 16:00	LJS	EPA 310.2
Total Chloride	190	mg/L	5.6	19	8			05/19/2016 18:14	JJF	EPA 9056A
Total Sulfate	47	mg/L	4.0	14	8			05/19/2016 18:14	JJF	EPA 9056A
Total Organic Carbon	1.8	mg/L	0.50	1.7	1			05/23/2016 22:26	JJF	EPA 9060A

Metals Results

Total Iron	0.437	mg/L	0.020	0.065	1		05/23/2016 12:00	05/25/2016 23:57	NAH	EPA 6010C
Total Manganese	45.3	ug/L	1.4	4.7	1		05/23/2016 12:00	05/25/2016 23:57	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725708 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 05/18/2016 1430

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 13:55	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 13:55	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 13:55	AMA	Mod RSK 175
Methane	32	ug/L	0.80	2.4	2		05/20/2016 09:05	05/20/2016 14:05	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 18:44	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 18:44	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 18:44	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 18:44	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 18:44	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 18:44	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 18:44	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 18:44	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 18:44	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 18:44	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 18:44	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 18:44	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 18:44	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 18:44	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 18:44	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 18:44	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 18:44	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 18:44	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 18:44	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 18:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725708 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 05/18/2016 1430

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Chloromethane	0.14	ug/L	0.050 *	0.18	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.35	ug/L	0.060	0.21	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016 18:44	18:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725708 Sample Description: MW-3D

License/Well #: 4189/006 Sampled: 05/18/2016 1430

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Methyl tert-butyl ether	0.38	ug/L	0.040	0.15	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016 18:44	18:44	RLD	EPA 8260C
Vinyl chloride	0.024	ug/L	0.016 *	0.052	1		05/20/2016 18:44	18:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725709 Sample Description: MW-3D License/Well #: 4189/006 Sampled: 05/18/2016 1430

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.471	mg/L	0.010	0.032	1			05/20/2016 17:45	NAH	EPA 6010C
Dissolved Manganese	37.7	ug/L	1.6	5.3	1			05/20/2016 17:45	NAH	EPA 6010C

CT LAB Sample#: 725710 Sample Description: TW-2021 License/Well #: 4189/048 Sampled: 05/18/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Dissolved Oxygen (Field)	2.55	mg/L	N/A	N/A	1			05/18/2016 00:00	SUB	
OX/REDOX (Field)	55	MV	N/A	N/A	1			05/18/2016 00:00	SUB	
Color (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Conductivity (Field)	1190	umhos/cm	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
pH (Field)	7.02	S.U.	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Temperature (Field)	11.28	Deg. C	N/A	N/A	1			05/18/2016 00:00	SUB	FIELD
Turbidity (Field)	clear		N/A	N/A	1			05/18/2016 00:00	SUB	FIELD

Inorganic Results										
Alkalinity Total	370	mg/L	5.0	18	1			05/20/2016 15:25	LJS	EPA 310.2
Total Chloride	260	mg/L	7.0	24	10			05/19/2016 18:32	JJF	EPA 9056A
Total Sulfate	51	mg/L	5.0	18	10			05/19/2016 18:32	JJF	EPA 9056A
Total Organic Carbon	3.6	mg/L	0.50	1.7	1			05/23/2016 22:38	JJF	EPA 9060A

Metals Results										
Total Iron	0.169	mg/L	0.020	0.065	1		05/23/2016 12:00	05/26/2016 00:03	NAH	EPA 6010C
Total Manganese	486	ug/L	1.4	4.7	1		05/23/2016 12:00	05/26/2016 00:03	NAH	EPA 6010C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725710 Sample Description: TW-2021

License/Well #: 4189/048 Sampled: 05/18/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Acetylene	<0.23	ug/L	0.23	0.77	1		05/20/2016 09:05	05/20/2016 14:15	AMA	Mod RSK 175
Ethane	<0.40	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 14:15	AMA	Mod RSK 175
Ethene	<0.50	ug/L	0.50	1.8	1		05/20/2016 09:05	05/20/2016 14:15	AMA	Mod RSK 175
Methane	4.4	ug/L	0.40	1.2	1		05/20/2016 09:05	05/20/2016 14:15	AMA	Mod RSK 175
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 19:13	RLD	EPA 8260C
1,1,1-Trichloroethane	0.24	ug/L	0.060	0.21	1			05/20/2016 19:13	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 19:13	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 19:13	RLD	EPA 8260C
1,1-Dichloroethane	0.13	ug/L	0.060 *	0.19	1			05/20/2016 19:13	RLD	EPA 8260C
1,1-Dichloroethene	0.092	ug/L	0.070 *	0.23	1			05/20/2016 19:13	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 19:13	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 19:13	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 19:13	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 19:13	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 19:13	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 19:13	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 19:13	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 19:13	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 19:13	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 19:13	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 19:13	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 19:13	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 19:13	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 19:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725710 Sample Description: TW-2021

License/Well #: 4189/048 Sampled: 05/18/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 19:13	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 19:13	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 19:13	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 19:13	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 19:13	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 19:13	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 19:13	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 19:13	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 19:13	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 19:13	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 19:13	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 19:13	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 19:13	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 19:13	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 19:13	RLD	EPA 8260C
Chlorobenzene	0.45	ug/L	0.040	0.14	1			05/20/2016 19:13	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 19:13	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 19:13	RLD	EPA 8260C
Chloromethane	0.13	ug/L	0.050 *	0.18	1			05/20/2016 19:13	RLD	EPA 8260C
cis-1,2-Dichloroethene	19	ug/L	0.12	0.42	2			05/21/2016 16:15	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 19:13	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1			05/20/2016 19:13	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 19:13	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 19:13	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1			05/20/2016 19:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725710 Sample Description: TW-2021

License/Well #: 4189/048 Sampled: 05/18/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
trans-1,2-Dichloroethene	1.5	ug/L	0.060	0.20	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Trichloroethene	12	ug/L	0.030	0.10	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Vinyl acetate	<0.50	ug/L	0.50	1.6	1		05/20/2016 19:13	19:13	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1		05/20/2016 19:13	19:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725711 Sample Description: TW-2021 License/Well #: 4189/048 Sampled: 05/18/2016 1520

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Metals Results										
Dissolved Iron	0.126	mg/L	0.010	0.032	1			05/20/2016 18:10	NAH	EPA 6010C
Dissolved Manganese	448	ug/L	1.6	5.3	1			05/20/2016 18:10	NAH	EPA 6010C

CT LAB Sample#: 725712 Sample Description: TB-5 License/Well #: 4189/999 Sampled: 05/18/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:30	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:30	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.020	ug/L	0.020	0.065	1			05/20/2016 13:30	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.17	1			05/20/2016 13:30	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:30	RLD	EPA 8260C
1,1-Dichloroethene	<0.070	ug/L	0.070	0.23	1			05/20/2016 13:30	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:30	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:30	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:30	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:30	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.050	ug/L	0.050	0.17	1			05/20/2016 13:30	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.030	ug/L	0.030	0.10	1			05/20/2016 13:30	RLD	EPA 8260C
1,2-Dibromoethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:30	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:30	RLD	EPA 8260C
1,2-Dichloroethane	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:30	RLD	EPA 8260C
1,2-Dichloropropane	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725712 Sample Description: TB-5

License/Well #: 4189/999 Sampled: 05/18/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:30	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:30	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1			05/20/2016 13:30	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.050	ug/L	0.050	0.16	1			05/20/2016 13:30	RLD	EPA 8260C
2,2-Dichloropropane	<0.040	ug/L	0.040	0.12	1			05/20/2016 13:30	RLD	EPA 8260C
2-Butanone	<0.80	ug/L	0.80	2.8	1			05/20/2016 13:30	RLD	EPA 8260C
2-Chlorotoluene	<0.060	ug/L	0.060	0.19	1			05/20/2016 13:30	RLD	EPA 8260C
2-Hexanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 13:30	RLD	EPA 8260C
4-Chlorotoluene	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:30	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.40	ug/L	0.40	1.4	1			05/20/2016 13:30	RLD	EPA 8260C
Acetone	<0.90	ug/L	0.90	3.1	1			05/20/2016 13:30	RLD	EPA 8260C
Benzene	<0.060	ug/L	0.060	0.18	1			05/20/2016 13:30	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:30	RLD	EPA 8260C
Bromochloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 13:30	RLD	EPA 8260C
Bromodichloromethane	<0.017	ug/L	0.017	0.058	1			05/20/2016 13:30	RLD	EPA 8260C
Bromoform	<0.018	ug/L	0.018	0.060	1			05/20/2016 13:30	RLD	EPA 8260C
Bromomethane	<0.090	ug/L	0.090	0.29	1			05/20/2016 13:30	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.38	1			05/20/2016 13:30	RLD	EPA 8260C
Carbon tetrachloride	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:30	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.14	1			05/20/2016 13:30	RLD	EPA 8260C
Chloroethane	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:30	RLD	EPA 8260C
Chloroform	<0.060	ug/L	0.060	0.20	1			05/20/2016 13:30	RLD	EPA 8260C
Chloromethane	<0.050	ug/L	0.050	0.18	1			05/20/2016 13:30	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.060	ug/L	0.060	0.21	1			05/20/2016 13:30	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.015	ug/L	0.015	0.049	1			05/20/2016 13:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725712 Sample Description: TB-5

License/Well #: 4189/999 Sampled: 05/18/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.016	ug/L	0.016	0.054	1		05/20/2016	13:30	RLD	EPA 8260C
Dibromomethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:30	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:30	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	13:30	RLD	EPA 8260C
Ethylbenzene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:30	RLD	EPA 8260C
Hexachlorobutadiene	<0.070	ug/L	0.070	0.24	1		05/20/2016	13:30	RLD	EPA 8260C
Isopropylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	13:30	RLD	EPA 8260C
m & p-Xylene	<0.12	ug/L	0.12	0.40	1		05/20/2016	13:30	RLD	EPA 8260C
Methyl tert-butyl ether	<0.040	ug/L	0.040	0.15	1		05/20/2016	13:30	RLD	EPA 8260C
Methylene chloride	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:30	RLD	EPA 8260C
n-Butylbenzene	<0.050	ug/L	0.050	0.17	1		05/20/2016	13:30	RLD	EPA 8260C
n-Propylbenzene	<0.050	ug/L	0.050	0.16	1		05/20/2016	13:30	RLD	EPA 8260C
Naphthalene	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:30	RLD	EPA 8260C
o-Xylene	<0.050	ug/L	0.050	0.16	1		05/20/2016	13:30	RLD	EPA 8260C
p-Isopropyltoluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:30	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:30	RLD	EPA 8260C
Styrene	<0.050	ug/L	0.050	0.15	1		05/20/2016	13:30	RLD	EPA 8260C
tert-Butylbenzene	<0.060	ug/L	0.060	0.19	1		05/20/2016	13:30	RLD	EPA 8260C
Tetrachloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:30	RLD	EPA 8260C
Tetrahydrofuran	<0.60	ug/L	0.60	2.1	1		05/20/2016	13:30	RLD	EPA 8260C
Toluene	<0.060	ug/L	0.060	0.21	1		05/20/2016	13:30	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.060	ug/L	0.060	0.20	1		05/20/2016	13:30	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.014	ug/L	0.014	0.048	1		05/20/2016	13:30	RLD	EPA 8260C
Trichloroethene	<0.030	ug/L	0.030	0.10	1		05/20/2016	13:30	RLD	EPA 8260C
Trichlorofluoromethane	<0.050	ug/L	0.050	0.18	1		05/20/2016	13:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LAB Sample#: 725712 Sample Description: TB-5 License/Well #: 4189/999 Sampled: 05/18/2016

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<0.50	ug/L	0.50	1.6	1			05/20/2016 13:30	RLD	EPA 8260C
Vinyl chloride	<0.016	ug/L	0.016	0.052	1			05/20/2016 13:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Reason for Revision Incorrect field data were provided for TW-2021.

Submitted by: Brett M. Szymanski
 Project Manager
 608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

QC SUMMARY REPORT

TETRA TECH

SDG #: 0

Folder #: 119119

**Project Name: WDNR OCONOMOWOC
 ELECTROPLATING
 Project Number: 117-741300.01**

Duplicate

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727274	Analysis Time:	21:43	Prep Date/Time:	Method:	SW9060
Parent Sample #:	725700	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	1.97	mg/L	2.8					35	20

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-741300.01

Lab Control Spike Water

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	727270	Analysis Time:	18:22	Prep Date/Time:		Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	53.41	mg/L			50.00	107	85 --- 111		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Method Blank Water

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	727266	Analysis Time:	18:36	Prep Date/Time:	Method:	SW9060
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-741300.01

Matrix Spike Duplicate Water

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727276	Analysis Time:	22:11	Prep Date/Time:	Method:	SW9060
Parent Sample #:	727275	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	50.0	mg/L	2.8		50.0	94	82 --- 119	3	6

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Matrix Spike Water

Analytical Run #:	126148	Analysis Date:	05/23/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727275	Analysis Time:	21:57	Prep Date/Time:	Method:	SW9060
Parent Sample #:	725700	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Organic Carbon	51.6	mg/L	2.8		50.0	98	82 --- 119		6

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Duplicate

Analytical Run #:	126221	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	726023	Analysis Time:	22:17	Prep Date/Time:	Method:	SW9056A
Parent Sample #:	725689	Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	57.1	mg/L	57					0	20
Total Sulfate	68.3	mg/L	69					1	20

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-741300.01

Lab Control Spike Water

Analytical Run #:	126221	Analysis Date:	05/19/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726015	Analysis Time:	13:38	Prep Date/Time:	Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	14.65	mg/L			15.00	98	80 --- 120		
Sulfate	25.71	mg/L			25.00	103	80 --- 120		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Method Blank Water

Analytical Run #:	126221	Analysis Date:	05/19/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	726016	Analysis Time:	13:57	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Chloride	0.7	mg/L		U	0		0.7		
Sulfate	0.5	mg/L		U	0		0.5		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Matrix Spike Water

Analytical Run #:	126221	Analysis Date:	05/19/2016	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	726024	Analysis Time:	22:36	Prep Date/Time:		Method:	SW9056A
Parent Sample #:	725689	Analyst:	JJF	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Chloride	101	mg/L	57		40.0	110	80 --- 120		20
Total Sulfate	110	mg/L	69		40.0	102	80 --- 120		20

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING

Project Number: 117-741300.01

Lab Control Spike Water

Analytical Run #:	126280	Analysis Date:	05/20/2016	Prep Batch #:		Matrix:	LIQUID
CTLab #:	726462	Analysis Time:	15:31	Prep Date/Time:		Method:	E310.2
Parent Sample #:		Analyst:	LJS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	368.0	mg/L			375.0	98	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-741300.01

Method Blank Water

Analytical Run #:	126280	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726463	Analysis Time:	15:32	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	LJS	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	5	mg/L		U	0			5	

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Duplicate

Analytical Run #:	126281	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	726521	Analysis Time:	15:26	Prep Date/Time:	Method:	E310.2
Parent Sample #:	725710	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity Dissolved	372	mg/L	370					1	10
Alkalinity Total	372	mg/L	370					1	7

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Lab Control Spike Water

Analytical Run #:	126281	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726464	Analysis Time:	15:05	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	LJS	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	368.0	mg/L			375.0	98	90 --- 110		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Method Blank Water

Analytical Run #:	126281	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726465	Analysis Time:	15:06	Prep Date/Time:	Method:	E310.2
Parent Sample #:		Analyst:	LJS	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Alkalinity	5	mg/L		U	0			5	

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Matrix Spike Duplicate Water

Analytical Run #:	126219	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	GROUND WATER
CTLab #:	727192	Analysis Time:	17:05	Prep Date/Time:	Method:	SW6010
Parent Sample #:	727191	Analyst:	DC	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	3.60	mg/L	1.54		2.00	103	72 --- 113	1	18
Manganese	1000	ug/L	34.2		1000	97	67 --- 121	5	13

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Matrix Spike Water

Analytical Run #:	126219	Analysis Date:	05/20/2016	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	727191	Analysis Time:	16:59	Prep Date/Time:		Method:	SW6010
Parent Sample #:	725688	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	3.65	mg/L	1.54		2.00	106	72 --- 113		18
Manganese	952	ug/L	34.2		1000	92	67 --- 121		13

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Lab Control Spike Water

Analytical Run #:	126328	Analysis Date:	05/25/2016	Prep Batch #:	57387	Matrix:	LIQUID
CTLab #:	726935	Analysis Time:	22:26	Prep Date/Time:	05/23/2016 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.4150	mg/L			0.4000	104	80 --- 115		
Manganese	214.0	ug/L			200.0	107	86 --- 112		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-741300.01

Method Blank Water

Analytical Run #:	126328	Analysis Date:	05/25/2016	Prep Batch #:	57387	Matrix:	LIQUID
CTLab #:	726934	Analysis Time:	22:33	Prep Date/Time:	05/23/2016 12:00	Method:	SW6010
Parent Sample #:		Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	0.02	mg/L		U	0		0.02		
Manganese	1.4	ug/L		U	0		1.4		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Matrix Spike Duplicate Water

Analytical Run #:	126328	Analysis Date:	05/25/2016	Prep Batch #:	57387	Matrix:	GROUND WATER
CTLab #:	726937	Analysis Time:	22:52	Prep Date/Time:	05/23/2016 12:00	Method:	SW6010
Parent Sample #:	726936	Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.78	mg/L	1.40		0.400	95	72 --- 118	2	11
Manganese	250	ug/L	37.7		200	106	84 --- 111	0	7

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC

ELECTROPLATING

Project Number: 117-741300.01

Matrix Spike Water

Analytical Run #:	126328	Analysis Date:	05/25/2016	Prep Batch #:	57387	Matrix:	GROUND WATER
CTLab #:	726936	Analysis Time:	22:46	Prep Date/Time:	05/23/2016 12:00	Method:	SW6010
Parent Sample #:	725682	Analyst:	NAH	Prep Analyst:	NAH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Iron	1.82	mg/L	1.40		0.400	105	72 --- 118		
Manganese	249	ug/L	37.7		200	106	84 --- 111		

Lab Control Spike Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726317	Analysis Time:	11:36	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.89	ug/L			4.00	97	74 --- 127		
1,1,1-Trichloroethane	3.84	ug/L			4.00	96	73 --- 132		
1,1,2,2-Tetrachloroethane	4.18	ug/L			4.00	104	67 --- 129		
1,1,2-Trichloroethane	4.02	ug/L			4.00	100	73 --- 129		
1,1-Dichloroethane	4.06	ug/L			4.00	102	73 --- 129		
1,1-Dichloroethene	4.10	ug/L			4.00	102	73 --- 132		
1,1-Dichloropropene	3.96	ug/L			4.00	99	75 --- 125		
1,2-Dichloroethane-d4	94.0	% Recovery			100	94.0	68 --- 120		
1,2,3-Trichlorobenzene	3.96	ug/L			4.00	99	72 --- 125		
1,2,3-Trichloropropane	4.18	ug/L			4.00	104	68 --- 136		
1,2,4-Trichlorobenzene	4.21	ug/L			4.00	105	67 --- 124		
1,2,4-Trimethylbenzene	4.09	ug/L			4.00	102	77 --- 123		
1,2-Dibromo-3-chloropropane	3.90	ug/L			4.00	98	56 --- 138		
1,2-Dibromoethane	4.06	ug/L			4.00	102	76 --- 127		
1,2-Dichlorobenzene	4.04	ug/L			4.00	101	82 --- 120		
1,2-Dichloroethane	4.15	ug/L			4.00	104	72 --- 134		
1,2-Dichloropropane	4.10	ug/L			4.00	102	76 --- 124		
1,3,5-Trimethylbenzene	4.06	ug/L			4.00	102	77 --- 124		
1,3-Dichlorobenzene	3.94	ug/L			4.00	98	81 --- 120		
1,3-Dichloropropane	4.11	ug/L			4.00	103	76 --- 125		
1,4-Dichlorobenzene	3.92	ug/L			4.00	98	80 --- 120		
2,2-Dichloropropane	4.10	ug/L			4.00	102	54 --- 144		
2-Butanone	42.7	ug/L			40.0	107	57 --- 144		
2-Chlorotoluene	4.07	ug/L			4.00	102	77 --- 123		
2-Hexanone	43.7	ug/L			40.0	109	61 --- 132		
4-Chlorotoluene	4.00	ug/L			4.00	100	76 --- 124		
4-Methyl-2-pentanone	45.9	ug/L			40.0	115	64 --- 135		
Acetone	37.7	ug/L			40.0	94	51 --- 152		
Benzene	4.04	ug/L			4.00	101	80 --- 122		
Bromobenzene	3.97	ug/L			4.00	99	81 --- 120		
Bromochloromethane	3.71	ug/L			4.00	93	78 --- 126		
Bromodichloromethane	3.91	ug/L			4.00	98	67 --- 132		
Bromofluorobenzene	95.0	% Recovery			100	95.0	68 --- 120		
Bromoform	4.00	ug/L			4.00	100	55 --- 132		
Bromomethane	4.65	ug/L			4.00	116	65 --- 141		
Carbon disulfide	7.80	ug/L			8.00	98	61 --- 140		
Carbon tetrachloride	3.85	ug/L			4.00	96	72 --- 133		
Chlorobenzene	4.13	ug/L			4.00	103	80 --- 122		
Chloroethane	4.67	ug/L			4.00	117	71 --- 134		
Chloroform	3.95	ug/L			4.00	99	73 --- 127		
Chloromethane	4.43	ug/L			4.00	111	72 --- 128		
cis-1,2-Dichloroethene	3.92	ug/L			4.00	98	76 --- 127		

Lab Control Spike Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726317	Analysis Time:	11:36	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.97	ug/L			4.00	99	72 --- 125		
d8-Toluene	98.0	% Recovery			100	98.0	71 --- 117		
Dibromochloromethane	4.03	ug/L			4.00	101	60 --- 131		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 121		
Dibromomethane	4.08	ug/L			4.00	102	76 --- 129		
Dichlorodifluoromethane	3.92	ug/L			4.00	98	64 --- 149		
Diisopropyl ether	4.17	ug/L			4.00	104	62 --- 137		
Ethylbenzene	4.22	ug/L			4.00	106	80 --- 121		
Hexachlorobutadiene	4.35	ug/L			4.00	109	71 --- 131		
Isopropylbenzene	4.22	ug/L			4.00	106	75 --- 122		
m & p-Xylene	8.34	ug/L			8.00	104	80 --- 121		
Methyl tert-butyl ether	4.12	ug/L			4.00	103	63 --- 135		
Methylene chloride	4.60	ug/L			4.00	115	38 --- 174		
n-Butylbenzene	4.15	ug/L			4.00	104	71 --- 125		
n-Propylbenzene	4.10	ug/L			4.00	102	76 --- 122		
Naphthalene	3.87	ug/L			4.00	97	64 --- 126		
o-Xylene	4.19	ug/L			4.00	105	77 --- 120		
p-Isopropyltoluene	4.31	ug/L			4.00	108	76 --- 122		
sec-Butylbenzene	4.03	ug/L			4.00	101	75 --- 122		
Styrene	4.12	ug/L			4.00	103	76 --- 121		
tert-Butylbenzene	4.12	ug/L			4.00	103	77 --- 120		
Tetrachloroethene	4.05	ug/L			4.00	101	75 --- 127		
Tetrahydrofuran	45.5	ug/L			40.0	114	60 --- 131		
Toluene	4.03	ug/L			4.00	101	80 --- 122		
trans-1,2-Dichloroethene	4.09	ug/L			4.00	102	68 --- 136		
trans-1,3-Dichloropropene	4.05	ug/L			4.00	101	65 --- 126		
Trichloroethene	3.97	ug/L			4.00	99	78 --- 126		
Trichlorofluoromethane	4.26	ug/L			4.00	106	70 --- 145		
Vinyl acetate	41.0	ug/L			40.0	102	38 --- 152		
Vinyl chloride	4.55	ug/L			4.00	114	71 --- 135		

Method Blank Water

Analytical Run #: 126102	Analysis Date: 05/20/2016	Prep Batch #:	Matrix: LIQUID
CTLab #: 726416	Analysis Time: 12:33	Prep Date/Time:	Method: SW8260C
Parent Sample #:	Analyst: RLD	Prep Analyst:	

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.05	ug/L		U	0		0.05		
1,1,1-Trichloroethane	0.06	ug/L		U	0		0.06		
1,1,2,2-Tetrachloroethane	0.020	ug/L		U	0		0.020		
1,1,2-Trichloroethane	0.05	ug/L		U	0		0.05		
1,1-Dichloroethane	0.06	ug/L		U	0		0.06		
1,1-Dichloroethene	0.07	ug/L		U	0		0.07		
1,1-Dichloropropene	0.06	ug/L		U	0		0.06		
1,2 Dichloroethane-d4	104	% Recovery			100	104	68 --- 120		
1,2,3-Trichlorobenzene	0.05	ug/L		U	0		0.05		
1,2,3-Trichloropropane	0.04	ug/L		U	0		0.04		
1,2,4-Trichlorobenzene	0.04	ug/L		U	0		0.04		
1,2,4-Trimethylbenzene	0.05	ug/L		U	0		0.05		
1,2-Dibromo-3-chloropropane	0.03	ug/L		U	0		0.03		
1,2-Dibromoethane	0.04	ug/L		U	0		0.04		
1,2-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,2-Dichloroethane	0.04	ug/L		U	0		0.04		
1,2-Dichloropropane	0.06	ug/L		U	0		0.06		
1,3,5-Trimethylbenzene	0.06	ug/L		U	0		0.06		
1,3-Dichlorobenzene	0.06	ug/L		U	0		0.06		
1,3-Dichloropropane	0.04	ug/L		U	0		0.04		
1,4-Dichlorobenzene	0.05	ug/L		U	0		0.05		
2,2-Dichloropropane	0.04	ug/L		U	0		0.04		
2-Butanone	0.8	ug/L		U	0		0.8		
2-Chlorotoluene	0.06	ug/L		U	0		0.06		
2-Hexanone	0.4	ug/L		U	0		0.4		
4-Chlorotoluene	0.05	ug/L		U	0		0.05		
4-Methyl-2-pentanone	0.4	ug/L		U	0		0.4		
Acetone	29.1	ug/L			0		0.9		
Benzene	0.06	ug/L		U	0		0.06		
Bromobenzene	0.04	ug/L		U	0		0.04		
Bromochloromethane	0.017	ug/L		U	0		0.017		
Bromodichloromethane	0.017	ug/L		U	0		0.017		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.018	ug/L		U	0		0.018		
Bromomethane	0.09	ug/L		U	0		0.09		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.06	ug/L		U	0		0.06		
Chlorobenzene	0.04	ug/L		U	0		0.04		
Chloroethane	0.06	ug/L		U	0		0.06		
Chloroform	0.06	ug/L		U	0		0.06		
Chloromethane	0.05	ug/L		U	0		0.05		
cis-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		

Method Blank Water

Analytical Run #:	126102	Analysis Date:	05/20/2016	Prep Batch #:	Matrix:	LIQUID
CTLab #:	726416	Analysis Time:	12:33	Prep Date/Time:	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.015	ug/L		U	0		0.015		
d8-Toluene	102	% Recovery			100	102	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	100	% Recovery			100	100	67 --- 122		
Dibromomethane	0.06	ug/L		U	0		0.06		
Dichlorodifluoromethane	0.06	ug/L		U	0		0.06		
Diisopropyl ether	0.04	ug/L		U	0		0.04		
Ethylbenzene	0.06	ug/L		U	0		0.06		
Hexachlorobutadiene	0.07	ug/L		U	0		0.07		
Isopropylbenzene	0.05	ug/L		U	0		0.05		
m & p-Xylene	0.12	ug/L		U	0		0.12		
Methyl tert-butyl ether	0.04	ug/L		U	0		0.04		
Methylene chloride	0.343	ug/L			0		0.06		
n-Butylbenzene	0.05	ug/L		U	0		0.05		
n-Propylbenzene	0.05	ug/L		U	0		0.05		
Naphthalene	0.05	ug/L		U	0		0.05		
o-Xylene	0.05	ug/L		U	0		0.05		
p-Isopropyltoluene	0.06	ug/L		U	0		0.06		
sec-Butylbenzene	0.05	ug/L		U	0		0.05		
Styrene	0.05	ug/L		U	0		0.05		
tert-Butylbenzene	0.06	ug/L		U	0		0.06		
Tetrachloroethene	0.06	ug/L		U	0		0.06		
Tetrahydrofuran	0.636	ug/L			0		0.6		
Toluene	0.06	ug/L		U	0		0.06		
trans-1,2-Dichloroethene	0.06	ug/L		U	0		0.06		
trans-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
Trichloroethene	0.03	ug/L		U	0		0.03		
Trichlorofluoromethane	0.05	ug/L		U	0		0.05		
Vinyl acetate	0.5	ug/L		U	0		0.5		
Vinyl chloride	0.016	ug/L		U	0		0.016		

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Lab Control Spike Water

Analytical Run #:	126212	Analysis Date:	05/20/2016	Prep Batch #:	57335	Matrix:	LIQUID
CTLab #:	726045	Analysis Time:	10:38	Prep Date/Time:	05/20/2016 09:05	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	2.31	ug/L			3.07	75	70 --- 130		20
Ethane	4.45	ug/L			4.78	93	70 --- 130		20
Ethene	6.44	ug/L			6.79	95	65 --- 124		20
Methane	2.21	ug/L			2.29	97	70 --- 130		20

TETRA TECH

SDG #: 0

Folder #: 119119

Project Name: WDNR OCONOMOWOC
ELECTROPLATING
Project Number: 117-741300.01

Method Blank Water

Analytical Run #:	126212	Analysis Date:	05/20/2016	Prep Batch #:	57335	Matrix:	LIQUID
CTLab #:	726044	Analysis Time:	10:52	Prep Date/Time:	05/20/2016 09:05	Method:	RSK175
Parent Sample #:		Analyst:	AMA	Prep Analyst:	AMA		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Acetylene	0.23	ug/L		U	0		0.23		
Ethane	0.4	ug/L		U	0		0.4		
Ethene	0.5	ug/L		U	0		0.5		
Methane	0.4	ug/L		U	0		0.4		

Sample Condition Report

Folder #: 119119 Print Date / Time: 05/19/2016 11:08
 Client: TETRA TECH Received Date / Time / By: 05/19/2016 1020 JLS

Project Name: WDNR OCONOMOWOC ELECTROPLATING Log-In Date / Time / By: 05/19/2016 1108 BNA
 Project Phase: Project #: 117-741300.01 PM: BMS

Coolers: 5651 Temperature: 3.8 C On Ice: Y
 Custody Seals Present : Y COC Present?: Y Complete? Y

Seal Intact? Y Numbers: NOT PRESENT
 Ship Method: FEDEX Tracking Number: 0201783132381256
 Adequate Packaging: Y Temp Blank Enclosed? Y

Notes: THE SAMPLES WERE RECEIVED IN GOOD CONDITION ON ICE.

NO CUSTODY SEALS WERE PRESENT; TAPE WAS INTACT.

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725682 MW-102D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	
725682 MW-102D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	
725682 MW-102D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
725682 MW-102D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725688 MW-102D	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	
Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725689 MW-103S				

UNPRES PL 1 /
Total # of Containers of Type (UNPRES PL) = 1

ALK,Anions

725689 MW-103S
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

725689 MW-103S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

725689 MW-103S
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725690 MW-103S
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725691 MW-103D
 UNPRES PL 1 / ALK,Anions
Total # of Containers of Type (UNPRES PL) = 1

725691 MW-103D
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

725691 MW-103D
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

725691 MW-103D
 H2SO4 PL 1 Y / TOC
Total # of Containers of Type (H2SO4 PL) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725694 MW-103D
 HNO3 1 Y / ICP
Total # of Containers of Type (HNO3) = 1

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725695 MW-103D DUP	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

725695 MW-103D DUP	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

725695 MW-103D DUP	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

725695 MW-103D DUP	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725696 MW-103D DUP	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725697 OW-6	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type		(UNPRES PL) = 1	

725697 OW-6	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type		(VOA HCL) = 6	

725697 OW-6	HNO3	1	Y /	ICP
	Total # of Containers of Type		(HNO3) = 1	

725697 OW-6	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type		(H2SO4 PL) = 1	

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725698 OW-6	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725700 MW-2D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			

725700 MW-2D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 6			

725700 MW-2D	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

725700 MW-2D	H2SO4 PL	1	Y /	TOC
	Total # of Containers of Type (H2SO4 PL) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725701 MW-2D	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
725708 MW-3D	UNPRES PL	1	/	ALK,Anions
	Total # of Containers of Type (UNPRES PL) = 1			

725708 MW-3D	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	VOA HCL	1	/	GAS,VOC
	Total # of Containers of Type (VOA HCL) = 6			

725708 MW-3D	HNO3	1	Y /	ICP
	Total # of Containers of Type (HNO3) = 1			

725708 MW-3D
 H2SO4 PL 1 Y /
Total # of Containers of Type (H2SO4 PL) = 1 TOC

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725709 MW-3D
 HNO3 1 Y /
Total # of Containers of Type (HNO3) = 1 ICP

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725710 TW-202I
 UNPRES PL 1 /
Total # of Containers of Type (UNPRES PL) = 1 ALK,Anions

725710 TW-202I
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
 VOA HCL 1 / GAS,VOC
Total # of Containers of Type (VOA HCL) = 6

725710 TW-202I
 HNO3 1 Y /
Total # of Containers of Type (HNO3) = 1 ICP

725710 TW-202I
 H2SO4 PL 1 Y /
Total # of Containers of Type (H2SO4 PL) = 1 TOC

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725711 TW-202I
 HNO3 1 /
Total # of Containers of Type (HNO3) = 1 ICP

Sample ID / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
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725712 TB-5
 Trip Blank 1 /
Total # of Containers of Type (Trip Blank) = 1 VOC

Condition Code Condition Description
 1 Sample Received OK

Company: Tetra Tech
 Project Contact: Mark Mantney
 Telephone: 262 792 1282
 Project Name: WPNR ~~CONOMWOC~~
 Electroplating
 Project #: 117-7413001.01
 Location: CONOMWOC.WI
 Sampled By: Ashley Kowalewski

CT LABORATORIES
 1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax 608-356-2766
 www.ctlaboratories.com
 Folder #: 119119
 Company: TETRA TECH
 Project: CONOMWOC ELEC
 Logged By: BNA PM BML

Report To:
 EMAIL: mark.mantney@tetratech.com
 Company: Tetra Tech
 Address: 175 N Corporate Dr Suite 100
 Brookfield WI 53045
 Invoice To:
 EMAIL:
 Company:
 Address:

Waste: RCRA SDWA NPDES
 Other

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Filtered? Y/N	ANALYSES REQUESTED												Total # Containers	Designated MS/MSD
	TOC	ICP Dissolved Metals	ICP Metals	alkalinity	total sulfide	mercury	chromium	VOCS	seal level					

Turnaround Time
 Normal RUSH*
 Date Needed: _____
 Rush analysis requires prior CT Laboratories' approval
 Surcharges:
 24 hr 200%
 2-3 days 100%
 4-9 days 50%

Matrix:
 GW - groundwater SW - surface water WW - wastewater DW - drinking water
 S - soil/sediment SL - sludge A - air M - misc/waste

Date	Time	Matrix	Grab/Comp	Sample #	Sample ID Description	Fill in Spaces with Bottles per Test												CT Lab ID # Lab use only	
						TOC	ICP Dissolved Metals	ICP Metals	alkalinity	total sulfide	mercury	chromium	VOCS	seal level					
5-18	1010	GW	grab		MW-102D	1	1	1	1	3	3								
	1050				MW-103S	1	1	1	1	3	3								
	1140				MW-103D	1	1	1	1	3	3								
	1145				MW-103D DUP	1	1	1	1	3	3								
	1225				GW-10	1	1	1	1	3	3								
	1315				MW-2D	1	1	1	1	3	3								
	1430				MW-3D	1	1	1	1	3	3								
	1520				TW-202I	1	1	1	1	3	3								
			DI		TB-5						1								

Relinquished By: *Ashley Kowalewski*
 Received by: _____

Date/Time: 5-18-16 1800
 Date/Time: _____

Received By: _____
 Received for Laboratory by: *Bruno*

Date/Time: _____
 Date/Time: 5-19-16 1108

Lab Use Only
 Ice Present Yes No
 Temp 3.8 IR Gun 14
 Cooler # 5651

5/19/16 102080

CT Laboratories Terms and Conditions

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

- 1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephone (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable CTL to carry out the Client's requirements. It is the policy of CT Laboratories that samples not meeting the acceptance criteria, outlined in the NELAC standards and Section 5.8.3.2 of the DOD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must: (1) be accompanied by proper, full and complete documentation, including sample identification, location, date and time of collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information, the laboratory will attempt to contact the client to obtain the information; if unable to obtain the necessary information, the final report will be qualified. (2) be labeled appropriately with a unique sample identification written with indelible ink on water resistant labels. If the laboratory cannot determine the identity of a sample, it will be rejected and the client will be contacted for further instructions or resampling. (3) be in an appropriate sample container. If the container is inappropriate, the client will be contacted for further instructions or resampling. If analysis is possible, the final report will be qualified. CT Laboratories can provide a sampling guide containing approved containers and preservations for analytical methods requested. (4) adhere to specified holding times. If samples are received with less than 1/2 the holding time remaining for the requested test, CT Laboratories will make its best effort to analyze the samples and notify the client. If holding times are exceeded, the final report will be qualified. (5) contain adequate sample volume to perform the necessary testing. If sufficient volume is not present, the sample will be rejected and the client will be contacted for further instructions or resampling. If samples show signs of damage, contamination or inadequate preservation, the client will be notified. If analysis can be performed, the final report will be qualified. If not, the samples will be rejected and the client notified for further instructions or resampling.
- 1.2 CT Laboratories must be supplied with complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.
- 1.3 Prior to Sample Acceptance, the entire risk of loss or damage to samples remains with the Client. In no event will CTL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from CTL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to CTL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

- 2.1 Services performed by CTL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with CTL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by CTL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party that acknowledges and accepts payment responsibility. CTL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. CTL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

- 3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by CTL after Sample Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. CTL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.
- 3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification or acceleration in the performance of the work may be initiated by the Client after sample acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. CTL's acceptance of such changes is contingent upon technical feasibility and operational capacity.
- 3.3 Suspension or termination of all or any part of the work may be initiated by the Client. CTL will be compensated consistent with Section 2 of these Terms and Conditions. CTL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

- 4.1 Where applicable, CTL will use analytical methodologies which are in substantial conformity with published test methods. CTL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of CTL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, CTL will proceed with analyses under its standard Quality Manuals then in effect, and CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.
- 4.2 CTL shall start preparation and/or analysis within holding times provided that Sample Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Acceptance does not occur within this period, CTL will use its best efforts to meet holding times and will proceed with the work provided that, in CTL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with CTL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.
- 4.3 CTL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to CTL prior to Sample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.
- 4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by CTL in connection with any services performed by CTL or any Results generated from such services, and CTL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of CTL is authorized to give or make any other representation or warranty or modify this warranty in any way.
- 4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by CTL, will be limited to repeating any services performed, contingent on the Client's providing, at the request of CTL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If resampling is necessary, CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars (\$100 or \$150) per sample, whichever is less.
- 4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.
- 4.7 In no event shall CTL have any responsibility or liability to the Client for any failure or delay in performance by CTL which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond CTL's reasonable control.

5. RESULTS, WORK PRODUCT

- 5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.
- 5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.
- 5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold CTL's right to independently defend its data.
- 5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all applicable warranties, guarantees and insurance are those of the subcontracted laboratory.
- 5.5 CTL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at their own expense. CTL reserves the right to return to the Client any sample or unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste disposal vendor(s).
- 5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL agrees to retain all records for five (5) years.
- 5.7 In the event that CTL is required to respond to legal process related to services for Client, Client agrees to reimburse CTL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

- 6.1 CTL shall maintain in force during the performance of services under these Terms and Conditions, Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of \$2,000,000 per occurrence/aggregate), Comprehensive Automobile Liability, owned and hired, (\$1,000,000 combined single limit), and Professional/Pollution Liability Insurance (limit of \$5,000,000 per occurrence/aggregate). Any Client required changes to these limits or conditions may result in a change in cost to the Client.

7. AUDIT

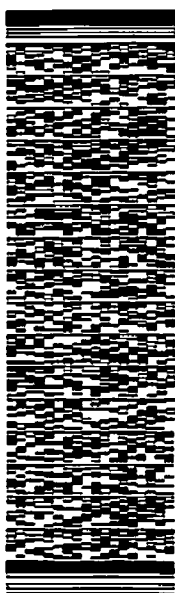
- 7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices

ORIGIN ID: RRLA (262) 792-1282
MARK WANTHEY
TETRA TECH
175 N CORPORATE DRIVE
STE 100
BROOKFIELD, WI 53045
UNITED STATES US

SHIP DATE: 18MAY16
ACTWTG: 50.00 LB
CAD: 1104355NET3730
DIMS: 25x14x15 IN
BILL SENDER

TO PATRICK LETTERER
CT LABORATORIES
1230 LANGE COURT

BARABOO WI 53913
(608) 356-2760
INV REF: 117/7413001 01
DEPT



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Szymanski, Brett M

From: Manthey, Mark <Mark.Manthey@tetrattech.com>
Sent: 06/16/2016 17:34
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Yes, the value is wrong. The DO value for MW-12M should be 0.93

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Szymanski, Brett M [<mailto:BSzymanski@ctlaboratories.com>]
Sent: Thursday, June 16, 2016 4:58 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

In looking at the field data, I'm assuming the DO for MW-12B is also incorrect? It looks like a conductivity reading.

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [<mailto:Mark.Manthey@tetrattech.com>]
Sent: 06/16/2016 4:49 PM

To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Sorry again!

Found another error for the Dissolved Oxygen value for the TW-2021 sample (Sample ID = 75710). The correct DO value is 2.55 mg/L

725710	TW-2021	Dissolved Oxygen (Field)	mg/L	5/18/2016	2.55
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Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Szymanski, Brett M [<mailto:BSzymanski@ctlaboratories.com>]
Sent: Thursday, June 16, 2016 4:44 PM
To: Manthey, Mark <Mark.Manthey@tetrattech.com>
Subject: RE: Correct field parameters data for MW-13S sample

Hello Mark,

I'll get these field data updated with the correct information and send out revised analytical reports and EDDs by Monday, June 20th.

Have a good afternoon,

Brett Szymanski
Project Manager
CT Laboratories, LLC
1230 Lange Court
Baraboo, WI 53913
Phone: 608-356-2760
Fax: 608-356-2766
www.ctlaboratories.com

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From: Manthey, Mark [<mailto:Mark.Manthey@tetrattech.com>]
Sent: 06/16/2016 4:41 PM
To: Szymanski, Brett M
Subject: RE: Correct field parameters data for MW-13S sample

Hi Brett,

Sorry about this, but I found another error in the field parameters data I sent you. It is for the MW-101S sample. The correct field data is listed below:

Sample	Well ID	Analyte	Units	Date	Result
721951	MW-101S	Color (Field)		5/10/2016	Clear
721951	MW-101S	Conductivity (Field)	umhos/cm	5/10/2016	3180
721951	MW-101S	Dissolved Oxygen (Field)	mg/L	5/10/2016	2.62
721951	MW-101S	OX/REDOX (Field)	MV	5/10/2016	336
721951	MW-101S	pH (Field)	S.U.	5/10/2016	6.82
721951	MW-101S	Temperature (Field)	Deg. C	5/10/2016	9.98
721951	MW-101S	Turbidity (Field)		5/10/2016	clear

Thanks again.

Mark A. Manthey, P.G. | Associate Hydrogeologist
Office: 262-792-1282 ext. 271 | Fax: 262-792-1310
Mark.Manthey@tetrattech.com

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From: Manthey, Mark
Sent: Thursday, June 16, 2016 11:28 AM
To: 'BSzymanski@ctlaboratories.com' <BSzymanski@ctlaboratories.com>
Subject: Correct field parameters data for MW-13S sample

Brett,

Per our telephone conversation, below are the correct field parameters readings for the MW-13S sample:

Sample Date: 5/13/2016

Field Parameters

Dissolved Oxygen (DO) = 3.78 mg/L

Oxidation Reduction Potential = 130 millivolts

pH = 7.35

Specific Conductivity = 832 umhos/cm

Temperature = 12.29 deg-C

Turbidity = 30.2 ntu

Thanks.

Mark A. Manthey, P.G. | Associate Hydrogeologist

Office: 262-792-1282 ext. 271 | Fax: 262-792-1310

Mark.Manthey@tetrattech.com

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APPENDIX C
FIELD PARAMETERS FORMS

TETRA TECH FIELD WATER LEVEL DATA SHEET

Project Number: 117-7413001.01

Project Name: Oconomowoc Electroplating

Location: Oconomowoc, WI

Instrument: Heron

Personnel: Ashley Kowalewski

Date: 11-2-15

Monitor Well/ Sample Port Identification	Date	Time	Depth to Groundwater (feet below top of casing)	Comments
MW-1S	11-2-15	1205	6.57	
MW-1D	11-2-15	1208	6.94	
MW-2D	11-2-15	1250	6.02	
MW-3D	11-2-15	1308	8.12	
MW-4S	11-2-15	1302	8.28	
MW-5D	11-2-15	1232	3.26	
MW-9S	11-2-15	1228	5.28	
MW-12S	11-2-15	1259	4.34	
MW12D	11-2-15	1362	4.06	
MW-12B	11-2-15	1257	4.11	
MW-13S	11-2-15	1350	5.96	
MW-13D	11-2-15	1348	4.82	
MW-15S	11-2-15	1359	14.25 9.39	
MW-15D	11-2-15	1355	9.99	
MW-15B	11-2-15	1352	14.25	
MW-16S				see field form
MW-101S	11-2-15	1338	5.32	
MW-101B	11-2-15	1336	5.52	
MW-102S	11-2-15	1412	8.58	
MW-102D	11-2-15	1409	8.29	
MW-103S				see field form
MW-103D	11-2-15	1244	6.29	
MW-105S	11-2-15	1236	3.82	
MW-105D	11-2-15	1237	3.60	
MW-105B	11-2-15	1239	3.84	
TW-202I	11-2-15	1244	13:40 5.80	
OW-6	11-2-15	1248	6.69	
MW-14DR	11-2-15	1315	5.23	
MW-104S	11-2-15	1207	4.59	
MW-104D	11-2-15	1220	4.70	
MW-106S	11-2-15	1422	4.41	
MW-106D	11-2-15	1420	3.71	
MW-4D	11-2-15	1317	8.74	

**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Oconomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO						
MONITOR WELL ID	MW-1S			MW-1D			MW-2D			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11-3-15			11-3-15			11-4-15			
STATIC WATER LEVEL (ft)*/TIME	6.69	1138		6.94	1102		6.66	1502		
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)*/TIME	6.72	1153		10.72	1115		8.55	1325		
START PURGE TIME (Military)	1140			1105			1505			
END PURGE TIME (Military)	1155			1115			1328			
PURGE VOLUME (gallons)	1.5			1 gal			1.0			
SAMPLE TIME (Military)	1200			1120			1330			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	160	200	300	1:00	2:00	3:00	100	200	300	
TEMPERATURE (° C)	17.21	17.23	17.22	15.73	15.76	15.31	21.38	21.04	21.16	
pH	7.09	7.09	7.09	8.36	8.34	8.33	7.84	7.83	7.80	
ELEC. COND. (uS/cm)	Measured	1.38	1.38	1.38	0.530	0.531	0.531	.781	.786	.782
	at 25°C	0.0	0.6	0.0	0.0	0.0	1.12 6.0	4.6	3.8	2.8
ORP (mV)	(NTU)	68	68	69	-131	-132	112 135	-109	-111	-111
DISSOLVED OXYGEN (ppm)		0.44	0.43	0.46	1.25	1.26	1.00 1.24	.44	.45	.46
DISSOLVED OXYGEN (% Sat.)		4.7	4.6	4.9	12.9	13.1	13.2	6.1	5.3	5.3
COLOR	clear			clear			clear			
ODOR	none			none			none			
CLARITY	clear			clear			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Occonomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Occonomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO						
MONITOR WELL ID	MW-3D			MW-4S			MW-5D			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11.4.15			11.4.15			11.3.15			
STATIC WATER LEVEL (ft)/TIME	8.45 1345			8.65 1502			3.33 1320			
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)/TIME	11.52 1408			8.52 1528			3.79 1337			
START PURGE TIME (Military)	1345			1505			1325			
END PURGE TIME (Military)	1410			1529			1337			
PURGE VOLUME (gallons)	1.5			1.0			1.25			
SAMPLE TIME (Military)	1410			1530			1340			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	100	200	300	100	200	300	
TEMPERATURE (° C)	13.82	13.85	13.78	18.11	18.06	18.02	18.12	18.17	18.15	
pH	7.62	7.61	7.62	7.14	7.14	7.13	7.44	7.45	7.45	
ELEC. COND. (uS/cm)	Measured	8.63	8.62	8.61	1.91	1.92	1.92	0.900	0.896	0.895
	at top of well casing Turb. (uS/cm)	0.0	0.0	0.0	0.0	0.0	0.0	9.6	9.1	9.4
ORP (mV)	-102	-101	-101	79	79	79	-68	-67	-65	
DISSOLVED OXYGEN (ppm)	.20	.19	.19	.47	.46	.46	0.60	0.60	0.59	
DISSOLVED OXYGEN (% Sat.)	2.0	1.9	1.9	5.1	5.1	5.1	6.8	6.6	6.5	
COLOR	clear			clear			clear			
ODOR	none			none			none			
CLARITY	clear			clear			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Oconomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO						
MONITOR WELL ID	MW-9S			MW-12S			MW-12D			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11.3.15			11.5.15			11.5.15			
STATIC WATER LEVEL (ft)*/TIME	5.53	1230		4.43	1127		5.15	1035		
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)*/TIME	5.56	1250		4.73	1207		5.17	1110		
START PURGE TIME (Military)	1235			1140			1035			
END PURGE TIME (Military)	1250			1208			1110			
PURGE VOLUME (gallons)	1.0			2.0			2.0			
SAMPLE TIME (Military)	1255			1210			1115			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	1.00	2.00	300	100	200	300	
TEMPERATURE (° C)	17.38	17.36	17.35	14.05	14.00	14.00	14.75	14.91	15.02	
pH	7.41	7.41	7.41	7.00	6.99	6.99	7.01	7.01	7.00	
ELEC. COND. (uS/cm)	Measured	1.68	1.68	1.68	.919	.920	.920	.971	.973	.974
	at 25°C Turb (NTU)	0.0	0.0	0.0	37.8	36.9	36.3	2.4	2.2	2.2
ORP (mV)	-35	-36	-37	-23	-21	-21	-87	-87	-88	
DISSOLVED OXYGEN (ppm)	.43	.43	.43	1.14	1.13	1.12	4.88	4.83	4.79	
DISSOLVED OXYGEN (% Sat.)	4.6	4.6	4.7	11.4	11.3	11.2	99.8	99.5	99.2	
COLOR	clear			v. light grey			clear			
ODOR	none			v. mild rotten egg			none			
CLARITY	clear			some black			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Oconomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO						
MONITOR WELL ID	MW-12B			MW-135			MW-135			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11.5.15			11.5.15			5.99 11.5.15			
STATIC WATER LEVEL (ft)*/TIME	4.27	958		5.05	1438		5.99	1415	1415	
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)*/TIME	7.41	1022		5.11	1402		5.99	1432		
START PURGE TIME (Military)	1000			1440			1415 1415			
END PURGE TIME (Military)	1023			1404			1430			
PURGE VOLUME (gallons)	1.00			1.0			1.5			
SAMPLE TIME (Military)	1025			1405			1440			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	100	200	300	100	200	300	
TEMPERATURE (° C)	16.48	16.54	16.61	14.56	14.52	14.52	14.15	14.17	14.19	
pH	7.77	7.78	7.79	7.01	7.01	7.02	7.09	7.09	7.08	
ELEC. COND. (uS/cm)	Measured	.653	.652	.650	.908	.908	.908	.704	.705	.706
	1.000 Turb.	0.0	0.0	0.0	1.4	1.6	2.4	10.9	9.8	9.0
ORP (mV)	(NTU)	-177	-178	-179	-73	-73	-74	21	21	22
DISSOLVED OXYGEN (ppm)		.23	.22	.22	.20	.20	.20	1.87	1.89	1.87
DISSOLVED OXYGEN (% Sat.)		2.5	2.3	2.4	2.1	2.1	2.0	18.9	19.0	18.9
COLOR	clear			clear			clear			
ODOR	none			none			none			
CLARITY	clear			clear			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES OR NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52				
PROJECT NO.	117-7413001.01			Conductivity					
LOCATION	Oconomowoc, WI			ORP					
PERSONNEL	Ashley Kowalewski			DO	↓				
MONITOR WELL ID	MW-15S			MW-15D			MW-15B		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	11-6-15			10-10-15	11-8-15	10-4-15	11-6-15		
STATIC WATER LEVEL (ft)*/TIME	9.43	1008		9.18	1025		12.05	918	
WELL DEPTH (feet)*									
PUMP INLET DEPTH (feet)*									
ENDING WATER LEVEL (ft)*/TIME	9.41	1028		10.10	1125		17.11	948	
START PURGE TIME (Military)	1010			1053 1040			920		
END PURGE TIME (Military)	1030			1025			948		
PURGE VOLUME (gallons)	1.0			2.5 g			1.5		
SAMPLE TIME (Military)	1030			1130			950		
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)	100	200	300	100	200	300	100	200	300
TEMPERATURE (° C)	13.05	13.08	13.10	12.35	12.36	12.35	12.27	12.27	12.28
pH	6.69	6.70	6.76	6.67	6.67	6.67	6.93	6.93	6.93
ELEC. COND. (uS/cm)	Measured	1.50	1.49	.920	.919	.920	.552	.552	.552
	1.50 Turb (NTU)	0.0	0.0	0.0	0.9	1.1	1.6	0.0	0.0
ORP (mV)	14	17	26	45	45	45	-126	-127	-128
DISSOLVED OXYGEN (ppm)	2.10	2.09	2.14	2.64	2.59	2.55	.33	.33	.32
DISSOLVED OXYGEN (% Sat.)	20.7	20.7	21.1	25.5	25.1	24.7	3.2	3.1	3.1
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
NAME OF LABORATORY									
DATE SENT TO LAB									
SAMPLER-S NAME									

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Oconomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO	↓					
MONITOR WELL ID	MW-16S			MW-101S			MW-101B			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11-15-15			11-4-15			11-4-15			
STATIC WATER LEVEL (ft)*/TIME	3.08 8:35			5.39 1624			5.66 1542			
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)*/TIME	3.76 904			5.64 1624			5.66 1609			
START PURGE TIME (Military)	8:40			1625			1545			
END PURGE TIME (Military)	903			1624			1610			
PURGE VOLUME (gallons)	1.0			~.50			.75			
SAMPLE TIME (Military)	905			1645			1610			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	100	200	300	100	200	300	
TEMPERATURE (° C)	13.52	13.53	13.53	16.48	16.48	16.49	15.38	15.41	15.41	
pH	6.47	6.47	6.48	7.18	7.18	7.18	7.48	7.49	7.49	
ELEC. COND. (uS/cm)	Measured	2.47	2.49	2.51	2.36	2.34	2.33	2.63	2.62	2.62
	measured Turb. (NTU)	12.41	12.2	11.4	0.0	0.0	0.0	0.0	0.0	0.0
ORP (mV)	-78	-79	-80	104	104	105	29	29	30	
DISSOLVED OXYGEN (ppm)	.38	.36	.36	6.66	6.62	6.53	.19	.19	.19	
DISSOLVED OXYGEN (% Sat.)	3.8	3.6	3.6	70.8	70.4	69.4	2.0	2.0	2.0	
COLOR	clear			clear			clear			
ODOR	rotten egg			none			none			
CLARITY	black chunks			clear			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Oconomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO	▼					
MONITOR WELL ID	MW-102S			MW-102D			MW-103S			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11.6.15			11.6.15			11.4.5			
STATIC WATER LEVEL (ft)*/TIME	8.56	1243		8.73	1157		6.62	1033		
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)*/TIME	8.65	1258		1228			6.55	1058		
START PURGE TIME (Military)	1245			1200			1040			
END PURGE TIME (Military)	1300			1230			1058			
PURGE VOLUME (gallons)	1.0			1.5			1.0			
SAMPLE TIME (Military)	1300			1230			1100			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	100	200	300	100	200	300	
TEMPERATURE (° C)	13.42	13.43	13.44	11.65	11.65	11.65	18.10	18.20	18.20	
pH	6.43	6.42	6.42	6.89	6.88	6.88	7.04	7.04	7.04	
ELEC. COND. (uS/cm)	Measured	2.63	2.64	2.64	.888	.888	.887	.896	.896	.896
	measured Turb.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ORP (mV)	(NTU)	79	81	83	-70	-70	-70	134	134	134
DISSOLVED OXYGEN (ppm)	2.23	2.22	2.22	.31	.31	.30	.69	.65	.65	
DISSOLVED OXYGEN (% Sat.)	22.3	22.2	22.2	3.0	3.0	2.9	7.5	7.1	7.1	
COLOR	Clear			Clear			Clear			
ODOR	none			none			none			
CLARITY	clear			clear			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Oconomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO						
MONITOR WELL ID	MW-103D			MW-105S			MW-105D			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11.4.15			11.3.15			11.3.15			
STATIC WATER LEVEL (ft)/TIME	952	665		3.89	1415		3.71	1524		
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)/TIME	1008	6.55		4.05	1506		3.73	1557		
START PURGE TIME (Military)	952			1428			1526			
END PURGE TIME (Military)	1008			1502			1550			
PURGE VOLUME (gallons)	1.0			2.06			1.5			
SAMPLE TIME (Military)	1010/1026			1505/1510			1550			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	100	200	300	100	200	300	
TEMPERATURE (° C)	13.78	13.79	13.82	20.10	20.15	20.20	15.49	15.45	15.53	
pH	7.08	7.10	7.11	7.24	7.24	7.24	7.40	7.38	7.46	
ELEC. COND. (uS/cm)	Measured	.922	.923	.923	1.91	1.91	1.91	1.12	1.13	1.12
	Measured CTurb. (NTU)	0.0	0.0	0.0	9.3	9.5	9.3	6.1	5.9	5.9
ORP (mV)	87	82	78	-47	-47	-48	-65	-65	-67	
DISSOLVED OXYGEN (ppm)	.48	.47	.46	.41	.37	.37	.32	.30	.29	
DISSOLVED OXYGEN (% Sat.)	4.8	4.7	4.6	4.6	4.3	4.3	3.3	3.2	3.0	
COLOR	clear			clear			clear			
ODOR	none			none			none			
CLARITY	clear			some chunks			some			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
	Dup @ 1020			Dup @ 1510						
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

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**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Occonomowoc Electroplating			Temp., pH,	Horiba U-52					
PROJECT NO.	117-7413001.01			Conductivity						
LOCATION	Occonomowoc, WI			ORP						
PERSONNEL	Ashley Kowalewski			DO						
MONITOR WELL ID	MW-105B			TW-2021			OW-6			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	11.3.15			11.5.15			11.4.15			
STATIC WATER LEVEL (ft)/TIME	3.86	1602		5.63	1303		7.51	1128		
WELL DEPTH (feet)*										
PUMP INLET DEPTH (feet)*										
ENDING WATER LEVEL (ft)/TIME	5.21	1622		5.84	1420		7.72	1203		
START PURGE TIME (Military)	1605			1305			1130			
END PURGE TIME (Military)	1620			1420			1205			
PURGE VOLUME (gallons)	0.5			1.0			1.5			
SAMPLE TIME (Military)	1625			1420			1205			
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes)	100	200	300	100	2:00	3:00	100	200	300	
TEMPERATURE (° C)	13.10	12.93	13.02	14.51	14.52	14.54	18.81	18.81	18.83	
pH	7.73	7.73	7.71	6.88	6.87	6.86	9.47	9.49	9.51	
ELEC. COND. (uS/cm)	Measured	0.789	0.792	0.791	0.981	0.981	0.980	0.486	0.486	0.485
	measured	0.0	0.0	0.0	12.3	12.4	12.2	0.0	0.0	0.0
ORP (mV)	(NTU)	-116	-118	-120	-9	-10	-10	-159	-155	-150
DISSOLVED OXYGEN (ppm)		.35	.38	.40	.39	.38	.37	.25	.24	.24
DISSOLVED OXYGEN (% Sat.)		3.5	3.7	3.9	3.9	3.89	3.7	2.7	2.7	2.7
COLOR	clear			clear			clear			
ODOR	none			none			none			
CLARITY	clear			clear			clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
NAME OF LABORATORY										
DATE SENT TO LAB										
SAMPLER-S NAME										

*Measured from top of well casing.

**TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM
FOR SAMPLEPRO AND PERISTALTIC PUMPS**

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp., pH,	Horiba U-52				
PROJECT NO.	117-7413001.01			Conductivity					
LOCATION	Oconomowoc, WI			ORP					
PERSONNEL	Ashley Kowalewski			DO					
MONITOR WELL ID	MW-14DR								
WATER TYPE	Groundwater			Groundwater	Groundwater				
DATE (month/day/year)	11.4.15								
STATIC WATER LEVEL (ft)*/TIME	5.61 1427								
WELL DEPTH (feet)*									
PUMP INLET DEPTH (feet)*									
ENDING WATER LEVEL (ft)*/TIME	5.63 1450								
START PURGE TIME (Military)	1430								
END PURGE TIME (Military)	1450								
PURGE VOLUME (gallons)	1.0								
SAMPLE TIME (Military)	1455								
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)	100	200	300						
TEMPERATURE (° C)	14.06	14.04	14.02						
pH	7.35	7.35	7.34						
ELEC. COND. (uS/cm)	Measured	.887	.888	.887					
	Meas Turb. (NTU)	0.0	0.0	0.0					
ORP (mV)	-22	-23	-24						
DISSOLVED OXYGEN (ppm)	.23	.22	.22						
DISSOLVED OXYGEN (% Sat.)	2.3	2.2	2.2						
COLOR	clear								
ODOR	none								
CLARITY	clear								
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
NAME OF LABORATORY									
DATE SENT TO LAB									
SAMPLER-S NAME									

*Measured from top of well casing.

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TETRA TECH PRIVATE WELL FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS		
PROJECT	Oconomowoc Electroplating	Temp. & pH	Hanna	
PROJECT NO.	117-7413001	Conductivity	Hanna	
LOCATION	Oconomowoc WI	ORP	Hanna	
PERSONNEL	Ashley Kowalewski	DO	Hanna	
SAMPLE POINT ID	PW-08	PW-09	PW-10	PW-64
WATER TYPE	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	11-5-15	11-3-15	11-5-15	11-3-15
CLOCK TIME (Military)	1435 1355	950	1435	1010
PROPERTY ADDRESS	2603 Elm Street, Ashippun, WI 53003	2606 Elm Street, Ashippun, WI 53003	2607 Elm Street, Ashippun, WI 53003	2405 Oak St Ashippun, WI 53003
DEPTH TO WATER (ft)*	—	—	—	—
MEASURED WELL DEPTH (ft)*	—	—	—	—
SAMPLING DEVICE	spigot	spigot	spigot.	outdoor well
PURGE RATE (gpm)	8 gal/min	0.5 gpm	4 gpm	17 sec for 5 gal
PURGE VOLUME (gallons)	~50 gal	15.0	40 gal	40.0
FIELD TEMPERATURE (°C)	13.6	12.8	14.5	13.9
pH	7.46	7.51	7.47	7.33
ELEC. COND. (uS/cm) at 25° C	1202	1262	1112	1157
COLOR	clear	clear	clear	clear
ODOR	none	mild	none	v. mild
CLARITY	clear	clear	clear	clear
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P =	3 vials		3 vials
NAME OF LABORATORY				
DATE SENT TO LAB				
SAMPLER'S NAME	AMK	AMK	AMK	AMK

*Measured from top of well casing.

TETRA TECH PRIVATE WELL FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS		
PROJECT	Oconomowoc Electroplating	Temp. & pH	Hanna	
PROJECT NO.	117-7413001	Conductivity	Hanna	
LOCATION	Oconomowoc WI	ORP	Hanna	
PERSONNEL	Ashley Kowalewski	DO	Hanna	
SAMPLE POINT ID	PW-03	PW-11	PW-05	PW-07
WATER TYPE	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	11.4.15	11.6.15		11.5.15
CLOCK TIME (Military)	1710	1215		1525
PROPERTY ADDRESS	2601 Oak Sreet., Ashippun, WI 53003	2613 Elm Street, Ashippun, WI 53003	2611 Oak Street, Ashippun, WI 53003	2602 Elm Street, Ashippun, WI 53003
DEPTH TO WATER (ft)*	—			—
SAMPLING DEVICE	Hanna Meter			Hanna
SAMPLING DEVICE DEPTH (ft)*	—	—		—
PURGE RATE (gpm)	5gpm	5gpm		5gpm
PURGE VOLUME (gallons)	50 gallons	40 gal		50
FIELD TEMPERATURE (°C)	13.2	12.1		14.0
pH	7.57	7.47		7.12
ELEC. COND. (uS/cm) at 25° C	1094	1033		1209
COLOR	clear	clear		clear
ODOR	none	rotten egg		none
CLARITY	clear	clear		clear
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
NAME OF LABORATORY				
DATE SENT TO LAB				
SAMPLER'S NAME	AMK	AMK	AMK	AMK

*Measured from top of well casing.

TETRA TECH FIELD WATER LEVEL DATA SHEET

Project Number: 117-7413001.01

Project Name: Oconomowoc Electroplating

Location: Oconomowoc, WI

Instrument: Heron

Personnel: Ashley Kowalewski

Date: 5/9/2016

Monitor Well/ Sample Port Identification	Date	Time	Depth to Groundwater (feet below top of casing)	Comments
MW-1S	5-9-16	11:15	5.57	
MW-1D		11:14	5.07	
MW-2D		12:30	5.03	
MW-3D		12:40	7.21	
MW-4S		13:11	6.71	
MW-5D		11:39	3.72	
MW-9S		11:36	4.77	
MW-12S		12:27	4.00	
MW12D		12:25	2.44	
MW-12B		12:29	3.37	
MW-13S		12:35	5.16	
MW-13D		12:37	4.20	
MW-15S		13:19	8.11	
MW-15D		13:17	9.40	
MW-15B	↓	13:22	12.97	
MW-16S	5-13-16	13:33	2.81	
MW-101S	5-9-16	12:57	3.74	
MW-101B		12:55	4.60	
MW-102S		13:35	7.14	
MW-102D		13:32	7.56	
MW-103S		11:50	5.61	
MW-103D		11:52	5.65	
MW-105S		11:43	3.50	
MW-105D		11:45	2.95	
MW-105B		11:47	2.91	
TW-202I		12:33	4.82	
OW-6		11:55	5.32	
MW-14DR	↓	13:01	4.18	

Monitor Well/ Sample Port Identification	Date	Time	Depth to Groundwater (feet below top of casing)	Comments
MW-4D	5-9-16	13:13	7.37	
MW-104S	↓	11:20	4.27	
MW-104D		11:19	4.46	
MW-106S		13:42	4.19	
MW-106D		13:45	3.12	

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-1S			MW-1D			MW-2D		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 10 -16			5- 10 -16			5- 18 -16		
STATIC WATER LEVEL (feet)*	5.07			5.57			5.50		
WELL DEPTH (feet)*	17.59			50.72			43.48		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	10:45			10:10			12:50		
END PURGE TIME (Military)	11:15			10:40			13:05		
PURGE VOLUME (gallons)	4.0			4.0			2.0		
SAMPLE TIME (Military)	15:55			15:40			13:10		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	9.96	9.96	9.95	11.46	11.40	11.39	12.12	12.10	12.13
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	1.11	1.11	1.11	0.613	0.613	0.613	1.02	1.02	1.02
DISSOLVED OXYGEN (ppm)	0.0	0.0	0.0	0.28	0.27	0.27	0.0	0.0	0.0
pH	6.96	6.95	6.95	7.42	7.42	7.42	7.03	7.03	7.03
DISSOLVED OXYGEN (% Sat.)	0.0	0.0	0.0	2.6	2.6	2.6	0.0	0.0	0.0
Turbidity	10.0	9.5	9.0	1.6	1.5	1.6	0.0	0.0	0.0
ORP (mV)	38	38	38	-74	-74	-74	30	27	25
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	5.31			8.66			8.93		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER'S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-3D			MW-4S			MW-5D		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 18 -16			5- 10 -16			5- 11 -16		
STATIC WATER LEVEL (feet)*	7.91			6.71			3.72		
WELL DEPTH (feet)*	50.56			18.09			24.45		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	13:50			15:00			14:00		
END PURGE TIME (Military)	14:25			15:15			14:20		
PURGE VOLUME (gallons)	3.5			2.0			2.5		
SAMPLE TIME (Military)	14:30			15:20			14:25		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	11.92	11.92	11.98	9.46	9.43	9.41	13.72	13.71	13.76
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	0.969	0.970	0.970	1.57	1.57	1.58	1.10	1.10	1.09
DISSOLVED OXYGEN (ppm)	0.51	0.47	0.44	0.0	0.0	0.0	0.01	0.0	0.01
pH	7.09	7.08	7.08	6.91	6.90	6.90	7.13	7.13	7.13
DISSOLVED OXYGEN (% Sat.)	4.9	4.5	4.2	0.0	0.0	0.0	0.1	0.0	0.1
Turbidity	0.0	0.0	0.0	36.6	30.9	32.6	27.4	26.9	25.1
ORP (mV)	61	58	54	117	106	97	-38	-39	-40
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	10.81			6.82			3.84		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER' S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT No	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-9S			MW-12S			MW-12D		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 11 -16			5- 11 -16			5- 11 -16		
STATIC WATER LEVEL (feet)*	4.74			4.0			2.44		
WELL DEPTH (feet)*	22.23			14.89			25.11		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	12:55			15:40			15:00		
END PURGE TIME (Military)	13:15			15:55			15:15		
PURGE VOLUME (gallons)	3.0			2.0			2.5		
SAMPLE TIME (Military)	13:20			16:00			15:20		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	15.16	15.16	15.13	11.87	11.98	12.03	16.43	16.48	16.52
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	1.49	1.49	1.49	1.24	1.23	1.23	1.19	1.19	1.19
DISSOLVED OXYGEN (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
pH	7.10	7.10	7.10	7.15	7.14	7.14	7.26	7.26	7.26
DISSOLVED OXYGEN (% Sat.)	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turbidity	16.2	15.1	13.6	12.6	12.6	12.0	0.8	1.3	0.3
ORP (mV)	-35	-35	-35	29	29	30	49	47	49
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	4.74			4.31			3.24		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER' S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-12B			MW-13S			MW-13D		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 11 -16			5- 13 -16			5- 13 -16		
STATIC WATER LEVEL (feet)*	3.37			4.24			4.20		
WELL DEPTH (feet)*	44.55			15.31			31.94		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	16:10			14:15			14:55		
END PURGE TIME (Military)	14:35			14:30			15:10		
PURGE VOLUME (gallons)	2.0			2.0			1.5		
SAMPLE TIME (Military)	16:30			14:35			15:15		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	12.41	12.43	12.46	12.30	12.18	12.29	11.35	11.38	11.41
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	0.911	0.910	0.910	0.829	0.832	0.832	1.14	1.14	1.14
DISSOLVED OXYGEN (ppm)	0.94	0.93	0.93	4.41	4.41	3.78	0.0	0.0	0.0
pH	8.40	8.39	8.39	7.35	7.34	7.35	7.21	7.20	7.20
DISSOLVED OXYGEN (% Sat.)	9.1	9.0	9.1	42.7	42.5	36.6	0.0	0.0	0.0
Turbidity	0.0	0.0	0.0	30.9	32.7	30.2	126	116	116
ORP (mV)	160	162	163	145	137	130	-57	-57	-56
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	10.2			5.13			4.23		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER' S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-15S			MW-15D			MW-15B		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 13 -16			5- 13 -16			5- 13 -16		
STATIC WATER LEVEL (feet)*	8.11			9.02			13.59		
WELL DEPTH (feet)*	16.17			39.19			57.06		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	11:40			12:10			10:50		
END PURGE TIME (Military)	11:55			12:30			11:20		
PURGE VOLUME (gallons)	1.5			1.5			1.5		
SAMPLE TIME (Military)	12:00			12:25			11:25		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	15.76	15.77	15.77	15.86	15.89	15.91	13.36	13.50	13.52
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	0.842	0.832	0.826	1.14	1.14	1.14	0.711	0.710	0.709
DISSOLVED OXYGEN (ppm)	5.02	4.99	4.97	0.0	0.0	0.0	0.0	0.0	0.0
pH	7.44	7.44	7.45	7.19	7.19	7.19	7.34	7.36	7.35
DISSOLVED OXYGEN (% Sat.)	52.3	52.1	51.9	0.0	0.0	0.0	0.0	0.0	0.0
Turbidity	0.0	0.0	0.0	0.4	0.3	0.3	0.7	1.3	1.3
ORP (mV)	221	224	228	159	158	158	-128	-128	-129
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	8.11			9.02			20.85		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER'S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-16S			MW-101S			MW-101B		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 13 -16			5- 10 -16			5- 10 -16		
STATIC WATER LEVEL (feet)*	2.81			3.74			4.60		
WELL DEPTH (feet)*	14.42			12.41			48.75		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	13:35			12:00			12:50		
END PURGE TIME (Military)	13:45			12:20			13:05		
PURGE VOLUME (gallons)	1.0			2.0			2.5		
SAMPLE TIME (Military)	13:50			12:30			13:10		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	15.49	15.40	15.36	9.96	9.97	9.98	10.51	10.52	10.52
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	2.69	2.71	2.73	3.19	3.18	3.18	1.18	1.18	1.18
DISSOLVED OXYGEN (ppm)	0.0	0.0	0.0	2.70	2.64	2.62	0.23	0.23	0.22
pH	6.99	7.02	7.01	6.82	6.82	6.82	7.24	7.24	7.24
DISSOLVED OXYGEN (% Sat.)	0.0	0.0	0.0	25.0	24.4	24.2	2.2	2.1	2.1
Turbidity	2.6	2.9	2.8	12.2	12.4	12.3	1.2	1.3	1.3
ORP (mV)	-71	-74	-73	335	335	336	273	263	253
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	4.33			3.91			4.64		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER'S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS						
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell					
PROJECT NO.	117-7413001			Conductivity	Flow Cell					
LOCATION	Oconomowoc WI			ORP	Flow Cell					
PERSONNEL	Ashley Kowalewski			DO	Flow Cell					
MONITOR WELL ID	MW-102S			MW-102D			MW-103S			
WATER TYPE	Groundwater			Groundwater			Groundwater			
DATE (month/day/year)	5- 13 -16			5- 18 -16			5- 11 -16			
STATIC WATER LEVEL (feet)*	7.24			8.14			5.61			
WELL DEPTH (feet)*	15.56			48.36			16.57			
PUMP INLET DEPTH (feet)*										
START PURGE TIME (Military)	10:00			9:40			11:10			
END PURGE TIME (Military)	12:25			10:05			11:30			
PURGE VOLUME (gallons)	2.0			2.0			1.5			
SAMPLE TIME (Military)	10:30			10:10			11:35			
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00	
TEMPERATURE (° C)	12.08	12.13	12.17	11.53	11.56	11.56	11.72	11.70	11.70	
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	1.23	1.23	1.23	1.39	1.39	1.40	0.959	0.959	0.964	
DISSOLVED OXYGEN (ppm)	6.84	6.83	6.79	0.30	0.30	0.29	0.0	0.0	0.0	
pH	7.13	7.14	7.14	6.79	6.79	6.79	7.02	7.02	7.02	
DISSOLVED OXYGEN (% Sat.)	65.9	65.9	65.6	2.8	2.9	2.8	0.0	0.0	0.0	
Turbidity	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.6	5.2	
ORP (mV)	355	356	356	0	-1	-2	255	254	254	
COLOR	Clear			Clear			Clear			
ODOR	None			None			None			
CLARITY	Clear			Clear			Clear			
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)									
ENDING WATER LEVEL (feet*)	7.38			8.17			5.84			
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories			
DATE SENT TO LAB										
SAMPLER'S NAME	AMK			AMK			AMK			

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-103D			MW-105S			MW-105D		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 18 -16			5- 11 -16			5- 11 -16		
STATIC WATER LEVEL (feet)*	5.02			3.33			2.82		
WELL DEPTH (feet)*	26.86			15.58			29.61		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	11:15			9:50			11:00		
END PURGE TIME (Military)	11:35			10:15			11:15		
PURGE VOLUME (gallons)	2.5			3.0			1.5		
SAMPLE TIME (Military)	11:40/11:45			10:30/10:35			11:20		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	11.43	11.45	11.46	12.83	12.86	12.88	12.39	12.40	12.41
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	1.11	1.11	1.11	1.52	1.52	1.53	1.40	1.40	1.40
DISSOLVED OXYGEN (ppm)	0.02	0.02	0.02	0.0	0.0	0.0	0.0	0.0	0.0
pH	6.79	6.80	6.80	7.04	7.04	7.04	7.16	7.16	7.16
DISSOLVED OXYGEN (% Sat.)	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Turbidity	0.0	0.0	0.0	13.1	13.9	13.4	49.9	47.9	48.1
ORP (mV)	222	220	218	-16	-17	-17	-53	-53	-53
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	5.62			3.56			2.88		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER' S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-105B			TW-202I			OW-6		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 11 -16			5- 18 -16			5- 18 -16		
STATIC WATER LEVEL (feet)*	3.41			5.23			12.02		
WELL DEPTH (feet)*	47.13			20.98			50.56		
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	11:35			14:50			12:00		
END PURGE TIME (Military)	11:52			15:15			12:20		
PURGE VOLUME (gallons)	4.0			2.5			2.5		
SAMPLE TIME (Military)	11:50			15:20			12:25		
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	1:00	2:00	3:00	1:00	2:00	3:00
TEMPERATURE (° C)	18.44	18.48	18.52	11.24	11.23	11.28	12.39	12.35	12.40
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	0.767	0.766	0.764	1.19	1.19	1.19	0.637	0.637	0.637
DISSOLVED OXYGEN (ppm)	0.0	0.0	0.0	2.68	2.61	2.55	3.39	3.40	3.40
pH	7.57	7.57	7.57	7.02	7.01	7.02	9.16	9.17	9.18
DISSOLVED OXYGEN (% Sat.)	0.0	0.0	0.0	25.4	24.7	24.1	32.8	33.0	32.9
Turbidity	4.0	3.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0
ORP (mV)	-11	-8	-9	56	56	55	157	160	163
COLOR	Clear			Clear			Clear		
ODOR	None			None			None		
CLARITY	Clear			Clear			Clear		
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)	17.84			5.28			17.13		
NAME OF LABORATORY	CT Laboratories			CT Laboratories			CT Laboratories		
DATE SENT TO LAB									
SAMPLER' S NAME	AMK			AMK			AMK		

*Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION				INSTRUMENTS					
PROJECT	Oconomowoc Electroplating			Temp. & pH	Flow Cell				
PROJECT NO.	117-7413001			Conductivity	Flow Cell				
LOCATION	Oconomowoc WI			ORP	Flow Cell				
PERSONNEL	Ashley Kowalewski			DO	Flow Cell				
MONITOR WELL ID	MW-14DR								
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	5- 10 -16								
STATIC WATER LEVEL (feet)*	4.18								
WELL DEPTH (feet)*	31.74								
PUMP INLET DEPTH (feet)*									
START PURGE TIME (Military)	14:00								
END PURGE TIME (Military)	14:15								
PURGE VOLUME (gallons)	2.0								
SAMPLE TIME (Military)	14:20								
STABILIZED INDICATOR PARAMETERS READINGS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes since initial reading)	1:00	2:00	3:00	:00	:00	:00	:00	:00	:00
TEMPERATURE (° C)	10.72	10.71	10.70						
ELECTRICAL CONDUCTANCE at 25° C (us/cm)	1.17	1.17	1.17						
DISSOLVED OXYGEN (ppm)	0.0	0.0	0.0						
pH	7.14	7.14	7.14						
DISSOLVED OXYGEN (% Sat.)	0.0	0.0	0.0						
Turbidity	1.8	1.5	1.7						
ORP (mV)	289	288	288						
COLOR	Clear								
ODOR	None								
CLARITY	Clear								
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
ENDING WATER LEVEL (feet*)									
NAME OF LABORATORY	CT Laboratories								
DATE SENT TO LAB									
SAMPLER' S NAME	AMK								

*Measured from top of well casing.

APPENDIX D

NATURAL BIODEGRADATION POTENTIAL SCORING CRITERIA TABLE

Table 1: Analytical Parameters and Weighting for Screening

Analyte	Concentration in Most Contaminated Zone	Interpretation/Comments	Points
Oxygen ^a	<.5 mg/L	Tolerated; suppresses reductive dechlorination at higher concentrations	3
Oxygen ^a	>1 mg/L	Vinyl chloride may be oxidized aerobically, but reductive dechlorination will not occur	-3
Nitrate ^a	<1 mg/L	May compete with reductive pathway at higher concentrations	2
Manganese (II)	>1 mg/L	Anaerobic oxidation of cDCE possible	2
Iron (II)	>1 mg/L	Reductive pathway possible; anaerobic oxidation of vinyl chloride to CO ₂ possible	3
Sulfate ^a	<20 mg/L	May compete with reductive pathway at higher concentrations	2
Sulfide ^a	>1 mg/L	Reductive pathway possible	3
Methane ^a	>.01 mg/L	Ultimate reductive breakdown product	2
	>1	Vinyl chloride accumulates	3
	<1	Vinyl chloride oxidizes	
Oxidation reduction potential ^a	<50 mV against Ag/AgCl	Reductive pathway possible	<50 mV = 1 <-100 mV = 2
pH ^a	5<pH<9	Tolerated range for reductive pathway	
DOC	>20 mg/L	Carbon and energy source; drives dechlorination; can be natural or anthropogenic	2
Temperature ^a	>20°C	At T>20°C, chemical process can be accelerated ^(f)	1
Carbon dioxide	>2x background	Ultimate oxidative breakdown product	1
Alkalinity	>2x background	Results from interaction of carbon dioxide with aquifer minerals	1
Chloride ^a	>2x background	Product of organic chlorine ; compare chloride in plume to background conditions	2
Hydrogen	>1 nM	Reductive pathway possible; vinyl chloride may accumulate	3
	<1 nM	Vinyl chloride oxidized	
Volatile fatty acids	>0.1 mg/L	Intermediates resulting from biodegradation of aromatic compounds; carbon and energy source	2
BTEX ^a	>0.1 mg/L	Carbon and energy source; drives dechlorination	2
Perchloroethene ^a		Material released	0
Trichloroethene ^a		Material released	0
		Product of perchloroethene dehalogenation	2 ^b
Dichloroethene ^a		Material released	0
		Product of trichloroethene biodegradation; if amount of <i>cis</i> -1,2-dichloroethene is greater than 80% of total dichloroethene, it is likely a product of trichloroethene or perchloroethylene dehalogenation.	2 ^b
Vinyl chloride ^a		Material released	0
		Product of dichloroethene biodegradation	2 ^b
Ethene/Ethane	<0.1 mg/L	Product of vinyl chloride dehalogenation	>0.01 mg/L=2 >0.1 = 3
Chloroethane ^a		Product of vinyl chloride biodegradation under reducing conditions	2
1,1,1-Trichloroethane ^a		Material released	0
1,1-dichloroethene ^a		Product of trichloroethene degradation or abiotic degradation of	

^a Required analysis.

^b Points awarded only if it can be shown that the compound is a breakdown product (i.e., not a constituent of the source of NAPL)

(Modified from: *Wiedemeier, T.H., J.T. Wilson, D.H. Kampbell, R.N. Miller, and J.E. Hansen. 1996*).

^(t) Temperature may have limited utility for assessing biodegradation potential. While some have found that the biodegradation rate of some chlorinated compounds is temperature dependent, others (9) found that the degradation of toluene is not dependent on temperature. Temperature may have a larger affect on abiotic degradation processes such as the degradation of 1,1,1-trichloroethane to 1,1-dichloroethylene.