



Carolina Commercial Heat Treat Semiannual Groundwater Monitoring Report

Prepared for:
Carolina Commercial Heat Treat
1690 Highway 138
Conyers, Georgia
HSI No. 10341

On behalf of:
Rex Heat Treat
Lansdale, PA

Prepared by:
ENVIRON International Corporation
Atlanta, Georgia

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Project Number:
07-21924

Groundwater Scientist Statement

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that the groundwater portions of this report were prepared by myself and appropriately qualified subordinates working under my direction.


Robert G. Patchett, P.G.

Registration No. 1639



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Acronyms and Abbreviations

CAP	Corrective Action Plan
CCHT	Carolina Commercial Heat Treat
11DCE	1,1-dichloroethene
c12DCE	cis-1,2-dichloroethene
t12DCE	trans-1,2-dichloroethene
ENVIRON	ENVIRON International, Inc.
GA EPD	Georgia Environmental Protection Division
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
ml	milliliter
PCE	tetrachloroethene
PDB	passive diffusion bag
SVE	soil vapor extraction
TCE	trichloroethene
VOC	volatile organic compounds
VRP	Voluntary Remediation Plan
ug/L	microgram per liter

1 Introduction

The former Carolina Commercial Heat Treat (CCHT) site is located at 1690 Highway 138 NE in Conyers, Georgia (**Figure 1**) and is owned by Rexmet Corporation (Rexmet). Rexmet currently leases the property to Bodycote Thermal Processing (BTP).

The Georgia Environmental Protection Division (GA EPD) listed the property on the Georgia Hazardous Site Inventory (HSI) on July 1, 1995, as Number 10341, due to a historic release of perchloroethylene (PCE) to soil. In addition to PCE in the soil, PCE and its breakdown products trichloroethylene (TCE); cis1,2-dichloroethene (c12DCE); and, 1,1-dichloroethene (11DCE) have been detected in the groundwater associated with the site. The groundwater impacts extend southeast from the former CCHT property across Highway 138. GA EPD determined that clean up levels have been met for the source materials and soil as stated in a March 2001 letter; therefore, subsequent investigation and corrective actions have focused on groundwater impacts across Highway 138.

In July 2013, Rexmet submitted a Voluntary Remediation Plan (VRP) application in July 2013. The VRP application was approved by the Georgia Environmental Protection Division (GA EPD) in a letter dated November 22, 2013. This report summarizes the activities that have taken place since the VRP application approval, including the results of the semiannual groundwater monitoring events conducted in October 2013 and April 2014. In addition to the semiannual groundwater monitoring, two surface water samples were collected during the April 2014 sampling event, as requested by GA EPD.

2 Site Background

The former CCHT property is located approximately 1.3 miles north of Interstate 20 (I-20). According to the Rockdale County Board of Assessors, the 1.7 acre consists of Tax Parcel ID 069001003L. An asphalt parking lot exists on the south and southwest portions of the property. Residential properties are located north and west (upgradient) of the site, and commercial/industrial properties are located south and east of the property. The topography southeast of Highway 138 consists of a steep grass slope and wooded area that leads to a drainage swale. This intermittent storm water drainage swale also flows on the southern portion of the site to a retention pond. This drainage swale conveys precipitation run-off from along Highway 138 to the pond. **Figure 2** shows the subject property as well as surrounding properties.

2.1 Historic Activities

The initial investigative activities associated with the site culminated with the submittal of a Corrective Action Plan (CAP) in January 2001, which was approved by GA EPD in March 2001. Based on the approved CAP, an air sparge/soil vapor extraction (SVE) remediation system was installed in 2001 to treat groundwater south of Highway 138. Additionally, an aggressive groundwater remedial action was conducted in early 2005 in the source area located at the front of the former CCHT building. A series of six multi-phase extraction (MPE) events were performed to remediate the groundwater in this area.

Active remediation via the air sparge system was suspended in June 2009, while the SVE portion of the system remained in operation. The air sparge system remained off to further evaluate the rebounding effect and the aquifer response in the remediation area. In September 2010, a mechanical failure of the SVE system caused a complete shutdown of the system. The remediation system has remained shut down as natural attenuation of the groundwater impacts is monitored.

In order to monitor the natural attenuation of the groundwater impacts, groundwater monitoring events have been performed semiannually since 2009. Additionally, to evaluate possible groundwater impact on the intermittent drainage swale and retention pond, two surface water samples were collected from the confluence of the drainage swale and pond. During the monitoring period after the groundwater remediation system was shut down, groundwater concentrations have decreased by approximately an order of magnitude.

In addition, to assess the bedrock groundwater conditions and vertically delineate the groundwater impacts, deep groundwater monitoring wells were installed in 2012 and 2013.

2.2 Site Geology

The geology at the site and surrounding properties is variable, and this variability has controlled the migration of the groundwater contaminants. Specifically, a localized bedrock high area has been identified immediately northwest (upgradient) of the site, while a steep drop and localized bedrock low area has been identified to the southeast (downgradient). This is followed by a second localized bedrock high area further to the southeast. The bedrock low area situated

between the two localized bedrock high areas essentially creates a depressed area of bedrock situated underneath and/or immediately downgradient of the suspected release area.

Shallow bedrock observed north of the drainage swale (adjacent to the east side of the former Carpenter Insulation building) is likely limiting groundwater migration to the east, as groundwater is not present in the overburden in this area. Numerous attempts to install shallow overburden wells northeast and southeast of the building were performed in 2006 and 2011. In all cases, bedrock was encountered above the water table; therefore, shallow monitoring wells could not be installed. Additionally, bedrock is at the ground surface on the northeast side of the building confirming the shallow rock presence along the east side of the groundwater plume.

3 Semiannual Groundwater Monitoring

The VRP specifies that the groundwater from 14 select wells at the site is to be sampled semiannually for two years. Therefore, groundwater from the specified wells was sampled in October 2013 and April 2014. The sampling methodology and results for the semiannual sampling events are presented in the following subsections.

3.1 Assessment Methodology

3.1.1 October 2013 Semiannual Event

Groundwater samples were collected in October 2013 from the 14 groundwater wells in the monitoring network and analyzed for VOCs. In addition, MW-13 was inadvertently sampled during this event even though it is not a part of the in the list of wells to be sampled in the VRP. Duplicate samples from MW-15 and MW-25D were also collected and analyzed for VOCs.

Prior to collecting groundwater samples, 28 existing monitoring wells associated with the site were gauged. It is notable that the groundwater elevations indicate that the water levels in several wells (MW-01, MW-04, MW-05, MW-06, MW-07, MW-08R, MW-09R, MW-10, MW-11, MW-13, MW-14, MW-18, MW-22, MW-24, and MW-26D) increased by approximately 1 to 5 feet since the previous semiannual sampling event (May 2013), while the water level in five of the wells remained relatively constant (MW-03, MW-12, MW-15, MW-23, and MW-25D). The water levels in the remainder of the wells decreased by approximately 1 foot (with exception of MW-28D, which decreased by approximately 6 feet since the May 2013 sampling event).

3.1.2 April 2014 Semiannual Event

Groundwater samples were collected on April 24, 2014, from the 14 groundwater wells in the monitoring network and analyzed for VOCs. Duplicate samples from MW-15 and MW-25D were also collected and analyzed for VOCs. Prior to collecting groundwater samples, 28 existing monitoring wells associated with the site were gauged. It is notable that the groundwater elevations indicate that the water levels in the wells at the site had increased approximately 1 to 2 feet since the October 2013 sampling event (with the exception of MW-28D which increased approximately 10 feet, and MW-11 and MW-27D which decreased slightly since the October 2013 sampling event).

3.1.3 Groundwater Gauging and Sampling Protocol

Prior to sampling, each monitoring well was opened and allowed to equilibrate. An electronic water-level meter was used to measure the static water level in the 28 existing monitoring wells associated with the site. Once the static water levels were recorded, the 14 wells to be sampled were purged using low-flow techniques and groundwater samples were collected using a peristaltic pump fitted with new, disposable tubing. The monitoring wells were purged until the pH, specific conductance, and temperature of the groundwater stabilized. The purge logs are provided in **Appendix A**.

3.1.4 Groundwater Sample Handling

Following adequate purging (i.e., reaching groundwater parameter stabilization), the samples were collected and placed into clean, laboratory provided, appropriately preserved (with laboratory-supplied hydrochloric acid), 40-milliliter glass vials, and labeled and placed on ice

prior to delivery under chain-of-custody protocol to Gulf Coast Analytical Laboratory, LLC (GCAL) in Baton Rouge, Louisiana for analysis. The sample containers for each well were handled using new, disposable Nitrile gloves. The samples were analyzed for VOCs using U.S. EPA SW-846 Method 8260B. For quality assurance and control, two duplicate samples were collected, and a trip blank accompanied the sample containers and groundwater samples, and was analyzed for the same parameters as the groundwater samples. In addition, the laboratory produced method blanks, laboratory control spikes, matrix spikes, and matrix spike duplicates.

3.1.5 Ancillary Field Activities

Following sampling, the purge water was contained in a steel, 55-gallon drum for future disposal. The electronic water level meter was decontaminated prior to its initial use and after being used at each well by cleaning with a Liquinox and distilled water mixture and then rinsing with distilled water.

3.2 Groundwater Flow Direction

The depth to groundwater was measured in each of the 28 existing monitoring wells during both semiannual monitoring events (October 2013 and April 2014), as described in **Section 3.1.3**. These measurements, in conjunction with the surveyed elevation of the reference point for each monitoring well (the top of well casing), were used to calculate the elevation of the water table at each monitoring well (except for MW-29D which has not been surveyed). Depth to groundwater measurements and corresponding groundwater elevations are presented for the April 2014 and previous groundwater sampling events in **Table 1**. Graphical representations of groundwater elevation changes for monitoring wells are included in the PCE concentration trend charts located in **Appendix B**.

Groundwater potentiometric maps were prepared for each semiannual event using the groundwater elevation data to estimate groundwater flow direction and horizontal hydraulic gradients for the surficial aquifer (**Figure 3** and **Figure 4**). Based on the potentiometric maps, groundwater flow at the site is generally toward the east.

3.3 Analytical Results

October 2013 - PCE was detected in 12 of the 14 monitoring wells at concentrations ranging from 7.75 µg/L to 353 µg/L. The concentration of PCE in MW-15 increased since the May 2013 sampling event (from 171 µg/L to 353 µg/L), whereas the concentration in other wells remained relatively constant. Several breakdown products of PCE, including TCE, 11DCE, and c12DCE have historically been detected in the downgradient monitoring wells at the site. A summary of the analytical results are presented in **Table 2**, and PCE concentrations in the groundwater are shown in **Figure 5**. Trend charts showing the VOC concentrations detected in the monitoring wells and the depth to groundwater are provided in **Appendix B**, and laboratory reports are provided in **Appendix C**.

April 2014 - PCE was detected in 12 of the 14 monitoring wells, at concentrations ranging from 5.25 µg/L to 369 µg/L. The concentration of PCE in MW-15 decreased since the October 2013 sampling event (from 353 µg/L to 148 µg/L), whereas the concentration in other wells remained relatively constant. A summary of the groundwater analytical results is presented in **Table 2**, and PCE concentrations in the groundwater are shown in **Figure 6**. Trend charts showing the

VOC concentrations detected in MW-07 and the depth to groundwater are provided in **Appendix B**, and laboratory reports are provided in **Appendix C**.

4 Surface Water Assessment

As requested by the GA EPD in their VRP comment letter dated November 22, 2013, ENVIRON collected two surface water samples as part of the April 2014 groundwater semiannual sampling event. These data provide insight into potential impact of constituents from the groundwater to the surface water.

4.1 Surface Water Sampling Methodology

ENVIRON collected surface water samples from the drainage swale upstream of the pond and at a point where the groundwater plume intersects the pond (**Figure 2**). Disposable tubing was lowered into the water halfway between the sediment and the surface of the water so that the sediment was not disturbed. Water samples were collected using a peristaltic pump fitted with dedicated, disposable tubing at a slow pumping rate. Following the EPA SEDS's published guidance on surface water sampling methodology (USEPA, 2007), the line was filled and the surface water sample was drained directly into laboratory-prepared 40-milliliter (ml) vials preserved with hydrochloric acid.

The surface water samples were submitted to GCAL laboratory for analysis and analyzed for VOCs using EPA Method 8260B. In keeping with the quality assurance/quality control (QA/QC) practices outlined in the SEDS guidance manual, these surface water samples were accompanied by a trip blank and two duplicate samples from the groundwater sampling event.

4.2 Surface Water Analytical Results

No VOCs were detected in either of the surface water samples collected in April 2014 (**Table 3**). The laboratory analytical data associated with the surface water sampling are presented in **Appendix C**.

5 Summary and Future Groundwater Monitoring

The approved corrective action for the site, monitored natural attenuation, continued during 2013-2014 period. Site activities conducted during this period included semiannual groundwater sampling in October 2013 and April 2014, and surface water sampling in April 2014. The results of the semiannual groundwater sampling activities indicate that:

- PCE is present in 12 of the 14 wells sampled.
- PCE concentrations have remained relatively constant or decreased slightly since previous sampling events, with exception of the PCE concentration in MW-15.
- The PCE concentration in MW-15 appears to be following a seasonal flux pattern (lower in the spring and higher in the fall).
- Several breakdown products of PCE, including TCE, 11DCE, and c12DCE, have been detected in the downgradient monitoring wells at the site.

As stated in the VRP, groundwater monitoring at the site will continue on a semiannual basis for two years (through 2015). During the April 2014 groundwater sampling event, ENVIRON installed one passive diffusion bag (PDB) sampler filled with deionized water in each of the 14 wells listed for sampling in the VRP. The PDB samplers rely on the free movement of groundwater through the well screen. As the groundwater flows through the well screen, VOCs will diffuse across the bag material until constituent concentrations within the bag reach equilibrium with concentrations in the surrounding groundwater. During the next sampling event (October 2014), the bags will be retrieved, and a groundwater sample will be collected from each PDB. For comparative purposes, an additional groundwater sample will be collected from one of the wells using the low-flow method described in Section 3.1.3. A new PDB sampler will then be deployed in each well for the subsequent sampling event. Semiannual sampling events will continue through October 2015.

Tables

Table 1 - Water Elevation Data
CCHT - HSI No. 10341
Conyers, Georgia

Well IDs	Date of Installation	Top of Casing Elevation	DTW 12/1/2009	Elevation 12/1/2009	DTW 9/20/2010	Elevation 9/20/2010	DTW 3/23/2011	Elevation 3/23/2011	DTW 9/27/2011	Elevation 9/27/2011	DTW 1/31/2012	Elevation 1/31/2012	DTW 9/17/2012	Elevation 9/17/2012	DTW 5/1/2013	Elevation 5/1/2013	DTW 10/7/2013	Elevation 10/7/2013	DTW 4/24/2014	Elevation 4/24/2014
MW-1	10/15/1993	865.81	23.26	842.55	23.17	842.64	24.07	841.74	26.79	839.02	28.57	837.24	30.15	835.66	26.30	839.51	24.20	841.61	23.12	842.69
MW-3	3/28/1995	866.61	19.92	846.69	18.40	848.21	17.25	849.36	20.51	846.10	19.57	847.04	--	--	17.39	849.22	17.72	848.89	16.02	850.59
MW-4	3/28/1995	874.16	27.76	846.4	27.54	846.62	28.80	845.36	--	--	33.95	840.21	--	--	30.85	843.31	28.26	845.90	27.07	847.09
MW-5 ⁽¹⁾	3/29/1995	873.58	NM	NM	12.11	861.47	11.93	861.65	14.22	859.36	14.68	858.90	--	--	12.93	860.65	11.87	861.71	10.73	862.85
MW-6	11/28/1995	868.76	11.64	861.94	23.58	845.18	24.89	843.87	27.51	841.25	29.62	839.14	29.61	839.15	27.32	841.44	24.61	844.15	23.55	845.21
MW-7	11/29/1995	863.60	23.96	844.80	21.14	842.46	21.89	841.71	24.69	838.91	26.29	837.31	27.95	835.65	24.02	839.58	22.09	841.51	20.97	842.63
MW-8	3/1/1999	861.89	21.13	842.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8R ^{(2) (3)}	9/6/2006	863.25	NM	NM	21.09	842.15	21.61	841.64	24.53	838.72	26.08	837.17	27.70	835.55	24.07	839.18	21.96	841.29	20.71	842.54
MW-9	3/2/1999	856.32	20.79	842.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9R ^{(2) (4)}	9/6/2006	857.14	18.19	838.97	17.54	839.62	18.62	838.52	20.88	836.26	22.53	834.61	--	--	24.28	832.86	18.85	838.29	18.10	839.04
MW-10	6/18/1999	866.14	23.67	842.47	23.51	842.63	24.40	841.74	27.16	838.98	28.89	837.25	30.50	835.64	26.63	839.51	24.56	841.58	23.43	842.71
MW-11	12/27/1999	847.53	12.21	835.32	14.18	833.35	12.89	834.64	16.92	830.61	16.45	831.08	--	--	15.05	832.48	12.80	834.73	12.85	834.68
MW-12	12/27/1999	846.59	13.57	833.02	15.03	831.56	14.00	832.59	18.12	828.47	16.77	829.82	19.63	826.96	15.71	830.88	15.67	830.92	14.02	832.57
MW-13	3/27/2000	866.00	23.00	843.00	22.92	843.08	23.76	842.24	26.59	839.41	28.33	837.67	29.95	836.05	26	840.00	23.91	842.09	22.72	843.28
MW-14	7/7/2000	842.24	18.48	823.76	21.64	820.60	18.73	823.51	20.29	821.95	21.09	821.15	22.54	819.70	20.87	821.37	19.27	822.97	18.55	823.69
MW-15	7/7/2000	843.25	13.39	829.86	14.78	828.47	13.85	829.40	17.14	826.11	15.80	827.45	18.97	824.28	15.36	827.89	15.56	827.69	13.96	829.29
MW-16	7/26/2000	830.18	9.06	821.12	NM	NM	15.54	814.64	11.62	818.56	10.99	819.19	--	--	10.98	819.20	11.66	818.52	10.19	819.99
MW-17	7/26/2000	826.35	15.2	811.15	16.94	809.41	10.74	815.61	14.94	811.41	15.37	810.98	--	--	15.68	810.67	16.57	809.78	15.69	810.66
MW-18 ⁽⁵⁾	9/6/2006	861.56	19.62	841.94	19.64	841.92	20.31	841.25	23.19	838.37	24.55	837.01	26.29	835.27	22.49	839.07	20.65	840.91	19.53	842.03
MW-19	9/7/2006	836.42	16.01	820.41	14.50	821.92	17.01	819.41	18.03	818.39	17.02	819.40	19.08	817.34	16.76	819.66	18.20	818.22	16.14	820.28
MW-20	9/7/2006	841.37	14.39	826.98	15.58	825.79	14.87	826.50	20.67	820.70	16.43	824.94	19.27	822.10	15.73	825.64	16.43	824.94	14.74	826.63
MW-21	9/7/2006	838.58	15.02	823.56	15.57	823.01	16.98	821.60	17.12	821.46	17.98	820.60	19.80	818.78	17.68	820.90	18.52	820.06	16.73	821.85
MW-22	6/12/2007	854.34	20.87	833.47	21.75	832.59	22.28	832.06	24.62	829.72	24.39	829.95	26.74	827.60	23.31	831.03	22.65	831.69	21.38	832.96
MW-23	6/12/2007	841.56	10.32	831.24	11.78	829.78	10.72	830.84	14.05	827.51	12.83	828.73	15.87	825.69	12.18	829.38	12.43	829.13	10.86	830.70
MW-24	6/12/2007	847.36	22.02	825.34	21.43	825.93	22.15	825.21	24.11	823.25	24.61	822.75	26.37	820.99	23.92	823.44	23.13	824.23	22.41	824.95
MW-25D ⁽⁶⁾	6/12/2007	850.17	15.5	834.69	17.57	832.62	16.64	833.53	20.19	829.98	19.75	830.42	22.44	827.73	18.42	831.75	18.30	831.87	16.67	833.50
MW-26D ⁽⁷⁾	6/12/2007	861.26	20.12	837.06	20.50	836.68	20.30	840.96	23.72	837.54	24.59	836.67	26.51	834.75	22.32	838.94	21.17	840.09	19.66	841.60
MW-27D	5/18/2012	834.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.50	824.81	5.75	828.56	6.02	828.29	6.41	827.90
MW-28D	5/18/2012	834.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	28.29	805.89	8.8	825.38	14.60	819.58	4.47	829.71
MW-29D ⁽⁸⁾	5/3/2013	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	15.90	--	15.03	--

Notes:
(1) Well was resurveyed on June 8, 2003. Historic elevation was 874.66 ft amsl.
(2) Well is a replacement well installed on September 6, 2006.
(3) Well was resurveyed on May 22, 2012. Historic elevation was 863.24 ft amsl.
(4) Well was resurveyed on May 22, 2012. Historic elevation was 857.16 ft amsl.
(5) Well was resurveyed on May 22, 2012. Historic elevation was 861.56 ft amsl.
(6) Well was resurveyed on May 22, 2012. Historic elevation was 850.19 ft amsl.
(7) Well was resurveyed on May 22, 2012. Historic elevation was 857.18 ft amsl. The apparent inconsistency between current and historic casing elevations for MW-26D is due to the mislabeling of a survey ID point on June 28, 2007.
(8) Well was not surveyed.
DTW Depth to Water
NM Not Measured
-- Monitoring well has been abandoned

Table 2 - Summary of Groundwater Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

Analyte Units		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
MW-06	12/1/2009	< 5	< 5	< 5	< 5	17.9	< 5	< 2
	9/20/2010	< 5	< 5	< 5	< 5	5.03	< 5	< 2
	3/23/2011	< 5	< 5	< 5	< 5	7.97	< 5	< 2
	9/28/2011	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	5/2/2013	< 5	< 5	< 5	< 5	13.2	< 5	< 5
	10/7/2013	< 5	< 5	< 5	< 5	8.72	< 5	< 5
	4/24/2014	< 5	< 5	< 5	< 5	7.44	< 5	< 2
MW-08R	12/1/2009	< 5	7.89	< 5	< 5	19.8	< 5	< 2
	9/20/2010	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	3/23/2011	< 5	6.08	< 5	< 5	19.7	< 5	< 2
	9/27/2011	< 5	5.23	< 5	< 5	15.3	< 5	< 2
	2/2/2012	< 5	6.86	< 5	< 5	31	< 5	< 5
	9/18/2012 (DUP-02)	< 5	< 5	< 5	< 5	9.55	< 5	< 5
	9/18/2012	< 5	< 5	< 5	< 5	11.1	< 5	< 5
	5/1/2013	< 5	< 5	< 5	< 5	16.7	< 5	< 5
	5/3/2013 (DUP-01)	< 5	< 5	< 5	< 5	15.6	< 5	< 5
	10/7/2013	< 5	< 5	< 5	< 5	10.9	< 5	< 5
	4/24/2014	< 5	< 5	< 5	< 5	9.96	< 5	< 2
MW-12	12/3/2009	< 5	< 5	< 5	< 5	12.6	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	8.9	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	5.71	< 5	< 2
	9/27/2011	< 5	< 5	8.35	< 5	9.36	< 5	< 2
	1/31/2012	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	9/18/2012	< 5	< 5	< 5	< 5	6.68	< 5	< 5
	5/2/2013	< 5	< 5	< 5	< 5	5.27	< 5	< 5
	10/8/2013	< 5	< 5	< 5	< 5	7.75	< 5	< 5
	4/25/2014	< 5	< 5	< 5	< 5	7.95	< 5	< 2

Table 2 - Summary of Groundwater Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

Analyte Units		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
MW-14	12/1/2009	< 5	< 5	< 5	< 5	28.9	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	21.8	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	22.6	< 5	< 2
	9/28/2011	< 5	< 5	25	< 5	16.9	< 5	< 2
	2/1/2012	< 5	< 5	< 5	< 5	26	< 5	< 5
	9/17/2012	< 5	< 5	< 5	< 5	22.1	< 5	< 5
	5/2/2013	< 5	< 5	< 5	< 5	17.3	< 5	< 5
	10/8/2013	< 5	< 5	< 5	< 5	17.1	< 5	< 5
	4/25/2014	< 5	< 5	< 5	< 5	17.4	< 5	< 2
MW-15	12/3/2009 (DUP-02)	< 5	< 5	< 5	< 5	110	< 5	< 2
	12/3/2009	5.59	< 5	< 5	< 5	100	< 5	< 2
	9/21/2010	14.6	< 5	< 5	6.87	406	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	91.7	< 5	< 2
	9/28/2011	17.9	< 5	26	13.6	693	< 5	< 2
	2/1/2012 (DUP-01)	< 5	< 5	< 5	< 5	88.8	< 5	< 5
	2/1/2012	< 5	< 5	< 5	< 5	82.2	< 5	< 5
	9/17/2012	< 25 D	< 25 D	< 25 D	< 25 D	606 D	< 25 D	< 25 D
	5/2/2013	< 5	< 5	< 5	< 5	171	< 5	< 5
	10/8/2013 (DUP-01)	< 25	< 25	< 25	< 25	456	< 25	< 25
	10/8/2013	< 25	< 25	< 25	< 25	353	< 25	< 25
	4/24/2014	< 5	< 5	< 5	< 5	148	< 5	< 2
	4/25/2014 (DUP-01)	< 5	< 5	< 5	< 5	114	< 5	< 2

Table 2 - Summary of Groundwater Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

Analyte Units		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
MW-18	12/3/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	9/20/2010	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	3/23/2011	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	9/27/2011	< 5	< 5	5.72	< 5	< 5	< 5	< 2
	2/1/2012	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	9/18/2012	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	5/1/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	10/7/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	4/24/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 2
MW-19	12/3/2009	6.17	< 5	< 5	< 5	355	< 5	< 2
	3/5/2010	< 5	< 5	< 5	9.66	38.9	< 5	< 2
	9/21/2010	< 5	< 5	< 5	106	20.9	18.9	2.76
	3/24/2011	< 5	< 5	< 5	< 5	99.1	< 5	< 2
	9/28/2011	5.37	< 5	< 5	77.5	62.8	8.82	< 2
	1/31/2012	7.14	< 5	< 5	< 5	230 D	< 5	< 5
	9/18/2012	5.18	< 5	< 5	< 5	150	< 5	< 5
	5/2/2013	5.81	< 5	< 5	< 5	183	< 5	< 5
	10/8/2013	< 5	< 5	< 5	< 5	86.2	< 5	< 5
MW-20	4/25/2014	5.15	< 5	< 5	< 5	154	< 5	< 2
	12/3/2009	< 5	< 5	< 5	< 5	15.2	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	21	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	9.57	< 5	< 2
	9/28/2011	< 5	< 5	28.2	< 5	12.8	< 5	< 2
	2/1/2012	< 5	< 5	< 5	< 5	19.5	< 5	< 5
	9/17/2012	< 5	< 5	< 5	< 5	19.7	< 5	< 5
	5/2/2013	< 5	< 5	< 5	< 5	12.7	< 5	< 5
	10/8/2013	< 5	< 5	< 5	< 5	17.3	< 5	< 5
	4/25/2014	< 5	< 5	< 5	< 5	5.25	< 5	< 2

Table 2 - Summary of Groundwater Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

Analyte Units		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
MW-21	12/3/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	3/5/2010	< 5	< 5	< 5	< 5	131	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	117	< 5	< 2
	3/24/2011	< 5	< 5	< 5	25.1	< 5	< 5	4.75
	9/28/2011	5.47	< 5	< 5	< 5	107	< 5	< 2
	1/31/2012	< 5	< 5	< 5	9.95	22.8	< 5	< 5
	9/17/2012	< 5	< 5	< 5	40.5	50.6	14.1	< 5
	5/2/2013	< 5	< 5	< 5	< 5	44.8	< 5	< 5
	10/8/2013	< 5	< 5	< 5	17.0	63.9	11.2	< 5
	4/25/2014	< 5	< 5	< 5	< 5	45.2	< 5	< 2
MW-23	12/3/2009	58.1	< 5	< 5	10.9	1730	31.8	< 2
	9/21/2010 (DUP-02)	< 5	< 5	< 5	< 5	140	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	135	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	123	< 5	< 2
	3/24/2011 (DUP-01)	< 5	< 5	< 5	< 5	121	< 5	< 2
	9/27/2011 (DUP-02)	< 5	< 5	25.7	< 5	92.6	< 5	< 2
	9/27/2011	< 5	< 5	17.7	< 5	121	< 5	< 2
	1/31/2012	< 5	< 5	< 5	< 5	77.7	< 5	< 5
	9/18/2012	< 5	< 5	< 5	< 5	63.9	< 5	< 5
	5/3/2013	< 5	< 5	< 5	< 5	51.7	< 5	< 5
	10/24/2013	< 5	5.72	< 5	< 5	69.9	< 5	< 5
	4/25/2014	< 5	8.73	< 5	< 5	59.6	< 5	< 2

Table 2 - Summary of Groundwater Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

Analyte Units		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
MW-24	12/3/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	< 5	< 5	< 2
	9/28/2011	< 5	< 5	14.4	< 5	6.87	< 5	< 2
	2/1/2012	< 5	< 5	< 5	< 5	10.2	< 5	< 5
	9/17/2012	< 5	< 5	< 5	< 5	6.75	< 5	< 5
	5/2/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	10/8/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
	4/24/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 2
MW-25D	12/3/2009	< 5	< 5	< 5	< 5	296	< 5	< 2
	9/21/2010	< 5	< 5	< 5	< 5	532	< 5	< 2
	3/24/2011 (DUP-02)	< 5	< 5	< 5	< 5	93.8	< 5	< 2
	3/24/2011	< 5	< 5	< 5	< 5	146	< 5	< 2
	9/27/2011 (DUP-01)	< 5	< 5	15.8	< 5	107	< 5	< 2
	9/27/2011	< 5	< 5	< 5	< 5	103	< 5	< 2
	2/2/2012	< 5	5	< 5	< 5	274 D	< 5	< 5
	2/2/2012	< 5	< 5	< 5	< 5	355 D	< 5	< 5
	9/18/2012 (DUP-01)	< 25 D	< 25 D	< 25 D	< 25 D	280 D	< 25 D	< 25 D
	9/18/2012	< 25 D	< 25 D	< 25 D	< 25 D	370 D	< 25 D	< 25 D
	5/2/2013	< 25	< 25	< 25	< 25	318	< 25	< 25
	10/8/2013 (DUP-02)	< 25	< 25	< 25	< 25	375	< 25	< 25
	10/8/2013	< 10.0	< 10.0	< 10.0	< 10.0	317	< 10.0	< 10.0
	4/25/2014 (DUP-02)	< 25	< 25	< 25	< 25	369	< 25	< 25
	4/25/2014	< 5	< 5	< 5	< 5	293	< 5	< 2

Table 2 - Summary of Groundwater Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

Analyte Units		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
MW-26D	12/3/2009	56.6	< 5	< 5	11.2	1900	31.9	< 2
	12/3/2009	< 5	< 5	< 5	< 5	391	< 5	< 2
	9/20/2010 (DUP-01)	38.4	< 5	< 5	5.69	934	16.1	< 2
	9/20/2010	38.7	< 5	< 5	5.59	922	17.8	< 2
	3/23/2011	< 5	< 5	< 5	< 5	7.71	< 5	< 2
	9/27/2011	< 5	< 5	5.38	< 5	49.5	< 5	< 2
	2/1/2012	< 5	< 5	< 5	< 5	7.68	< 5	< 5
	9/18/2012	< 5	< 5	< 5	< 5	20.9	< 5	< 5
	5/1/2013	< 5	< 5	< 5	< 5	5.45	< 5	< 5
	5/3/2013 (DUP-02)	< 5	< 5	< 5	< 5	5.05	< 5	< 5
	10/7/2013	< 5	< 5	< 5	< 5	10.4	< 5	< 5
MW-27D	4/24/2014	< 5	< 5	< 5	< 5	11.2	< 5	< 2
	5/18/2012	< 5	14.4	< 5	< 5	120	< 5	< 5
	9/17/2012	< 5	5.49	< 5	< 5	114	< 5	< 5
	5/3/2013	< 5	5	< 5	< 5	89.5	< 5	< 5
	10/8/2013	< 5	5.13	< 5	< 5	96.2	< 5	< 5
	4/25/2014	< 5	< 5	< 5	< 5	69.3	< 5	< 2

Notes

ug/L - Micrograms per liter (parts per billion)

< - Analyte was not detected at the laboratory reporting limit indicated

D - Sample was diluted

Table 3 - Summary of Surface Water Analytical Data
CCHT (HSI No. 10341)
Conyers, Georgia

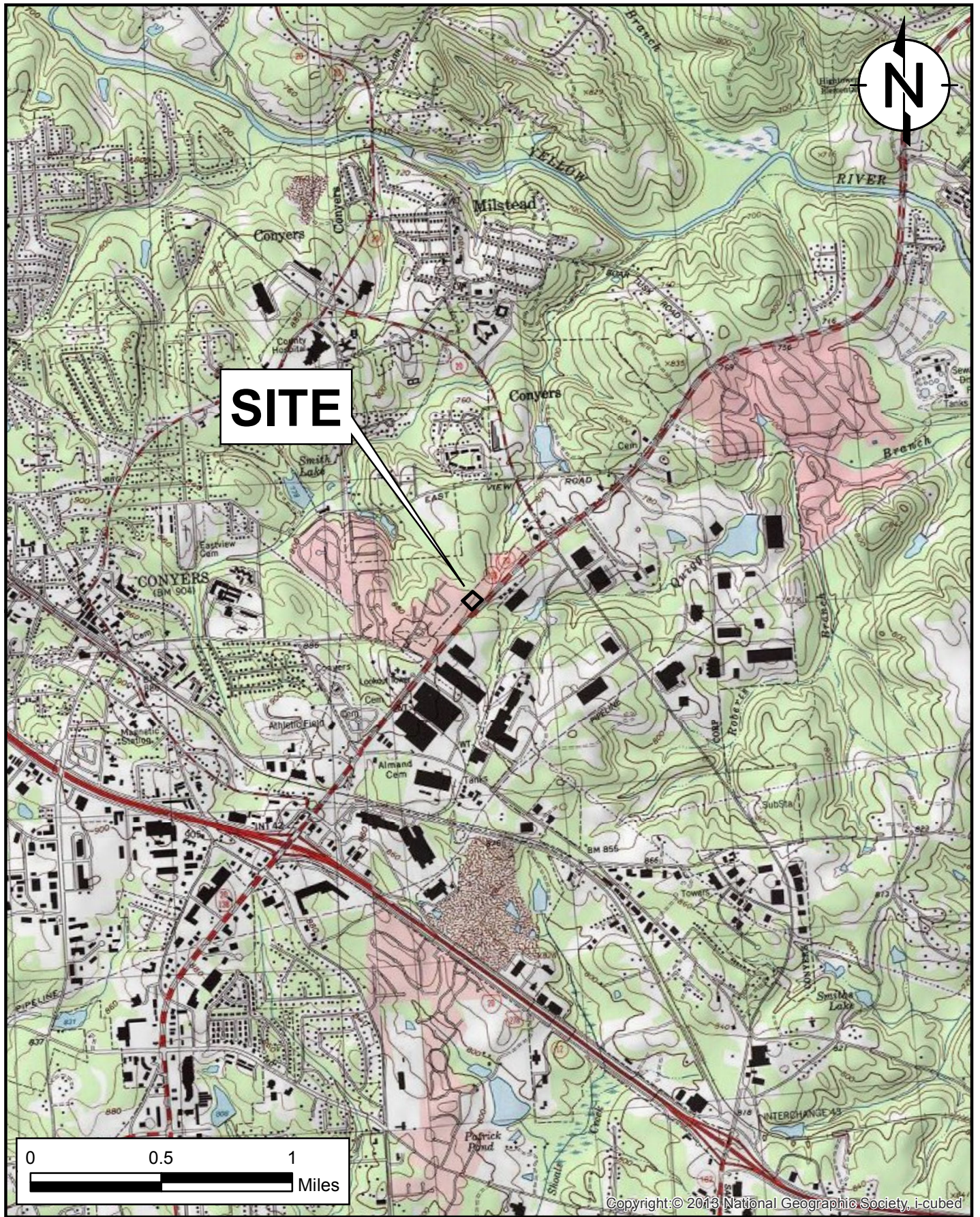
Analyte Unit		1,1-Dichloroethene ug/l	Chloroform ug/l	Chloromethane ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	Vinyl Chloride ug/l
Sample ID	Sample Date							
SW01	1/31/2012	< 5	< 5	< 5	< 5	5.37	< 5	< 5
SW01	4/25/2014	< 5	< 5	< 5	< 5	< 2.00	< 5	< 2.00
SW02	1/31/2012	< 5	< 5	< 5	< 5	< 3	< 5	< 5
SW02	4/25/2014	< 5	< 5	< 5	< 5	< 2.00	< 5	< 2.00

Notes

ug/L - Micrograms per liter (parts per billion)

< - Analyte was not detected at the laboratory reporting limit indicated

Figures



ENVIRON

SITE LOCATION MAP

CCHT- CONYERS, GEORGIA

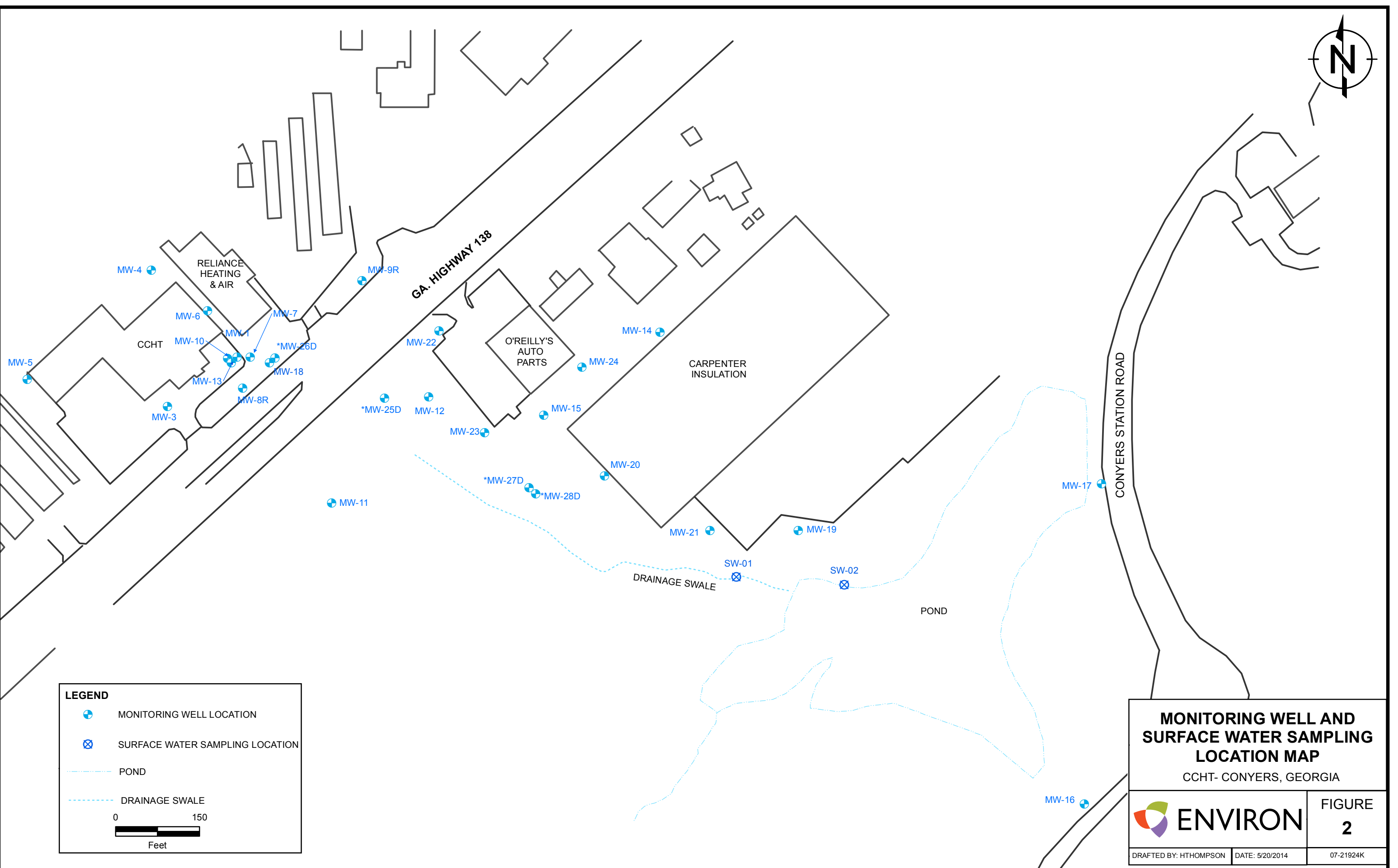
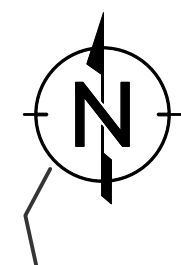
Figure

1

DRAFTED BY: HThompson

DATE: 5/13/2014

07-21924K

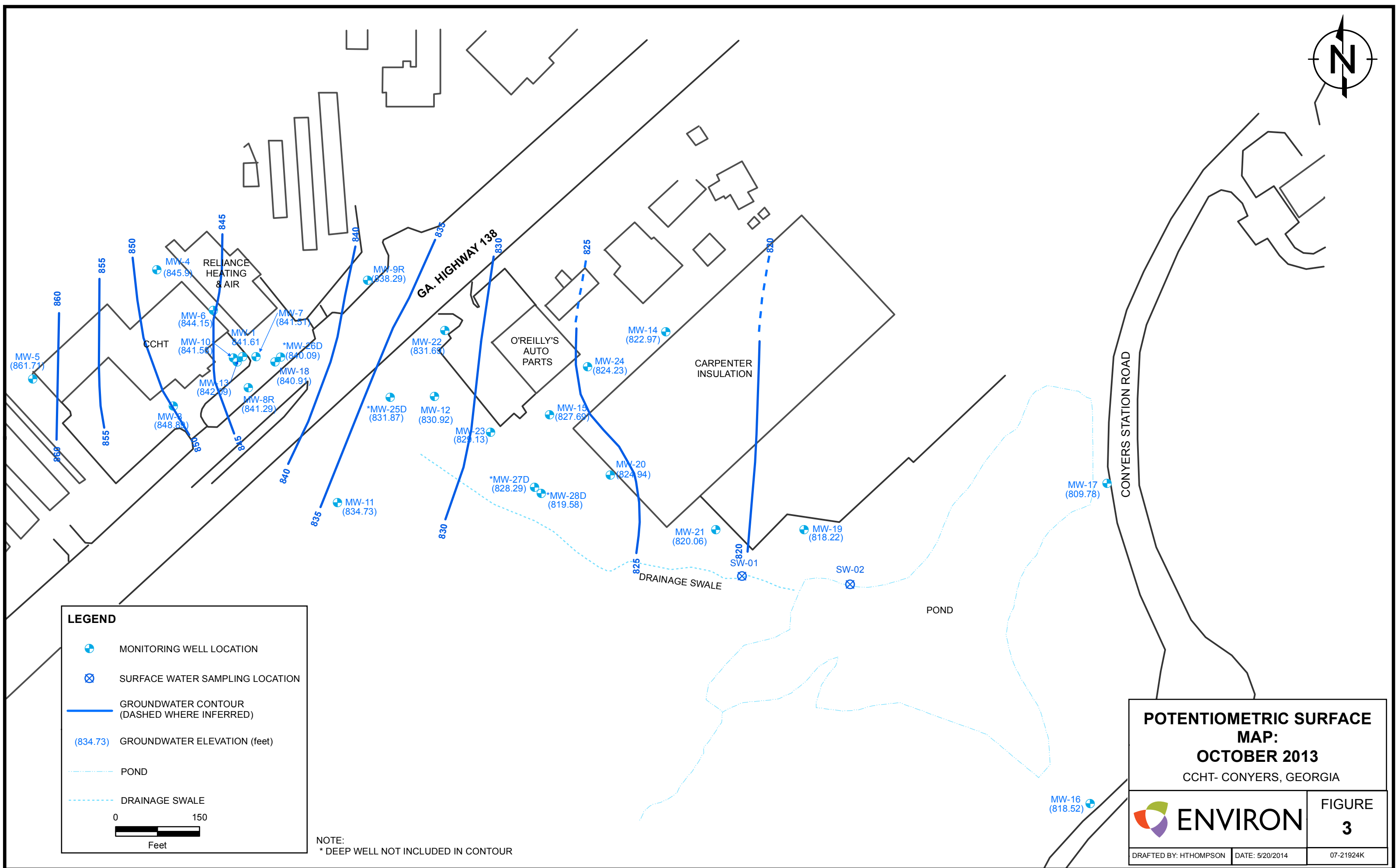
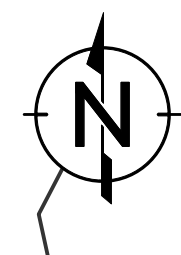


LEGEND

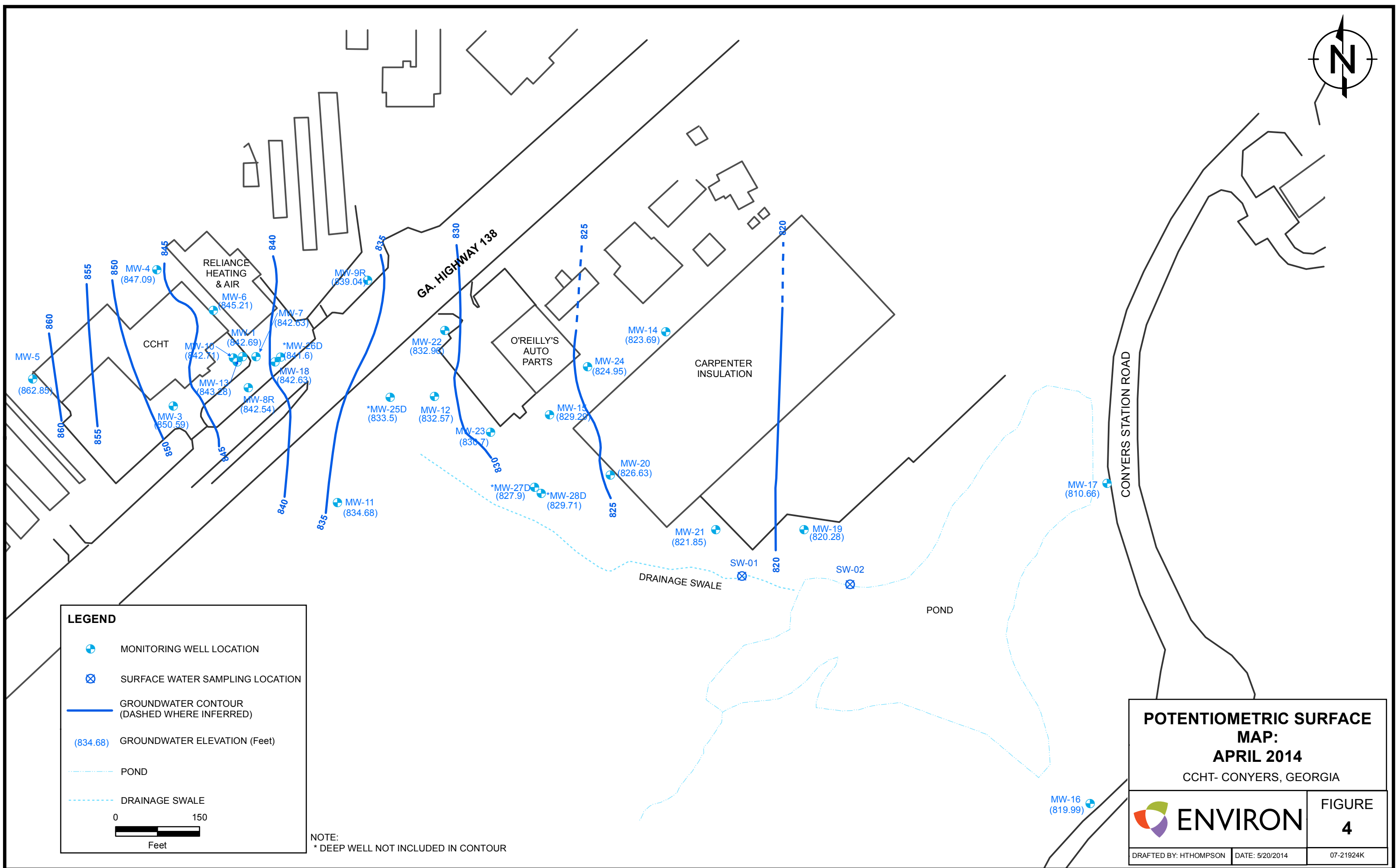
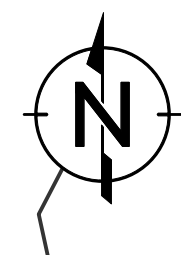
- MONITORING WELL LOCATION
- SURFACE WATER SAMPLING LOCATION
- POND
- DRAINAGE SWALE

0 150
Feet

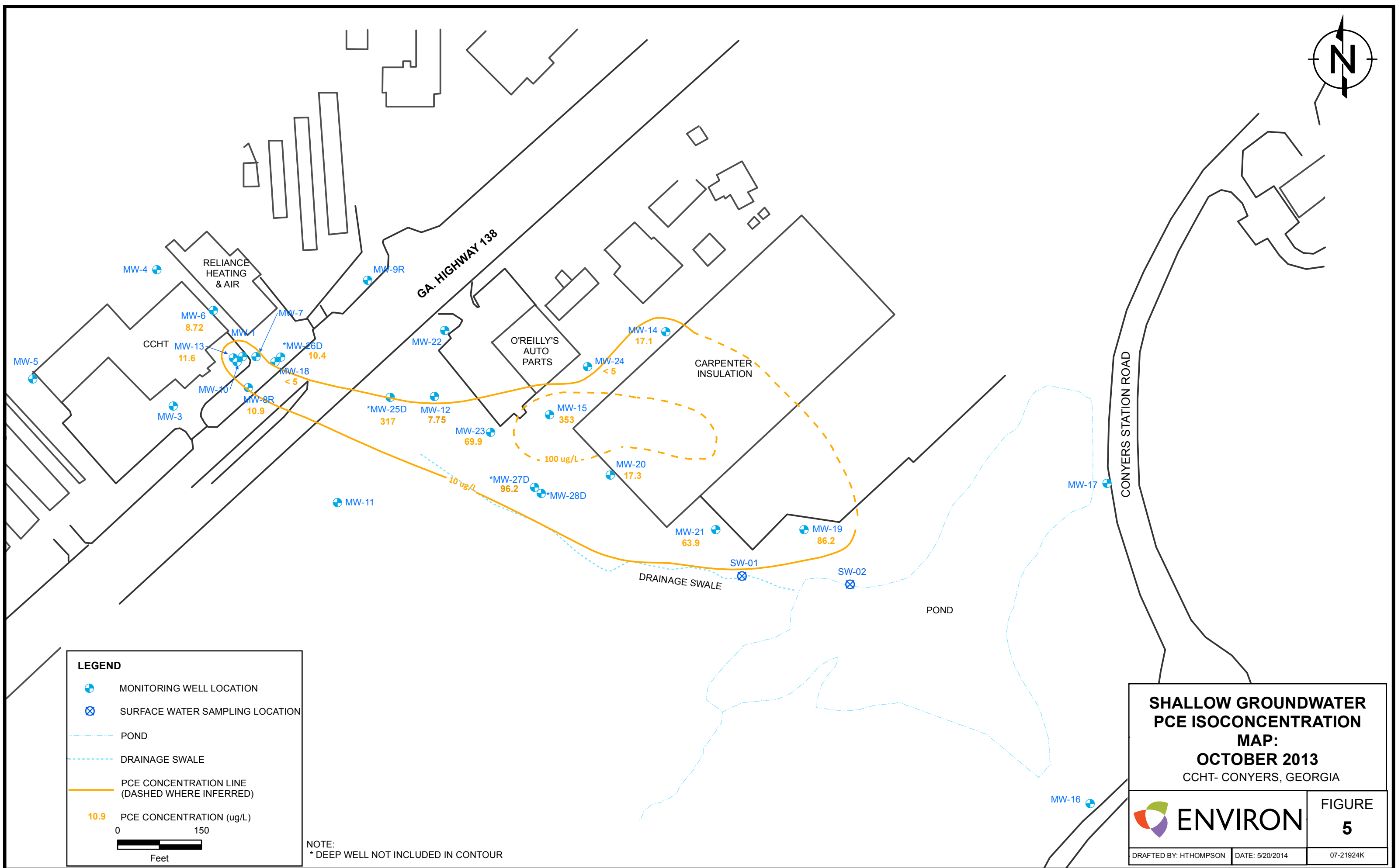
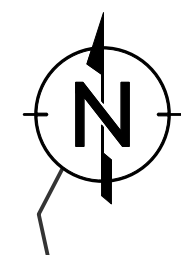
MONITORING WELL AND SURFACE WATER SAMPLING LOCATION MAP CCHT- CONYERS, GEORGIA		
		FIGURE 2
DRAFTED BY: HTHOMPSON	DATE: 5/20/2014	07-21924K



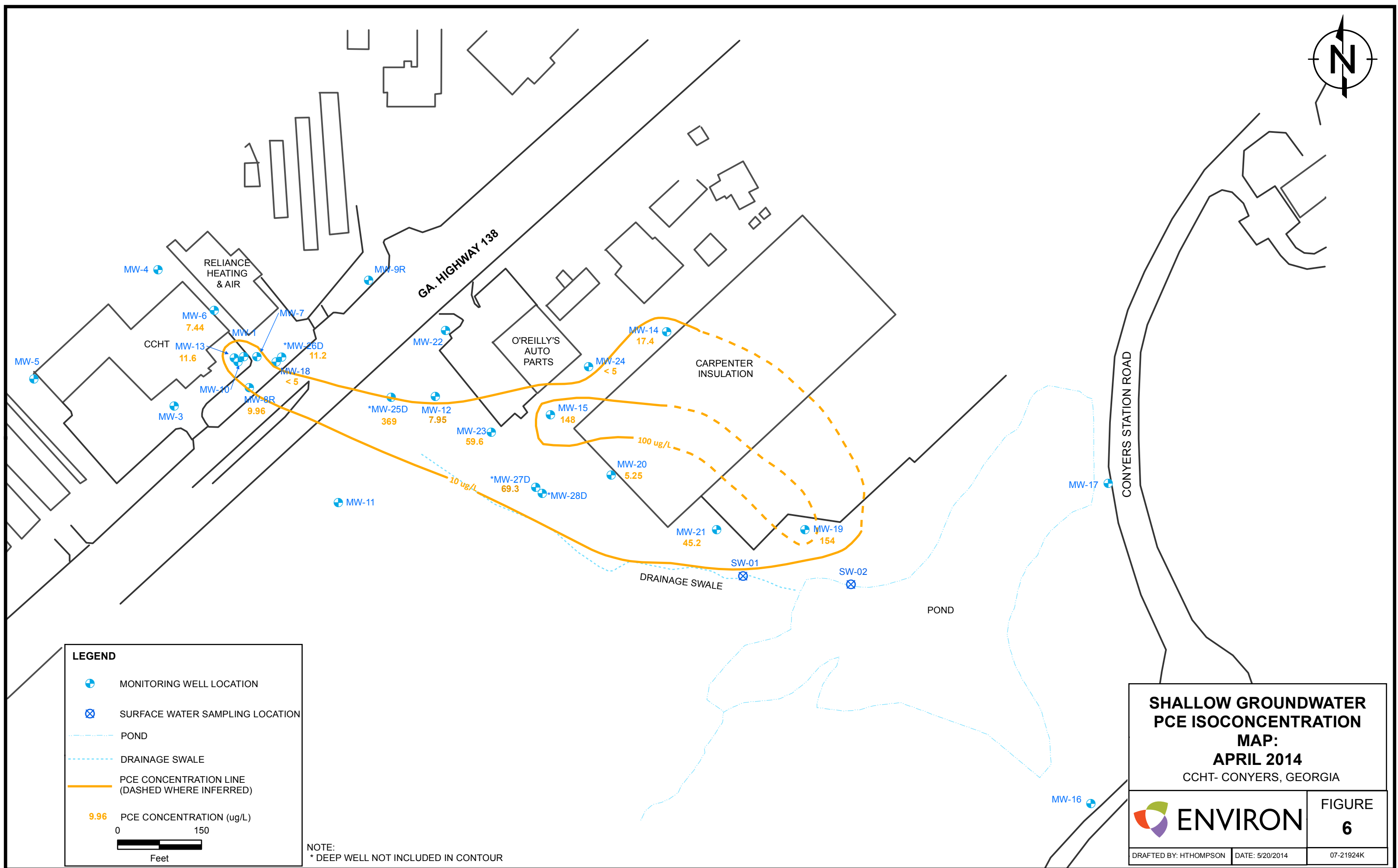
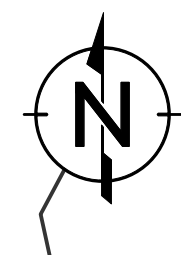
POTENTIOMETRIC SURFACE MAP: OCTOBER 2013 CCHT- CONYERS, GEORGIA		
 ENVIRON		FIGURE 3
DRAFTED BY: HTHOMPSON	DATE: 5/20/2014	07-21924K



POTENTIOMETRIC SURFACE MAP: APRIL 2014 CCHT- CONYERS, GEORGIA		
		FIGURE 4
DRAFTED BY: HTHOMPSON	DATE: 5/20/2014	07-21924K



SHALLOW GROUNDWATER PCE ISOCONCENTRATION MAP: OCTOBER 2013 CCHT- CONYERS, GEORGIA		
 ENVIRON		FIGURE 5
DRAFTED BY: HTHOMPSON	DATE: 5/20/2014	07-21924K



LEGEND

- MONITORING WELL LOCATION
- SURFACE WATER SAMPLING LOCATION
- POND
- DRAINAGE SWALE
- PCE CONCENTRATION LINE (DASHED WHERE INFERRED)
- 9.96 PCE CONCENTRATION (ug/L)
- 0 150 Feet

NOTE:
* DEEP WELL NOT INCLUDED IN CONTOUR

**SHALLOW GROUNDWATER
PCE ISOCONCENTRATION
MAP:
APRIL 2014**

CCHT- CONYERS, GEORGIA

ENVIRON

FIGURE
6

DRAFTED BY: HTHOMPSON DATE: 5/20/2014 07-21924K

Appendix A

Purge Logs

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
Site Location Conyers, GA Date 10/7/2013
Site/Well No. MW-06 Weather Sunny, 72°F
Site Personnel K. Hinkle

Well Data

Well Diameter/ Material 2"
Well Depth (ft BTOC) 30
Water Level (ft BTOC) 24.61
Water Column in Well (ft) 5.39
Casing Volume Multiplier 0.16
Gallons in Well 0.86
Well Condition missing 3 bolts

Purge Data

Purge Method Low Flow
Equipment Used Peristaltic Pump
Type of Tubing Used LDPE
Pump Intake Depth ~23.5
Static Pumping Level 24.76
Total Gallons Purged 1.5

Time

Begin Purge 1510
End Purge 1549
Sample Time (as on COC) 1550

Field Parameters

Initial Color brown-yellow Final none
Odor none none
Appearance turbid clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance ($\mu\text{S}/\text{cm}$)	pH	DO mg/L ($\mu\text{S}/\text{cm}$)	ORP
1515	24.73	0.1	55	21.98	332	4.83	8.11	220.6
1525	24.76	0.25	20.2	21.44	111	4.31	6.14	218.0
1537	24.76	0.5	8.99	21.36	116	4.38	5.86	208.7
1540	24.76	0.75	4.33	21.47	118	4.45	5.80	199.3
1543	24.76	1	2.40	21.33	119	4.48	5.95	195.8
1546	24.76	1.25	1.71	21.31	121	4.51	5.93	188.8
1549	24.76	1.5	1.96	21.34	122	4.54	5.86	183.9

Laboratory Data

Laboratory Used GCAL QAQC Samples: n/a
Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

Water Sampling Log

Well Data

Purge Data

Purge Method Low Flow

Equipment Used Peristaltic Pump

Type of Tubing Used poly tubing

Pump Intake Depth ≈ 1 foot from Bottom

Static Pumping Level 22.31

Total Gallons Purged 1.60

Time

Field Parameters

Initial	Final
Color	a little murky clear

Odor none none

Appearance fine particulates clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (mS/cm)	pH	DO (mg/L)	ORP
1510	22.50	0.4	2.49	24.51	182	4.49	2.99	218.6
1515	22.30	0.5	3.19	24.56	181	4.48	2.90	218.4
1520	22.31	0.7	2.20	24.45	181	4.47	2.42	220.2
1525	22.31	0.9	2.11	24.18	183	4.45	2.10	223.5
1530	22.31	1.1	1.92	24.21	184	4.44	2.01	225.8
1535	22.31	1.3	2.42	24.17	185	4.45	1.95	228.8
1638	22.31	1.4	1.58	24.28	187	4.45	1.91	235.0
1541	22.31	1.5	1.75	24.35	187	4.44	1.92	232.7
1544	22.31	1.6	2.77	24.26	190	4.45	1.92	234.8

Laboratory Data

Analysis Requested	VOCs
--------------------	------

	Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-¼" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-½" = 0.09	2-¼" = 0.26	3-½" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/2013
 Site/Well No. MW-12 Weather cloudy, 65°F
 Site Personnel K. Hade

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 24.5
 Water Level (ft BTOC) 15.67
 Water Column in Well (ft) 8.83
 Casing Volume Multiplier 0.16
 Gallons in Well 1.41
 Well Condition good

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Pump
 Type of Tubing Used LDPE
 Pump Intake Depth 23
 Static Pumping Level 15.84
 Total Gallons Purged 2

Time

Begin Purge 1440
 End Purge 1515
 Sample Time (as on COC) 1515

Field Parameters

Initial Color yellow-brown Final none
 Odor none none
 Appearance cloudy clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1450	15.84	0.25	69.8	19.92	142	4.18	4.47	123.9
1455	15.85	0.5	19.2	19.94	141	4.19	4.53	143.3
1500	15.84	0.75	8.59	20.30	142	4.21	4.60	149.5
1503	15.84	1	4.66	20.65	142	4.22	4.33	151.8
1506	15.84	1.25	2.84	20.64	141	4.22	4.43	153.2
1509	15.84	1.5	2.06	20.53	143	4.21	4.43	154.5
1512	15.84	1.75	1.55	20.54	142	4.20	4.36	155.0
1515	15.84	2	1.50	20.73	143	4.22	4.27	156.4

Laboratory Data

Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Gal./Ft.	Casing Volume Multipliers				Stabilization Criteria	
	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/7/2013
 Site/Well No. MW-13 Weather Sunny, 70°F
 Site Personnel K. Hade

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 38
 Water Level (ft BTOC) 23.91
 Water Column in Well (ft) 14.09
 Casing Volume Multiplier 0.16
 Gallons in Well 2.25
 Well Condition good

Purge Data

Purge Method Low flow
 Equipment Used Peristaltic pump
 Type of Tubing Used LDPE
 Pump Intake Depth 36.5
 Static Pumping Level 24.20
 Total Gallons Purged 3

Time

Begin Purge 1730
 End Purge 1815
 Sample Time (as on COC) 1815

Field Parameters

Initial Color brown Final none
 Odor none none
 Appearance very turbid clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
<u>1739</u>	<u>24.16</u>	<u>0.2</u>	<u>2.15</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>1803</u>	<u>24.20</u>	<u>2</u>	<u>2.36</u>	<u>21.60</u>	<u>109</u>	<u>4.59</u>	<u>6.10</u>	<u>163.6</u>
<u>1806</u>	<u>24.20</u>	<u>2.25</u>	<u>1.39</u>	<u>21.65</u>	<u>108</u>	<u>4.61</u>	<u>5.55</u>	<u>163.6</u>
<u>1809</u>	<u>24.20</u>	<u>2.5</u>	<u>1.66</u>	<u>21.69</u>	<u>107</u>	<u>4.61</u>	<u>5.33</u>	<u>166.1</u>
<u>1812</u>	<u>24.20</u>	<u>2.75</u>	<u>1.65</u>	<u>21.67</u>	<u>108</u>	<u>4.61</u>	<u>5.71</u>	<u>166.5</u>
<u>1815</u>	<u>24.20</u>	<u>3</u>	<u>0.71</u>	<u>21.64</u>	<u>107</u>	<u>4.62</u>	<u>5.32</u>	<u>167.5</u>

Laboratory Data

Laboratory Used GCAL QAQC Samples: n/a
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/13
 Site/Well No. mw-14 Weather cloudy, 60s, windy
 Site Personnel H. Thompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 33
 Water Level (ft BTOC) 19.27
 Water Column in Well (ft) 13.73
 Casing Volume Multiplier 0.16
 Gallons in Well 2.19
 Well Condition missing a Bolt

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Geopump
 Type of Tubing Used Poly Tubing
 Pump Intake Depth ~ 1 foot from Bottom
 Static Pumping Level 19.32
 Total Gallons Purged 1.60

Time

Begin Purge 1440
 End Purge 1521
 Sample Time (as on COC) 1523

Field Parameters

Initial Color clear Final clear
 Odor none
 Appearance clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1449	19.32	0.2	2.90	19.63	157	4.56	4.20	250.2
1455	19.32	0.4	1.13	19.76	152	4.54	3.21	260.1
1500	19.32	0.6	-1.21	20.05	150	4.55	3.15	262.6
1505	19.32	0.8	-3.33	19.76	148	4.52	3.13	271.1
1510	19.32	1.0	-4.20	19.76	148	4.51	3.11	275.1
1513	19.32	1.2	-4.40	19.70	149	4.49	3.10	277.0
1518	19.32	1.4	-4.41	19.41	150	4.48	3.14	282.3
1521	19.32	1.6	-4.62	19.37	150	4.48	3.15	283.5

Laboratory Data

Laboratory Used GCAL QAQC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/2013
 Site/Well No. MW-15 Weather Cloudy, 60°F
 Site Personnel K. Haele

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 33
 Water Level (ft BTOC) 15.56
 Water Column in Well (ft) 17.44
 Casing Volume Multiplier 0.16
 Gallons in Well 2.79
 Well Condition good

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Pump
 Type of Tubing Used LDPE
 Pump Intake Depth 31.5
 Static Pumping Level 17.64
 Total Gallons Purged 1.75

Time

Begin Purge 1100
 End Purge 1130
 Sample Time (as on COC) 1130

Field Parameters

Initial Color none Final none
 Odor none
 Appearance clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DG (mg/L)	ORP
1115	17.72	0.5	0.15	17.78	150	4.67	10.53	168.4
1118	17.73	0.75	0.03	17.79	149	4.67	10.42	159.0
1121	17.65	1	0.38	17.78	150	4.67	10.35	156.5
1124	17.64	1.25	0.27	17.80	149	4.67	10.35	155.2
1127	17.64	1.5	1.72	17.79	150	4.66	10.29	154.3
1130	17.64	1.75	0.28	17.80	148	4.66	10.29	153.8

Laboratory Data

Laboratory Used GCAL QAQC Samples: DUP-01
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Specific Conductance = 5%
					Temperature = 5%
					DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/7/2013
 Site/Well No. mw-18 Weather sunny, 70's, clear
 Site Personnel HThompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 30
 Water Level (ft BTOC) 20.65
 Water Column in Well (ft) 9.35
 Casing Volume Multiplier 0.16
 Gallons in Well 1.49
 Well Condition missing 2 BoHS

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Geopump
 Type of Tubing Used Poly Tubing
 Pump Intake Depth ~ 1 foot from Bottom
 Static Pumping Level 20.92
 Total Gallons Purged 4.70

Time

Begin Purge 1600
 End Purge 1750
 Sample Time (as on COC) 1752

Field Parameters

Initial Color tan Final clear
 Odor none
 Appearance fine particulates / murky

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
1610	20.92	0.4	42.5	22.83	70	5.34	0.75	197.4
1615	20.92	0.7	65.2	23.39	69	5.31	0.64	192.3
PUMP DUMPED OUT - FLOW CELL RESUME READINGS								
1625	20.92	0.9	91.1	23.01	66	5.26	1.19	196.3
1630	20.92	1.1	104.5	22.90	64	5.25	0.88	192.6
1640	20.92	1.7	97.5	22.76	64	5.25	0.94	189.4
1645	20.92	2.1	53.1	22.38	65	5.25	1.03	189.7
1655	20.92	2.5	83.1	22.56	63	5.24	1.00	188.1
1700	20.92	2.7	33.3	22.07	63	5.25	0.96	188.6
1705	20.92	2.9	53.8	22.26	63	5.18	0.94	192.6
1720	20.92	3.7	28.6	22.09	63	5.22	0.99	191.8
1725	20.92	3.9	17.9	21.76	62	5.21	1.01	193.0
1730	20.92	4.1	10.42	21.47	62	5.15	1.07	198.2
1735	20.92	4.3	15.5	21.49	62	5.16	1.10	197.4
1740	20.92	4.5	13.2	21.30	62	5.19	1.14	197.4
1750	20.92	4.7	20.5	21.22	62	5.19	1.13	197.9

Laboratory Data

Laboratory Used GCAL QAQC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			6" = 1.47		

Water Sampling Log

	Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-¼" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-½" = 0.09	2-½" = 0.26	3-½" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/13
 Site/Well No. mw-20 Weather cloudy, 60's. Windy
 Site Personnel H. Thompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 25
 Water Level (ft BTOC) 16.43
 Water Column in Well (ft) 8.57
 Casing Volume Multiplier 0.16
 Gallons in Well 1.37
 Well Condition missing 2 Bolts

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Geopump
 Type of Tubing Used Pvc Tubing
 Pump Intake Depth ~1 foot from Bottom
 Static Pumping Level 16.98
 Total Gallons Purged 1.90

Time

Begin Purge 1142
 End Purge 1244
 Sample Time (as on COC) 1245

Field Parameters

Initial Color clear Final clear
 Odor none
 Appearance clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (mcsm)	pH	DO (mg/L)	ORP
1156	16.98	0.3	-2.44	18.43	1939	5.90	1.91	-31.1
1201	16.98	0.4	-4.44	18.50	1926	5.90	1.58	-38.9
1206	16.98	0.5	-2.22	18.52	1892	5.89	1.28	-38.3
1211	16.98	0.6	-1.84	18.47	1710	5.87	1.09	-34.0
1214	16.98	0.7	-2.78	18.46	1579	5.85	0.94	-28.1
1217	16.98	0.8	-3.76	18.41	1538	5.84	0.93	-26.3
1220	16.98	1.0	-2.62	18.41	1535	5.83	0.92	-26.0
1223	16.98	1.2	-3.87	18.40	1490	5.82	0.85	-20.0
1226	16.98	1.3	-3.23	18.40	1457	5.81	0.83	-16.7
1229	16.98	1.4	-5.05	18.37	1367	5.78	0.73	-6.4
1232	16.98	1.5	-4.73	18.39	1339	5.77	0.72	-1.6
1235	16.98	1.6	-4.38	18.39	1302	5.76	0.74	-0.7
1238	16.98	1.7	-4.30	18.39	1282	5.75	0.72	-0.4
1241	16.98	1.8	-3.42	18.36	1262	5.74	0.71	1.0
1244	16.98	1.9	-4.72	18.38	1243	5.74	0.71	2.2

Laboratory Data

Laboratory Used GCAL QAQC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/13
 Site/Well No. MW-21 Weather cloudy, 60's, windy
 Site Personnel H. Thompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 25
 Water Level (ft BTOC) 18.52
 Water Column in Well (ft) 6.48
 Casing Volume Multiplier 0.16
 Gallons in Well 1.04
 Well Condition GOOD

Purge Data

Purge Method LOW Flow
 Equipment Used Peristaltic Geopump
 Type of Tubing Used Poly Tubing
 Pump Intake Depth ~1 foot from bottom
 Static Pumping Level Depth continued to drop
 Total Gallons Purged 1.10

Time

Begin Purge 1050
 End Purge 1129
 Sample Time (as on COC) 1130

Field Parameters

Initial Color clear Final clear
 Odor none
 Appearance clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1057	18.73	0.2	-3.79	19.36	375	5.77	1.18	127.8
1110	18.92	0.6	-5.19	19.40	386	5.75	1.07	127.0
1115	19.04	0.7	-5.20	19.39	385	5.73	0.99	124.6
1120	19.13	0.8	-4.63	19.43	386	5.72	0.91	127.2
1123	19.15	0.9	-6.42	19.52	386	5.72	0.86	127.2
1126	19.18	1.0	-5.36	19.48	386	5.72	0.84	127.1
1129	19.18	1.1	-5.07	19.40	386	5.71	0.83	127.1

Laboratory Data

Laboratory Used GCAL QAQC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/2013
 Site/Well No. MW-24 Weather cloudy, 60°F
 Site Personnel K. Hack

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 30
 Water Level (ft BTOC) 23.13
 Water Column in Well (ft) 6.87
 Casing Volume Multiplier 0.16
 Gallons in Well 4.0 1.10
 Well Condition missing 1 bolt

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Pump
 Type of Tubing Used LDPE
 Pump Intake Depth 28.5
 Static Pumping Level 23.61
 Total Gallons Purged 2.25

Time

Begin Purge 0955
 End Purge 1038
 Sample Time (as on COC) 1040

Field Parameters

Initial Final
 Color none none
 Odor none none
 Appearance cloudy clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µs/cm)	pH	DO (mg/L)	ORP
<u>1005</u>	<u>23.53</u>	<u>0.1</u>	<u>20.8</u>	<u>18.37</u>	<u>168</u>	<u>4.17</u>	<u>7.73</u>	<u>147.1</u>
<u>1020</u>	<u>23.61</u>	<u>0.75</u>	<u>5.37</u>	<u>18.45</u>	<u>148</u>	<u>4.15</u>	<u>6.55</u>	<u>191.5</u>
<u>1023</u>	<u>23.61</u>	<u>1</u>	<u>1.81</u>	<u>18.51</u>	<u>145</u>	<u>4.16</u>	<u>6.41</u>	<u>197.0</u>
<u>1026</u>	<u>23.61</u>	<u>1.25</u>	<u>1.04</u>	<u>18.52</u>	<u>143</u>	<u>4.16</u>	<u>6.25</u>	<u>200.9</u>
<u>1029</u>	<u>23.61</u>	<u>1.5</u>	<u>0.77</u>	<u>18.53</u>	<u>140</u>	<u>4.16</u>	<u>6.51</u>	<u>205.6</u>
<u>1032</u>	<u>23.61</u>	<u>1.75</u>	<u>0.62</u>	<u>18.51</u>	<u>139</u>	<u>4.17</u>	<u>6.48</u>	<u>208.6</u>
<u>1035</u>	<u>23.61</u>	<u>2</u>	<u>0.62</u>	<u>18.48</u>	<u>138</u>	<u>4.17</u>	<u>6.36</u>	<u>211.9</u>
<u>1038</u>	<u>23.61</u>	<u>2.25</u>	<u>0.62</u>	<u>18.46</u>	<u>135</u>	<u>4.17</u>	<u>6.33</u>	<u>209.6</u>

Laboratory Data

Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/2013
 Site/Well No. MW-25D Weather Partly Cloudy, 65°F
 Site Personnel K. Hacle

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 70.4
 Water Level (ft BTOC) 18.30
 Water Column in Well (ft) 52.1
 Casing Volume Multiplier 0.16
 Gallons in Well 8.34
 Well Condition good

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Pump
 Type of Tubing Used LDPE
 Pump Intake Depth 69
 Static Pumping Level 21.55
 Total Gallons Purged 5

Time

Begin Purge 1530
 End Purge 1647
 Sample Time (as on COC) 1650

Field Parameters

Initial Color none grey Final none
 Odor none Final none
 Appearance cloudy Final clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1540	20.40	0.25	2.44	20.26	440	8.94	1.65	80.7
1555	20.58	1.25	10.93	20.55	427	8.77	0.46	34.7
1600	21.61	—	—	—	—	—	—	—
1605	21.55	1.5	2.32	21.04	395	7.86	2.00	40.1
1608	21.51	1.75	2.20	21.02	386	7.55	0.76	38.1
1611	21.51	2	1.06	20.84	364	7.14	0.71	39.4
1614	21.54	2.25	1.06	20.64	344	6.94	0.79	39.8
1617	21.55	2.5	0.91	20.59	339	6.84	0.83	40.6
1620	21.54	2.75	0.82	20.61	331	6.75	0.88	39.7
1623	21.54	3	0.86	20.71	306	6.67	0.98	41.4
1626	21.55	3.25	0.51	20.57	296	6.59	1.05	42.5
1629	21.55	3.5	0.94	20.39	288	6.53	1.15	42.6
1632	21.56	3.75	0.38	20.38	282	6.50	1.23	42.7
1635	21.56	4	0.48	20.20	266	6.44	1.28	44.0
1638	21.55	4.25	0.45	20.15	263	6.42	1.30	44.5
1641	21.55	4.5	0.41	20.11	256	6.39	1.34	46.1

← empty flow cell to clean out

Laboratory Data

Laboratory Used GCAL QA/QC Samples: DVP-02
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

Water Sampling Log

Well Data		Purge Data	
Well Diameter/ Material	2"	Purge Method	
Well Depth (ft BTOC)		Equipment Used	
Water Level (ft BTOC)		Type of Tubing Used	
Water Column in Well (ft)		Pump Intake Depth	
Casing Volume Multiplier	0.16	Static Pumping Level	
Gallons in Well		Total Gallons Purged	
Well Condition			

Time	Field Parameters		
	Initial		Final
Begin Purge	<u>1647</u> <u>(K1)</u>	Color	
End Purge	<u>16</u> <u>(K1)</u>	Odor	
Sample Time (as on COC)		Appearance	

[illegible]

Laboratory Used GCAL QAQC Samples: _____

Analysis Requested VOCs

	Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-¼" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-½" = 0.09	2-½" = 0.26	3-½" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/7/13
 Site/Well No. MW-26D Weather Sunny, 75° F
 Site Personnel K. Hade

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 89.5
 Water Level (ft BTOC) 21.17
 Water Column in Well (ft) 68.33
 Casing Volume Multiplier 0.16
 Gallons in Well 10.93
 Well Condition good

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Pump
 Type of Tubing Used LDPE
 Pump Intake Depth ~ 88 ft
 Static Pumping Level 23.40
 Total Gallons Purged 2.25

Time

Begin Purge 1620
 End Purge 1700
 Sample Time (as on COC) 1700

Field Parameters

Initial Color yellow-brown Final none
 Odor none none
 Appearance cloudy clear with some large floating particles

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1635	23.02	0.5	7.91	21.62	159	6.27	0.79	38.1
1645	23.25	1	4.42	21.33	161	6.31	0.57	37.9
1648	23.38	1.25	2.90	21.25	162	6.34	0.57	38.9
1651	23.48	1.5	2.21	21.24	161	6.35	0.53	36.0
1654	23.45	1.75	2.10	21.47	160	6.36	0.59	33.2
1657	23.40	2	3.81	21.61	162	6.38	0.59	28.9
1700	23.40	2.25	1.49	21.57	161	6.37	0.60	24.2

Laboratory Data

Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Gal./Ft.	Casing Volume Multipliers				Stabilization Criteria	
	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/8/13
 Site/Well No. rw-27D Weather Sunny, 70s.
 Site Personnel HThompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 74
 Water Level (ft BTOC) 6.02
 Water Column in Well (ft) 67.98
 Casing Volume Multiplier 0.16
 Gallons in Well 10.88
 Well Condition Good

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Geopump
 Type of Tubing Used Poly Tubing
 Pump Intake Depth ~ 1 foot from bottom
 Static Pumping Level 6.54
 Total Gallons Purged 1.60

Time

Begin Purge 1552
 End Purge 1629
 Sample Time (as on COC) 1630

Field Parameters

Initial Color Clear Final Clear
 Odor None
 Appearance Clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1600	6.54	0.2	-1.83	18.07	107	5.46	2.39	266.9
1605	6.54	0.4	-6.29	17.90	107	5.42	1.98	277.8
1610	6.54	0.6	-5.59	17.84	107	5.38	1.80	279.9
1615	6.54	0.8	-5.75	17.79	106	5.36	1.47	281.3
1620	6.54	1.0	-5.55	17.80	105	5.32	1.40	281.9
1623	6.54	1.2	-4.95	17.83	104	5.31	1.47	281.6
1626	6.54	1.4	-5.70	17.85	103	5.30	1.50	282.8
1629	6.54	1.6	-6.42	17.87	102	5.29	1.51	283.9

Laboratory Data

Laboratory Used GCAL QAQC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			4" = 0.65		
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 10/24/2013
 Site/Well No. MW-23 Weather clear, sunny, 60's
 Site Personnel H. Thompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 24
 Water Level (ft BTOC) 12.58
 Water Column in Well (ft) 11.42
 Casing Volume Multiplier 0.16
 Gallons in Well 1.82
 Well Condition Missing Lock

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Geopump
 Type of Tubing Used Poly Tubing
 Pump Intake Depth ~ 22.5
 Static Pumping Level 12.59
 Total Gallons Purged 1.70

Time

Begin Purge 1045
 End Purge 1119
 Sample Time (as on COC) 1120

Field Parameters

Initial Color clear Final clear
 Odor none apparent none apparent
 Appearance very fine particulates clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
1055	12.58	0.5	9.82	15.97	0.165	4.68	8.17	351.3
1100	12.58	0.7	10.52	15.95	0.158	4.71	8.07	356.4
1105	12.59	0.9	7.20	16.03	0.157	4.73	8.09	360.2
1110	12.59	1.1	4.93	15.73	0.153	4.74	8.07	363.6
1113	12.59	1.3	3.40	15.87	0.151	4.74	7.90	365.2
1116	12.59	1.5	2.47	15.74	0.150	4.73	7.76	367.4
1119	12.59	1.7	2.24	15.88	0.150	4.73	7.76	368.3

Laboratory Data

Laboratory Used GCAL QA/QC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Specific Conductance = 5%
					Temperature = 5%
					DO = 0.2 or 10%

Project	CCHT	Project No.	0721924K	Page	1	of 1
Site Location	Conyers, GA			Date	4/24/2013	
Site/Well No.	MW-06	Weather	Sunny, 70°F			
Site Personnel	K. Hade					

Time		Field Parameters	
		Initial	Final
Begin Purge	<u>1343</u>	Color	<u>none</u>
End Purge	<u>1425</u>	Odor	<u>none</u>
Sample Time (as on COC)	<u>1425</u>	Appearance	<u>clear</u>

	Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-¼" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-½" = 0.09	2-½" = 0.26	3-½" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

Project	CCHT	Project No.	0721924K	Page	1	of 1
Site Location	Conyers, GA			Date	04/24/2014	
Site/Well No.	mw-08R		Weather	sunny, clear, 70's		
Site Personnel	Heather Thompson					

Time	Field Parameters		
	Initial		Final
Begin Purge	1345	Color	clear
End Purge	1424	Odor	none apparent
Sample Time (as on COC)	1425	Appearance	fine particulates

[illegible]

Laboratory Used: GCAL QA/QC Samples: N/A

Analysis Requested: VOCs

	Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-¾" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-½" = 0.09	2-½" = 0.26	3-½" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 04/25/2015
 Site/Well No. MW-12 Weather overcast ~62°F
 Site Personnel K. Hade

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>24.5</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>14.02</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>10.48</u>	Pump Intake Depth <u>~23</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>14.10</u>
Gallons in Well <u>1.68</u>	Total Gallons Purged <u></u>
Well Condition <u>good</u>	

Time	Field Parameters
Begin Purge <u>0854</u>	Initial Color <u>none</u> Final <u>none</u>
End Purge <u>0927</u>	Odor <u>none</u> <u>none</u>
Sample Time (as on COC) <u>0927</u>	Appearance <u>clear</u> <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
0905	14.07	0.5	—	16.88	131	3.92	3.83	128.7
0915	14.09	1	1.30	16.90	131	3.96	3.59	130.1
0918	14.10	1.25 (1.2)	1.80	16.89	134	3.99	3.56	129.7
0921	14.10	1.4	0.95	16.84	132	3.99	3.55	130.2
0924	14.10	1.6	—	16.88	133	3.97	3.54	132.5
0927	14.10	1.8	1.38	16.92	132	4.00	3.51	132.5

Laboratory Data

Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-¼" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-½" = 0.09 2-½" = 0.26 3-½" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 04/25/2014
 Site/Well No. mw-14 Weather clear, sunny, 60's
 Site Personnel Heather Thompson

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>33</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>18.55</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>14.45</u>	Pump Intake Depth <u>~ 31.5</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>18.57</u>
Gallons in Well <u>2.312</u>	Total Gallons Purged <u>1.50</u>
Well Condition <u>missing a bott</u>	

Time	Field Parameters
Begin Purge <u>0810</u>	Initial Color <u>clear</u> Final <u>clear</u>
End Purge <u>0844</u>	Odor <u>none apparent</u> <u>none apparent</u>
Sample Time (as on COC) <u>0845</u>	Appearance <u>clear</u> <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
0820	18.56	0.3	2.53	17.30	0.129	4.24	10.71	55.4
0825	18.57	0.5	1.15	17.28	0.129	4.25	10.73	54.6
0830	18.57	0.7	1.95	17.30	0.129	4.27	10.71	54.0
0835	18.57	0.9	1.20	17.27	0.128	4.32	10.44	54.8
0838	18.57	1.1	2.96	17.28	0.128	4.35	10.32	55.7
0841	18.57	1.3	1.72	17.28	0.127	4.36	10.14	56.8
0844	18.57	1.5	1.14	17.28	0.128	4.36	10.12	56.6

Laboratory Data

Laboratory Used GCAL QA/QC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-1/4" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-1/2" = 0.09 2-1/2" = 0.26 3-1/2" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 4/24/2014
 Site/Well No. MW-15 Weather Cloudy ~65°
 Site Personnel K. Hade

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>33</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>13.96</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>19.04</u>	Pump Intake Depth <u>~31</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>15.40</u>
Gallons in Well <u>3.05</u>	Total Gallons Purged <u>2</u>
Well Condition <u>good</u>	

Time	Field Parameters
Begin Purge <u>1705</u>	Initial Color <u>none</u> Final <u>none</u>
End Purge <u>1745</u>	Odor <u>none</u> <u>none</u>
Sample Time (as on COC) <u>1745</u>	Appearance <u>clear</u> <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
<u>1715</u>	<u>15.43</u>	<u>0.25</u>	<u>—</u>	<u>17.72</u>	<u>154</u>	<u>3.79</u>	<u>6.90</u>	<u>79.8</u>
<u>1720</u>	<u>15.54</u>	<u>0.5</u>	<u>0.54</u>	<u>17.98</u>	<u>157</u>	<u>3.93</u>	<u>6.64</u>	<u>80.3</u>
<u>1725</u>	<u>15.45</u>	<u>1</u>	<u>0.25</u>	<u>18.21</u>	<u>155</u>	<u>4.03</u>	<u>6.26</u>	<u>89.7</u>
<u>1733</u>	<u>15.45</u>	<u>1.2</u>	<u>0.40</u>	<u>18.02</u>	<u>156</u>	<u>4.18</u>	<u>6.23</u>	<u>88.1</u>
<u>1736</u>	<u>15.45</u>	<u>1.4</u>	<u>0.04</u>	<u>18.38</u>	<u>155</u>	<u>4.15</u>	<u>6.12</u>	<u>92.4</u>
<u>1739</u>	<u>15.40</u>	<u>1.6</u>	<u>0.0</u>	<u>18.39</u>	<u>154</u>	<u>4.41</u>	<u>6.13</u>	<u>83.8</u>
<u>1742</u>	<u>15.40</u>	<u>1.8</u>	<u>0.0</u>	<u>18.27</u>	<u>155</u>	<u>4.31</u>	<u>6.13</u>	<u>93.4</u>
<u>1745</u>	<u>15.40</u>	<u>2</u>	<u>0.0</u>	<u>18.31</u>	<u>155</u>	<u>4.24</u>	<u>6.12</u>	<u>101.5</u>

Laboratory Data

Laboratory Used GCAL QAQC Samples: DUP-01
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-1/4" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-1/2" = 0.09 2-1/2" = 0.26 3-1/2" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 4/24/2014
 Site/Well No. NW-18 Weather Sunny, ~70°F
 Site Personnel K. Hade

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>30</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>19.53</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>10.47</u>	Pump Intake Depth <u>28</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>19.70</u>
Gallons in Well <u>1.68</u>	Total Gallons Purged <u>3.6</u>
Well Condition <u>good - missing 2 bolts</u>	

Time	Field Parameters
Begin Purge <u>1445</u>	Initial Color <u>none</u> Final <u>none</u>
End Purge <u>1545</u>	Odor <u>none</u>
Sample Time (as on COC) <u>1545</u>	Appearance <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
1507	19.68	1.25	6.08	20.66	80	4.72	2.01	126.7
1510	19.68	1.5	5.25	20.52	80	4.71	1.96	125.5
1517	19.70	1.75	5.66	21.07	80	4.89	1.89	109.2
1520	19.70	2	4.08	20.22	81	4.93	1.96	105.1
1523	19.70	2.2	4.38	20.10	80	4.78	2.02	111.9
1526	19.70	2.4	3.67	20.52	80	4.71	1.97	114.4
1529	19.70	2.6	4.29	20.52	80	4.79	1.94	107.9
1532	19.70	2.8	3.83	20.22	80	5.11	2.03	87.3
1535	19.70	3	3.48	19.87	80	4.89	2.06	99.7
1538	19.70	3.2	4.10	19.67	80	4.77	1.97	105.5
1541	19.70	3.4	3.39	19.61	80	4.75	1.92	106.2
1544	19.70	3.6	3.39	19.43	80	4.70	1.89	107.4

Laboratory Data

Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-1/4" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-1/2" = 0.09 2-1/2" = 0.26 3-1/2" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 04/25/2014
 Site/Well No. mw-19 Weather overcast, 60's
 Site Personnel Heather Thompson

Well Data

Well Diameter/ Material 2"
 Well Depth (ft BTOC) 21
 Water Level (ft BTOC) 16.14
 Water Column in Well (ft) 4.86
 Casing Volume Multiplier 0.16
 Gallons in Well 0.77
 Well Condition Good

Purge Data

Purge Method Low Flow
 Equipment Used Peristaltic Pump
 Type of Tubing Used LDPE
 Pump Intake Depth ~ 19.5
 Static Pumping Level 16.67
 Total Gallons Purged 2.0

Time

Begin Purge 1105
 End Purge 1144
 Sample Time (as on COC) 1145

Field Parameters

Initial Color clear Final clear
 Odor none apparent none apparent
 Appearance clear clear

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
<u>1115</u>	<u>16.48</u>	<u>0.6</u>	<u>3.20</u>	<u>18.07</u>	<u>0.193</u>	<u>5.54</u>	<u>10.43</u>	<u>39.2</u>
<u>1120</u>	<u>16.63</u>	<u>0.8</u>	<u>2.92</u>	<u>18.20</u>	<u>0.179</u>	<u>5.54</u>	<u>9.54</u>	<u>63.9</u>
<u>1125</u>	<u>16.67</u>	<u>1.0</u>	<u>2.47</u>	<u>18.06</u>	<u>0.159</u>	<u>5.54</u>	<u>4.83</u>	<u>95.0</u>
<u>1130</u>	<u>16.67</u>	<u>1.2</u>	<u>2.32</u>	<u>18.12</u>	<u>0.144</u>	<u>5.45</u>	<u>3.95</u>	<u>116.1</u>
<u>1135</u>	<u>16.67</u>	<u>1.4</u>	<u>2.04</u>	<u>18.20</u>	<u>0.141</u>	<u>5.48</u>	<u>3.40</u>	<u>135.2</u>
<u>1138</u>	<u>16.67</u>	<u>1.6</u>	<u>1.11</u>	<u>18.12</u>	<u>0.137</u>	<u>5.47</u>	<u>2.48</u>	<u>126.0</u>
<u>1141</u>	<u>16.67</u>	<u>1.8</u>	<u>0.99</u>	<u>18.29</u>	<u>0.137</u>	<u>5.44</u>	<u>2.32</u>	<u>126.5</u>
<u>1144</u>	<u>16.67</u>	<u>2.0</u>	<u>0.88</u>	<u>18.35</u>	<u>0.137</u>	<u>5.45</u>	<u>2.10</u>	<u>127.4</u>

Laboratory Data

Laboratory Used GCAL QA/QC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	Temperature = 5%	DO = 0.2 or 10%
			6" = 1.47		

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 04/25/2014
 Site/Well No. mw-20 Weather cloudy, 60's
 Site Personnel Heather Thompson

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>25</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>14.74</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>10.26</u>	Pump Intake Depth <u>~ 24.0</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>15.37</u>
Gallons in Well <u>1.64</u>	Total Gallons Purged <u>1.70</u>
Well Condition <u>missing 2 Bolts</u>	

Time	Field Parameters
Begin Purge <u>0900</u>	Initial Color <u>clear</u> Final <u>clear</u>
End Purge <u>0935</u>	Odor <u>none apparent</u> <u>none apparent</u>
Sample Time (as on COC) <u>0935</u>	Appearance <u>clear</u> <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
0910	15.37	0.5	2.63	15.68	0.844	5.94	0.53	-137.1
0915	15.37	0.7	2.43	15.69	0.838	5.92	0.36	-123.4
0920	15.37	0.9	2.48	15.66	0.810	5.91	0.37	-117.4
0925	15.37	1.1	2.31	15.79	0.808	5.86	0.38	-102.7
0928	15.37	1.3	2.05	15.78	0.804	5.86	0.30	-100.6
0931	15.37	1.5	2.31	15.80	0.782	5.85	0.29	-98.6
0934	15.37	1.7	2.15	15.85	0.786	5.86	0.29	-98.2

Laboratory Data

Laboratory Used GCAL QAQC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-1/4" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-1/2" = 0.09 2-1/2" = 0.26 3-1/2" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 04/25/2014
 Site/Well No. mw-21 Weather overcast, 60's
 Site Personnel Heather Thompson

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>25</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>16.73</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>8.27</u>	Pump Intake Depth <u>≈ 24</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>Continued to change</u>
Gallons in Well <u>1.32</u>	Total Gallons Purged <u>2.20</u>
Well Condition <u>GOOD</u>	

Time	Field Parameters
Begin Purge <u>1000</u>	Initial Color <u>clear</u> Final <u>clear</u>
End Purge <u>1044</u>	Odor <u>none apparent</u> <u>none apparent</u>
Sample Time (as on COC) <u>1045</u>	Appearance <u>clear</u> <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
1010	17.65	0.5	4.89	17.36	0.209	6.14	6.38	-24.5
1015	17.78	0.8	6.03	17.58	0.211	6.13	0.99	-18.0
1020	17.83	1.0	3.78	17.72	0.212	6.17	0.38	-17.3
1025	17.92	1.2	2.53	17.82	0.213	6.13	1.16	-13.3
1030	17.95	1.4	2.58	18.39	0.217	6.13	0.43	-10.8
1035	18.00	1.6	1.60	18.32	0.217	6.15	0.42	-10.8
1038	18.01	1.8	1.49	17.83	0.217	6.05	0.37	-7.0
1041	18.03	2.0	1.51	17.73	0.216	6.05	0.38	-6.9
1044	18.07	2.2	1.54	17.79	0.216	6.04	0.37	-7.0

Laboratory Data

Laboratory Used GCAL QA/QC Samples: N/A
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-1/4" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-1/2" = 0.09 2-1/2" = 0.26 3-1/2" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 4/25/2014
 Site/Well No. MW-23 Weather Partly Cloudy, 62°F
 Site Personnel K. Itade

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>24</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>10.86</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>13.14</u>	Pump Intake Depth <u>22</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>11.12</u>
Gallons in Well <u>2.10</u>	Total Gallons Purged <u>1.25</u>
Well Condition <u>good</u>	

Time	Field Parameters
Begin Purge <u>0809</u>	Initial Color <u>none</u> Final <u>none</u>
End Purge <u>0839</u>	Odor <u>none</u>
Sample Time (as on COC) <u>0840</u>	Appearance <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
<u>0820</u>	<u>11.12</u>	<u>0.5</u>	<u>—</u>	<u>15.42</u>	<u>207</u>	<u>3.95</u>	<u>10.72</u>	<u>79.1</u>
<u>0827</u>	<u>11.12</u>	<u>0.75</u>	<u>4.59</u>	<u>15.51</u>	<u>205</u>	<u>4.05</u>	<u>6.40</u>	<u>87.6</u>
<u>0830</u>	<u>11.12</u>	<u>0.9</u>	<u>4.33</u>	<u>15.53</u>	<u>205</u>	<u>4.07</u>	<u>6.43</u>	<u>89.5</u>
<u>0833</u>	<u>11.12</u>	<u>1</u>	<u>—</u>	<u>15.52</u>	<u>204</u>	<u>4.09</u>	<u>6.18</u>	<u>92.7</u>
<u>0836</u>	<u>11.12</u>	<u>1.1</u>	<u>5.67</u>	<u>15.48</u>	<u>204</u>	<u>4.08</u>	<u>6.19</u>	<u>96.6</u>
<u>0839</u>	<u>11.12</u>	<u>1.25</u>	<u>4.74</u>	<u>15.52</u>	<u>205</u>	<u>4.09</u>	<u>6.20</u>	<u>100.9</u>
<u>0842</u>		<u>1.3</u>						

Laboratory Data

Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-¼" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-½" = 0.09 2-½" = 0.26 3-½" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 04/24/2014
 Site/Well No. MW-24 Weather sunny, clear, 70's
 Site Personnel Heather Thompson

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>30</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>22.41</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>7.59</u>	Pump Intake Depth <u>~ 28.5</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>22.67</u>
Gallons in Well <u>1.21</u>	Total Gallons Purged <u>1.80</u>
Well Condition <u>missing a bolt</u>	

Time	Field Parameters
Begin Purge <u>1705</u>	Initial Color <u>clear</u> Final <u>clear</u>
End Purge <u>1744</u>	Odor <u>none apparent</u> <u>none apparent</u>
Sample Time (as on COC) <u>1745</u>	Appearance <u>clear</u> <u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
1710	22.65	0.3	0.57	19.02	0.151	3.85	15.40	51.4
1715	22.67	0.5	0.40	19.04	0.151	3.96	14.64	55.5
1720	22.67	0.7	0.39	19.15	0.150	4.03	14.07	60.8
1725	22.67	0.9	0.36	19.26	0.149	4.07	13.42	63.4
1730	22.67	1.0	0.40	19.19	0.146	4.13	13.10	65.6
1735	22.67	1.2	0.35	19.27	0.144	4.19	12.74	66.7
1738	22.67	1.4	0.28	19.21	0.141	4.19	12.72	67.3
1741	22.67	1.6	0.23	19.13	0.138	4.21	12.75	67.6
1744	22.67	1.8	0.19	19.05	0.135	4.18	12.79	69.2

Laboratory Data

Laboratory Used GCAL QA/QC Samples: NIA
 Analysis Requested VOCs

Casing Volume Multipliers	Stabilization Criteria
Gal./Ft. 1-1/4" = 0.06 2" = 0.16 3" = 0.37 4" = 0.65	pH = 0.1 Specific Conductance = 5%
1-1/2" = 0.09 2-1/2" = 0.26 3-1/2" = 0.50 6" = 1.47	Temperature = 5% DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 4/25/2014
 Site/Well No. MW-25D Weather Overcast ~62°F
 Site Personnel K. Hade

Well Data		Purge Data	
Well Diameter/ Material	<u>2"</u>	Purge Method	<u>Low Flow</u>
Well Depth (ft BTOC)	<u>70.4</u>	Equipment Used	<u>Peristaltic Pump</u>
Water Level (ft BTOC)	<u>16.67</u>	Type of Tubing Used	<u>LDPE</u>
Water Column in Well (ft)	<u>53.73</u>	Pump Intake Depth	<u>68.5</u>
Casing Volume Multiplier	<u>0.16</u>	Static Pumping Level	<u>19.85</u>
Gallons in Well	<u>8.60</u>	Total Gallons Purged	<u>2.6</u>
Well Condition	<u>good</u>		

Time	Field Parameters		
	Initial		Final
Begin Purge	<u>0942</u>	Color <u>none</u>	<u>none</u>
End Purge	<u>1042</u>	Odor <u>none</u>	<u>none</u>
Sample Time (as on COC)	<u>1042</u>	Appearance <u>clear</u>	<u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DO (mg/L)	ORP
<u>1000</u>	<u>19.43</u>	<u>0.75</u>	<u>—</u>	<u>18.55</u>	<u>385</u>	<u>7.80</u>	<u>1.18</u>	<u>102.3</u>
<u>1003</u>	<u>19.52</u>	<u>.9</u>	<u>1.69</u>	<u>18.57</u>	<u>399</u>	<u>8.06</u>	<u>1.05</u>	<u>95.4</u>
<u>1006</u>	<u>19.48</u>	<u>1</u>	<u>—</u>	<u>18.74</u>	<u>402</u>	<u>8.19</u>	<u>0.95</u>	<u>90.4</u>
<u>1009</u>	<u>19.55</u>	<u>1.25</u>	<u>—</u>	<u>18.76</u>	<u>423</u>	<u>8.50</u>	<u>0.78</u>	<u>79.4</u>
<u>1012</u>	<u>19.72</u>	<u>1.4</u>	<u>—</u>	<u>18.98</u>	<u>402</u>	<u>8.31</u>	<u>0.79</u>	<u>78.6</u>
<u>1015</u>	<u>19.79</u>	<u>1.5</u>	<u>1.00</u>	<u>19.12</u>	<u>386</u>	<u>7.75</u>	<u>0.91</u>	<u>80.9</u>
<u>1018</u>	<u>19.81</u>	<u>1.6</u>	<u>—</u>	<u>19.08</u>	<u>378</u>	<u>7.46</u>	<u>0.93</u>	<u>81.1</u>
<u>1021</u>	<u>19.85</u>	<u>1.7</u>	<u>—</u>	<u>19.20</u>	<u>364</u>	<u>7.12</u>	<u>0.88</u>	<u>83.7</u>
<u>1024</u>	<u>19.85</u>	<u>2</u>	<u>0.78</u>	<u>19.49</u>	<u>345</u>	<u>6.95</u>	<u>0.96</u>	<u>76.5</u>
<u>1027</u>	<u>19.85</u>	<u>2.2</u>	<u>0.64</u>	<u>19.51</u>	<u>326</u>	<u>6.73</u>	<u>1.01</u>	<u>77.2</u>
<u>1033</u>	<u>19.85</u>	<u>2.4</u>	<u>—</u>	<u>19.31</u>	<u>315</u>	<u>6.65</u>	<u>1.05</u>	<u>75</u>
<u>1038</u>	<u>19.85</u>	<u>2.6</u>	<u>0.00</u>	<u>19.28</u>	<u>304</u>	<u>6.51</u>	<u>1.10</u>	<u>76.7</u>
<u>1042</u>								

Laboratory Data

Laboratory Used GCAL QAQC Samples: DUP-02
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Specific Conductance = 5%
					Temperature = 5%
					DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
Site Location Conyers, GA Date 04/24/2014
Site/Well No. mw-26D Weather sunny, clear, 70's
Site Personnel Heather Thompson

Well Data	Purge Data
Well Diameter/ Material <u>2"</u>	Purge Method <u>Low Flow</u>
Well Depth (ft BTOC) <u>89.5</u>	Equipment Used <u>Peristaltic Pump</u>
Water Level (ft BTOC) <u>19.66</u>	Type of Tubing Used <u>LDPE</u>
Water Column in Well (ft) <u>69.84</u>	Pump Intake Depth <u>~ 87.0</u>
Casing Volume Multiplier <u>0.16</u>	Static Pumping Level <u>continued to change</u>
Gallons in Well <u>11.17</u>	Total Gallons Purged <u>2.6</u>
Well Condition <u>poor missing all bolts</u>	

Time	Field Parameters
Begin Purge <u>1505</u>	Initial Color <u>clear</u> Final <u>clear</u>
End Purge <u>1604</u>	Odor <u>none apparent</u> <u>none apparent</u>
Sample Time (as on COC) <u>1605</u>	Appearance <u>slightly silty</u> <u>fine particulates</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (ms/cm)	pH	DO (mg/L)	ORP
<u>1510</u>	<u>20.34</u>	<u>0.3</u>	<u>37.3</u>	<u>21.46</u>	<u>0.033</u>	<u>5.88</u>	<u>14.22</u>	<u>61.2</u>
<u>1515</u>	<u>20.93</u>	<u>0.5</u>	<u>32.6</u>	<u>21.43</u>	<u>0.033</u>	<u>5.86</u>	<u>13.96</u>	<u>42.4</u>
<u>1520</u>	<u>21.19</u>	<u>0.7</u>	<u>26.7</u>	<u>21.40</u>	<u>0.033</u>	<u>5.99</u>	<u>13.17</u>	<u>31.1</u>
<u>1525</u>	<u>21.31</u>	<u>0.9</u>	<u>38.8</u>	<u>21.21</u>	<u>0.034</u>	<u>5.95</u>	<u>12.70</u>	<u>27.4</u>
<u>1530</u>	<u>21.45</u>	<u>1.0</u>	<u>40.5</u>	<u>21.29</u>	<u>0.034</u>	<u>5.88</u>	<u>0.74</u>	<u>20.5</u>
<u>1535</u>	<u>21.50</u>	<u>1.2</u>	<u>26.5</u>	<u>21.55</u>	<u>0.035</u>	<u>5.83</u>	<u>0.73</u>	<u>17.8</u>
<u>1540</u>	<u>21.53</u>	<u>1.4</u>	<u>29.9</u>	<u>21.39</u>	<u>0.036</u>	<u>6.03</u>	<u>0.73</u>	<u>14.7</u>
<u>1545</u>	<u>21.53</u>	<u>1.6</u>	<u>19.7</u>	<u>21.51</u>	<u>0.041</u>	<u>6.12</u>	<u>0.71</u>	<u>3.3</u>
<u>1550</u>	<u>21.53</u>	<u>1.8</u>	<u>14.1</u>	<u>21.59</u>	<u>0.046</u>	<u>6.25</u>	<u>0.68</u>	<u>0.0</u>
<u>1555</u>	<u>21.31</u>	<u>2.0</u>	<u>11.54</u>	<u>21.93</u>	<u>0.059</u>	<u>6.88</u>	<u>0.61</u>	<u>-5.9</u>
<u>1558</u>	<u>21.26</u>	<u>2.2</u>	<u>11.14</u>	<u>22.44</u>	<u>0.091</u>	<u>8.75</u>	<u>0.52</u>	<u>-12.0</u>
<u>1601</u>	<u>21.15</u>	<u>2.4</u>	<u>10.24</u>	<u>22.18</u>	<u>0.100</u>	<u>9.65</u>	<u>0.46</u>	<u>-21.9</u>
<u>1604</u>	<u>21.19</u>	<u>2.6</u>	<u>13.5</u>	<u>21.88</u>	<u>0.101</u>	<u>9.53</u>	<u>0.40</u>	<u>-17.8</u>

Laboratory Data

Laboratory Used GCAL QA/QC Samples: N/A
Analysis Requested VOCs

	Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1	Specific Conductance = 5%
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Temperature = 5%	DO = 0.2 or 10%

ENVIRON

Water Sampling Log

Project CCHT Project No. 0721924K Page 1 of 1
 Site Location Conyers, GA Date 4/25/2014
 Site/Well No. MW-27D Weather Partly Cloudy, 65°F
 Site Personnel K. Hade

Well Data		Purge Data	
Well Diameter/ Material	<u>2"</u>	Purge Method	<u>Low Flow</u>
Well Depth (ft BTOC)	<u>74</u>	Equipment Used	<u>Peristaltic Pump</u>
Water Level (ft BTOC)	<u>6.41</u>	Type of Tubing Used	<u>LDPE</u>
Water Column in Well (ft)	<u>67.59</u>	Pump Intake Depth	<u>72</u>
Casing Volume Multiplier	<u>0.16</u>	Static Pumping Level	<u>4.86</u>
Gallons in Well	<u>10.81</u>	Total Gallons Purged	<u>2</u>
Well Condition	<u>good</u>		

Time		Field Parameters	
Begin Purge	<u>1123</u>	Initial Color	<u>none</u>
End Purge	<u>1157</u>	Odor	<u>none</u>
Sample Time (as on COC)	<u>1200</u>	Appearance	<u>clear</u>

Field Measurements (note units)

Time	WL (ft BTOC)	Vol. Purged	Turbidity	Temp. (°C)	Sp. Conductance (µS/cm)	pH	DQ (mg/L)	ORP
<u>1133</u>	<u>4.89</u>	<u>0.25</u>	<u>—</u>	<u>16.32</u>	<u>111</u>	<u>4.51</u>	<u>3.22</u>	<u>41.9</u>
<u>1140</u>	<u>4.88</u>	<u>0.75</u>	<u>2.65</u>	<u>16.28</u>	<u>110</u>	<u>4.50</u>	<u>2.63</u>	<u>48.8</u>
<u>1145</u> (14)								
<u>1148</u>	<u>4.87</u>	<u>1.25</u>	<u>0.80</u>	<u>16.32</u>	<u>109</u>	<u>4.59</u>	<u>2.24</u>	<u>50.5</u>
<u>1151</u>	<u>4.86</u>	<u>1.5</u>	<u>—</u>	<u>16.33</u>	<u>109</u>	<u>4.64</u>	<u>2.62</u>	<u>50.1</u>
<u>1154</u>	<u>4.86</u>	<u>1.75</u>	<u>0.55</u>	<u>16.43</u>	<u>108</u>	<u>4.65</u>	<u>2.12</u>	<u>50.6</u>
<u>1157</u>	<u>4.86</u>	<u>2</u>	<u>1.29</u>	<u>16.48</u>	<u>108</u>	<u>4.63</u>	<u>2.08</u>	<u>53.7</u>

Laboratory Data

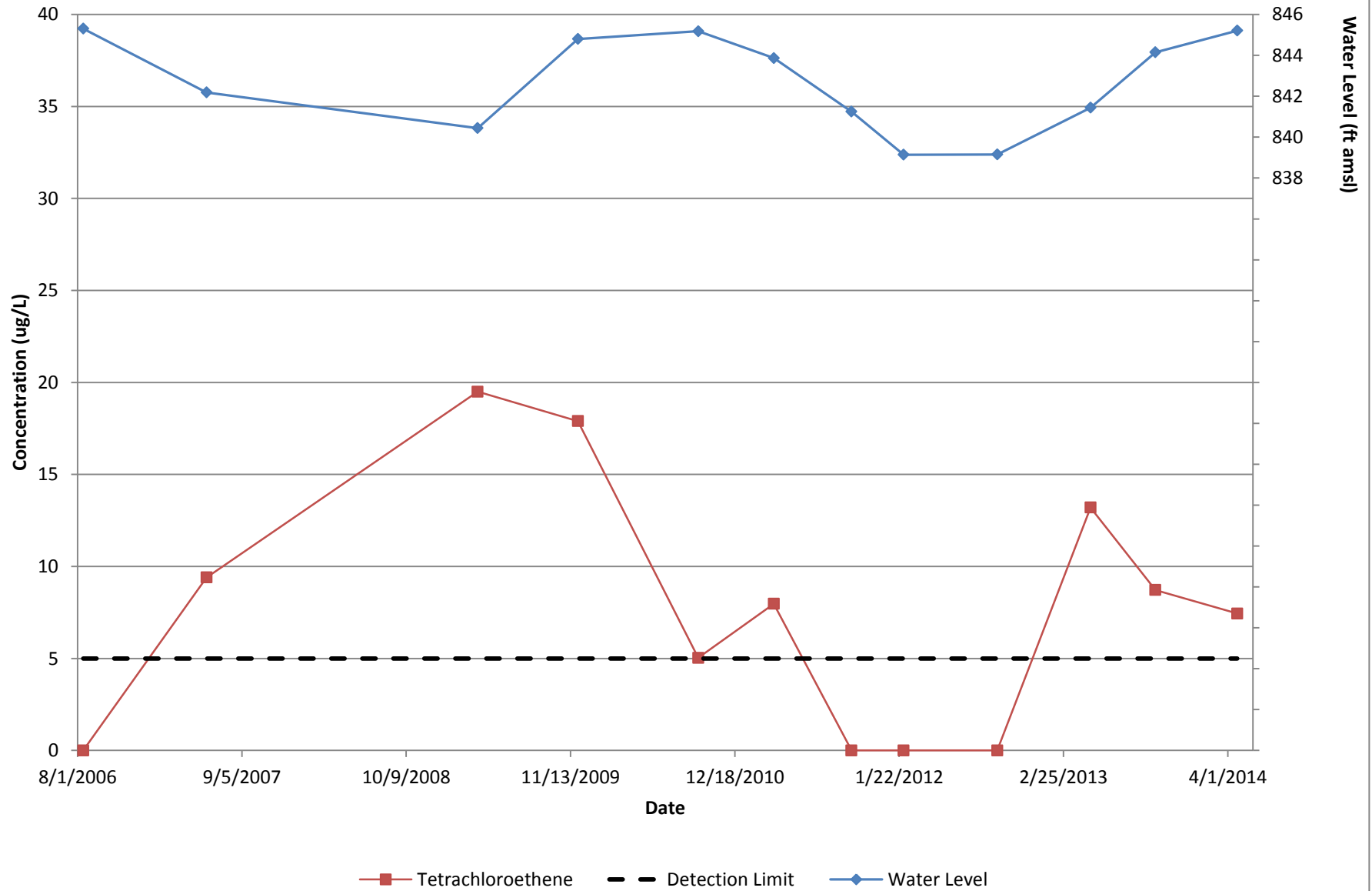
Laboratory Used GCAL QA/QC Samples: n/a
 Analysis Requested VOCs

Casing Volume Multipliers				Stabilization Criteria	
Gal./Ft.	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	pH = 0.1
	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47	Specific Conductance = 5%
					Temperature = 5%
					DO = 0.2 or 10%

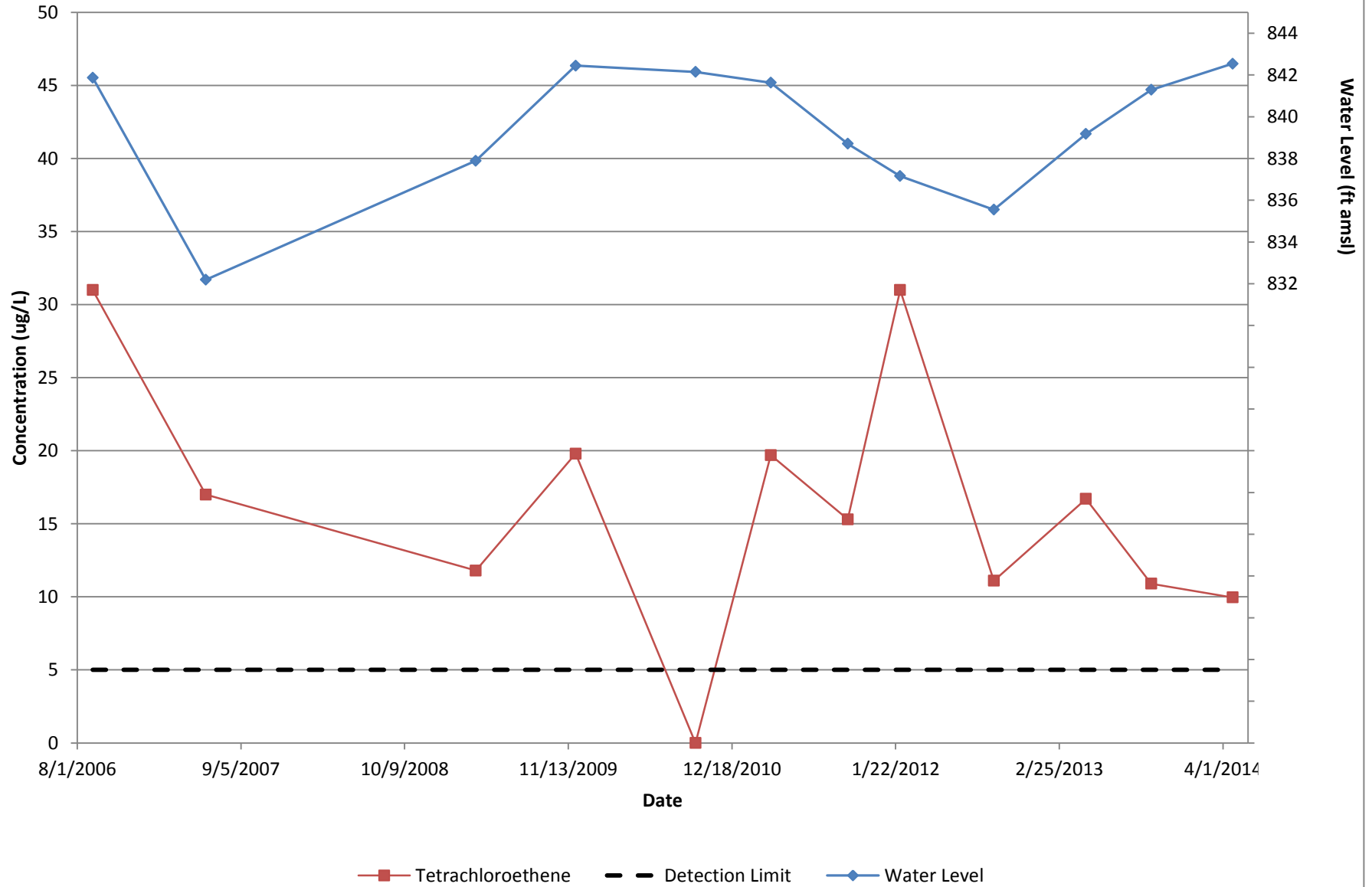
Appendix B

Groundwater Trend Charts

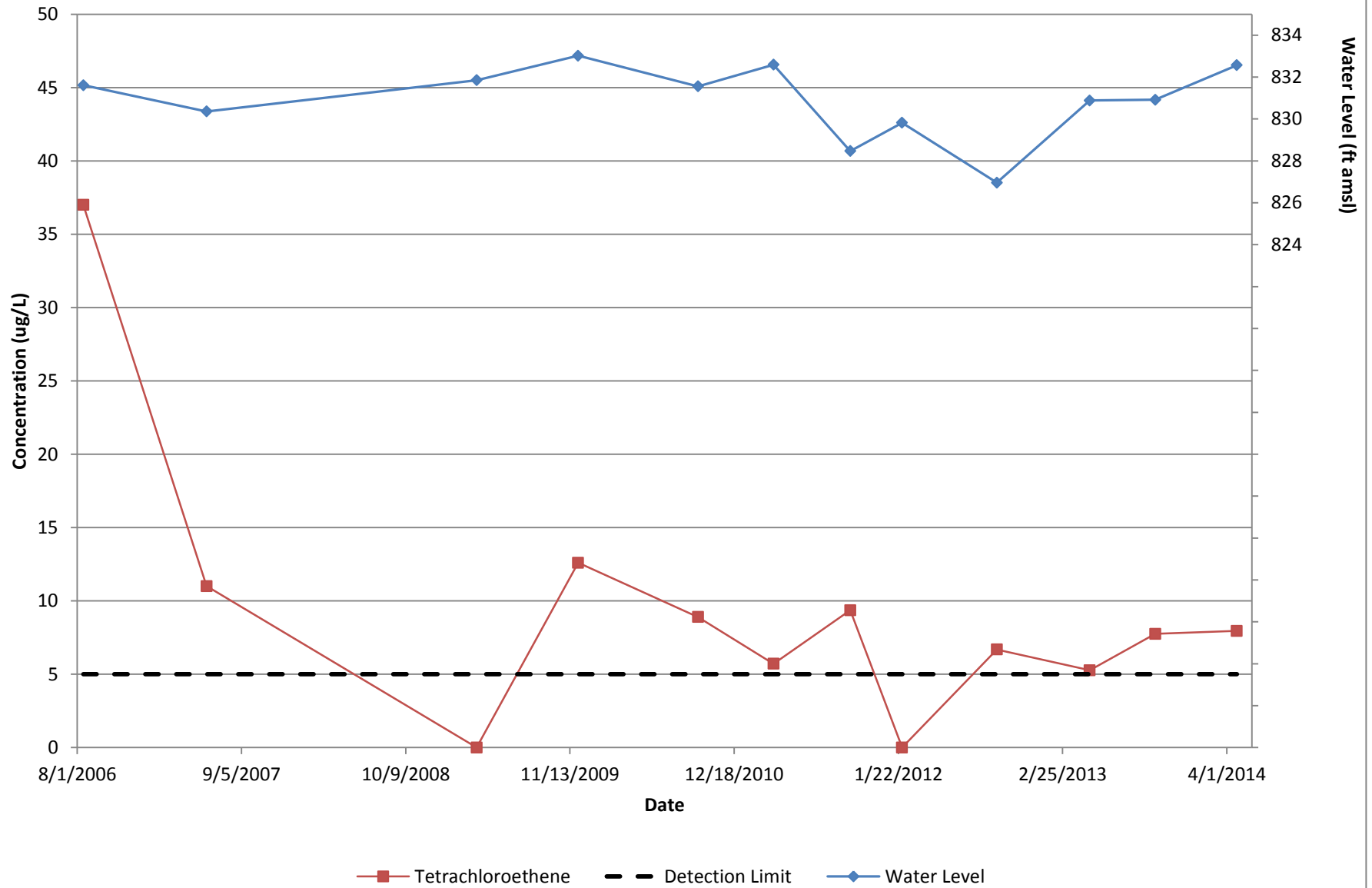
MW-06
CCHT - HSI No. 10341
Conyers, Georgia



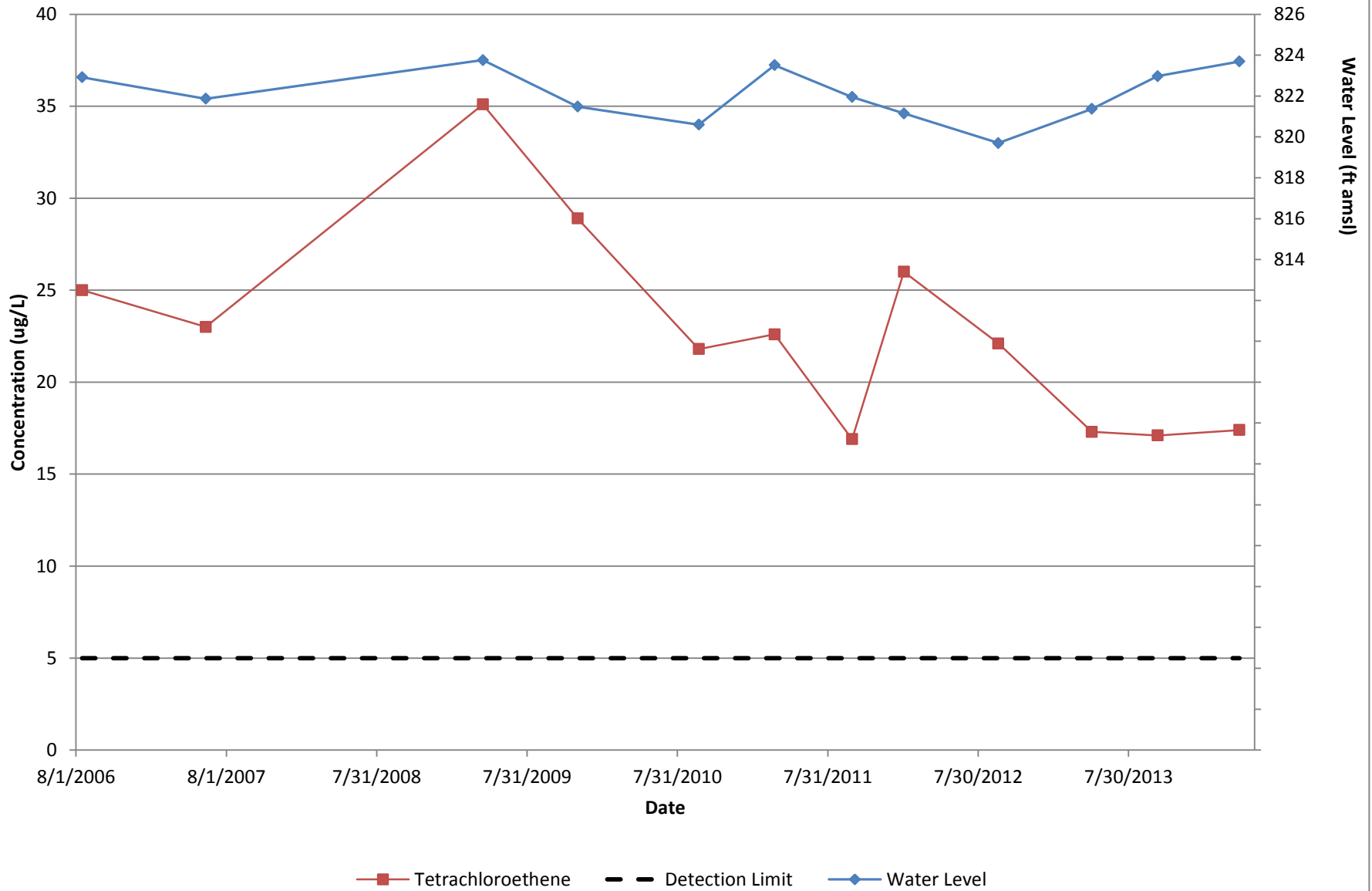
MW-08R
CCHT - HSI No. 10341
Conyers, Georgia



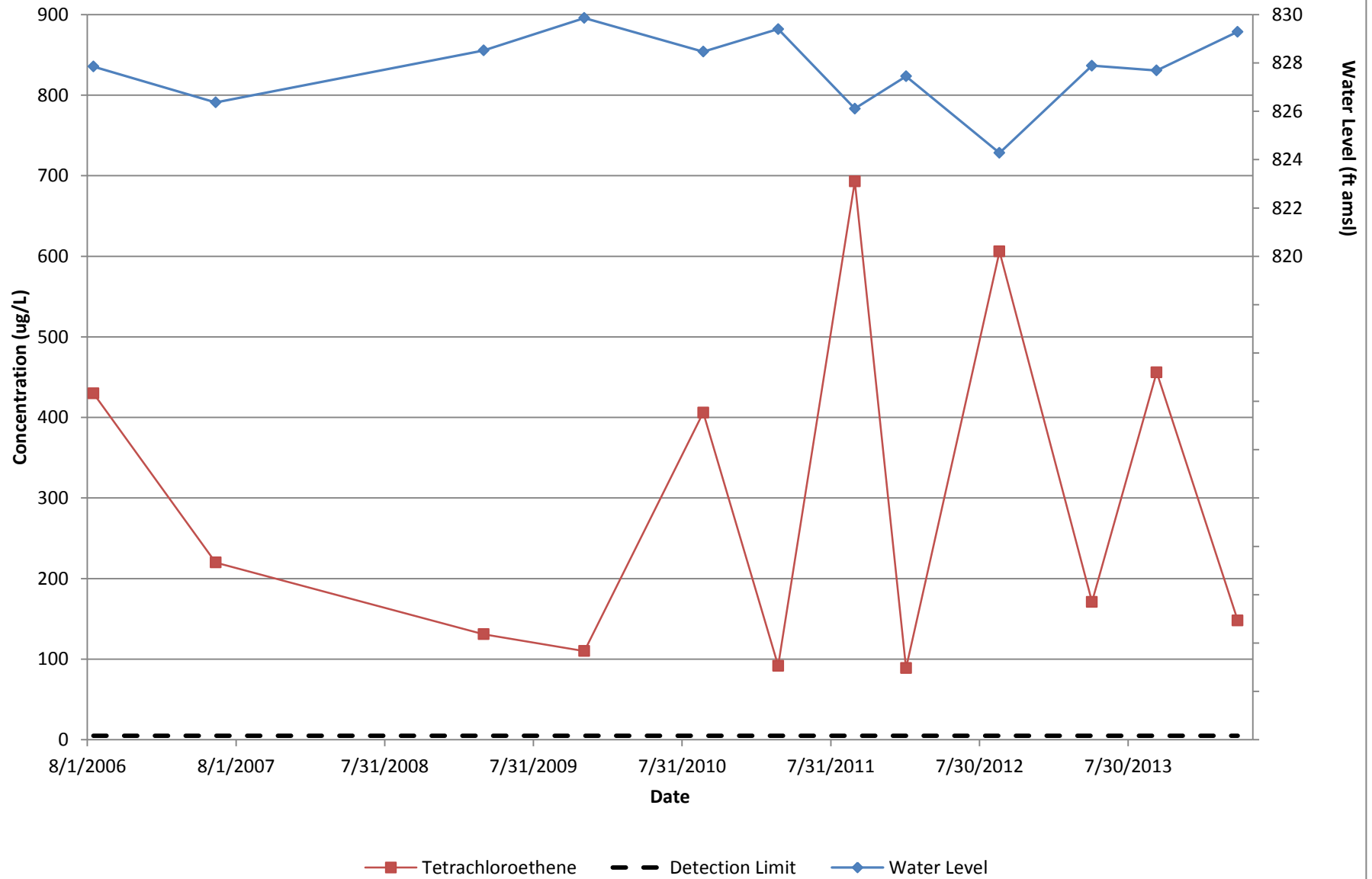
MW-12
CCHT - HSI No. 10341
Conyers, Georgia



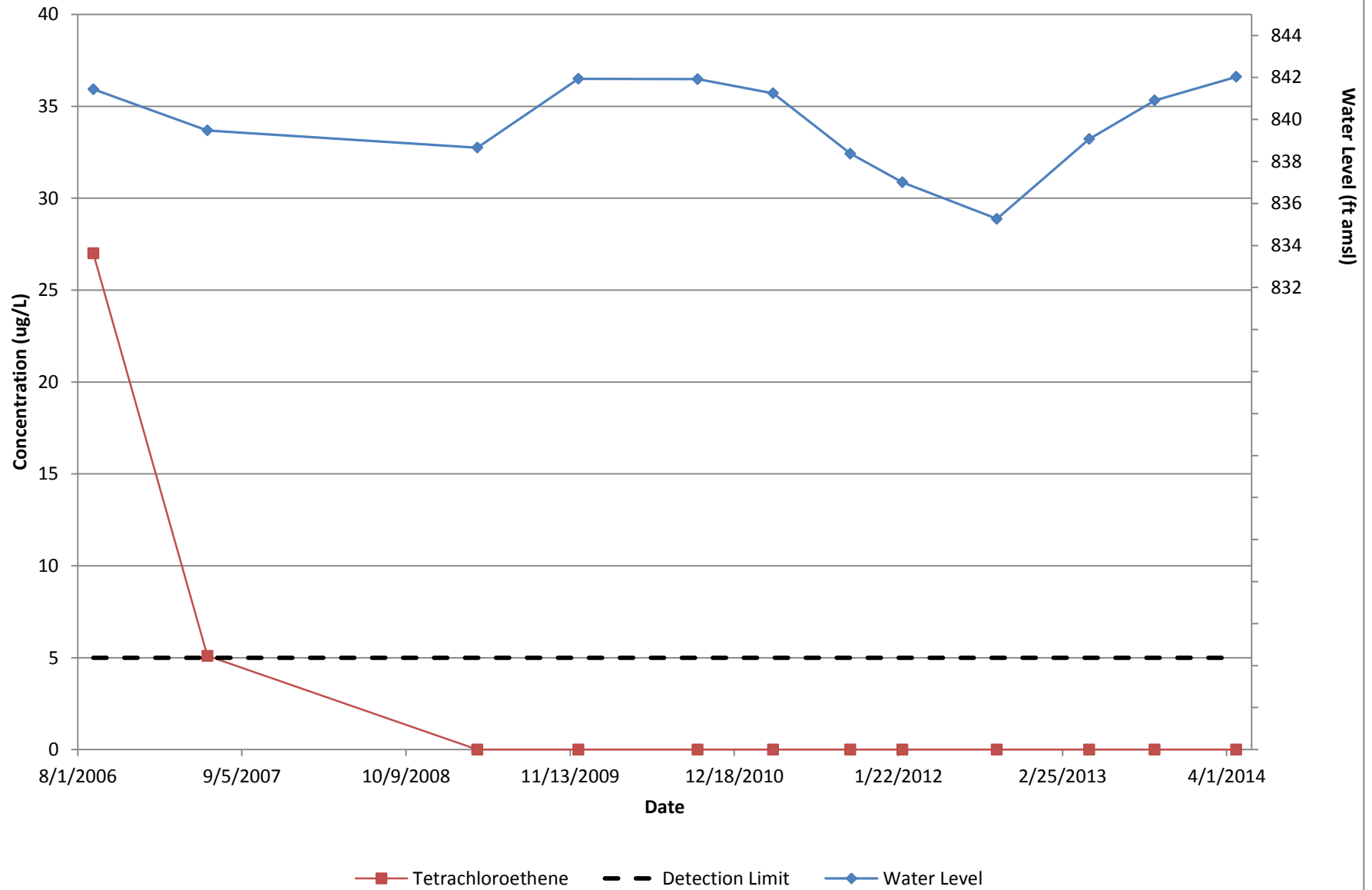
MW-14
CCHT - HSI No. 10341
Conyers, Georgia



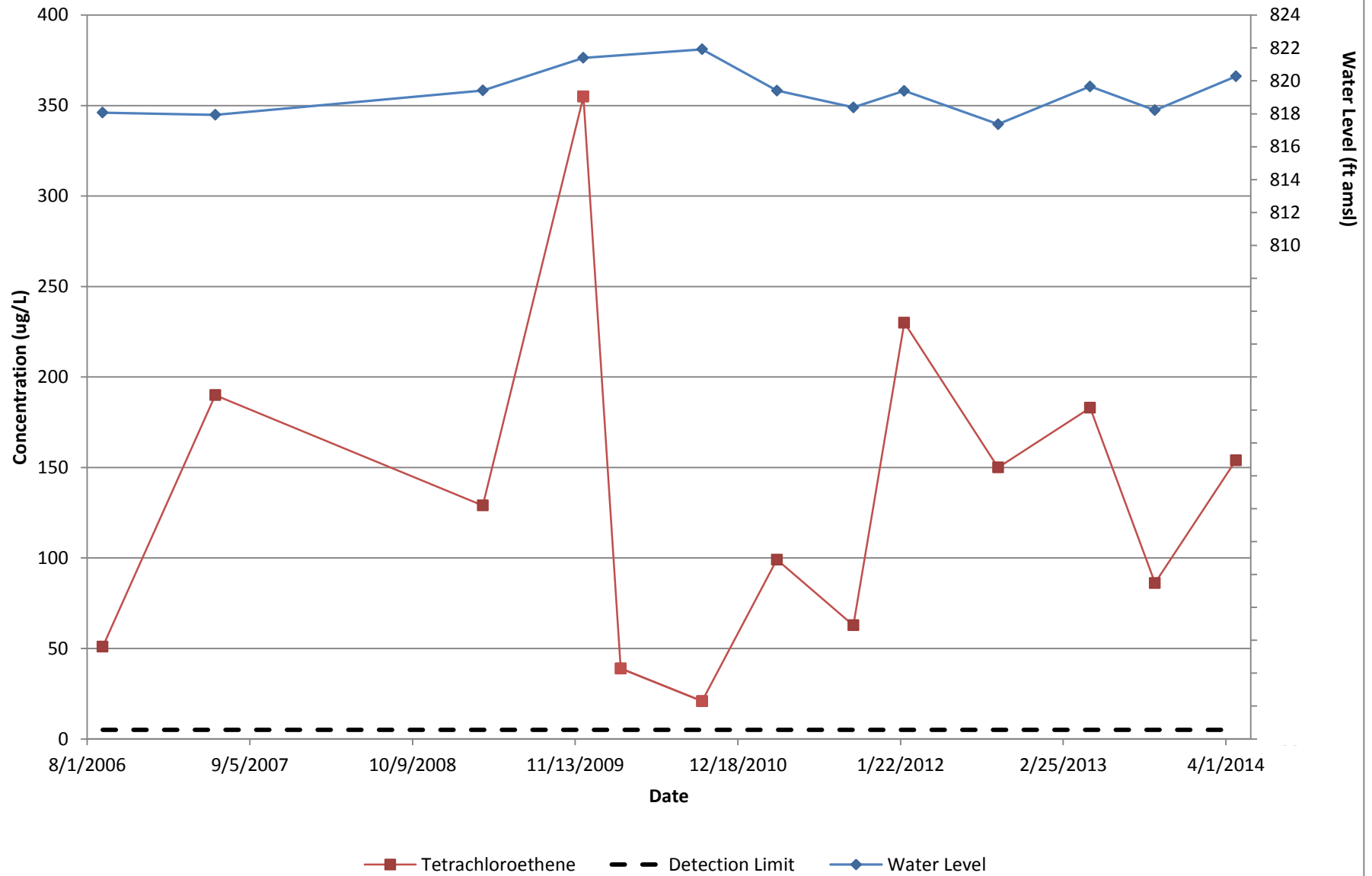
MW-15
CCHT - HSI No. 10341
Conyers, Georgia



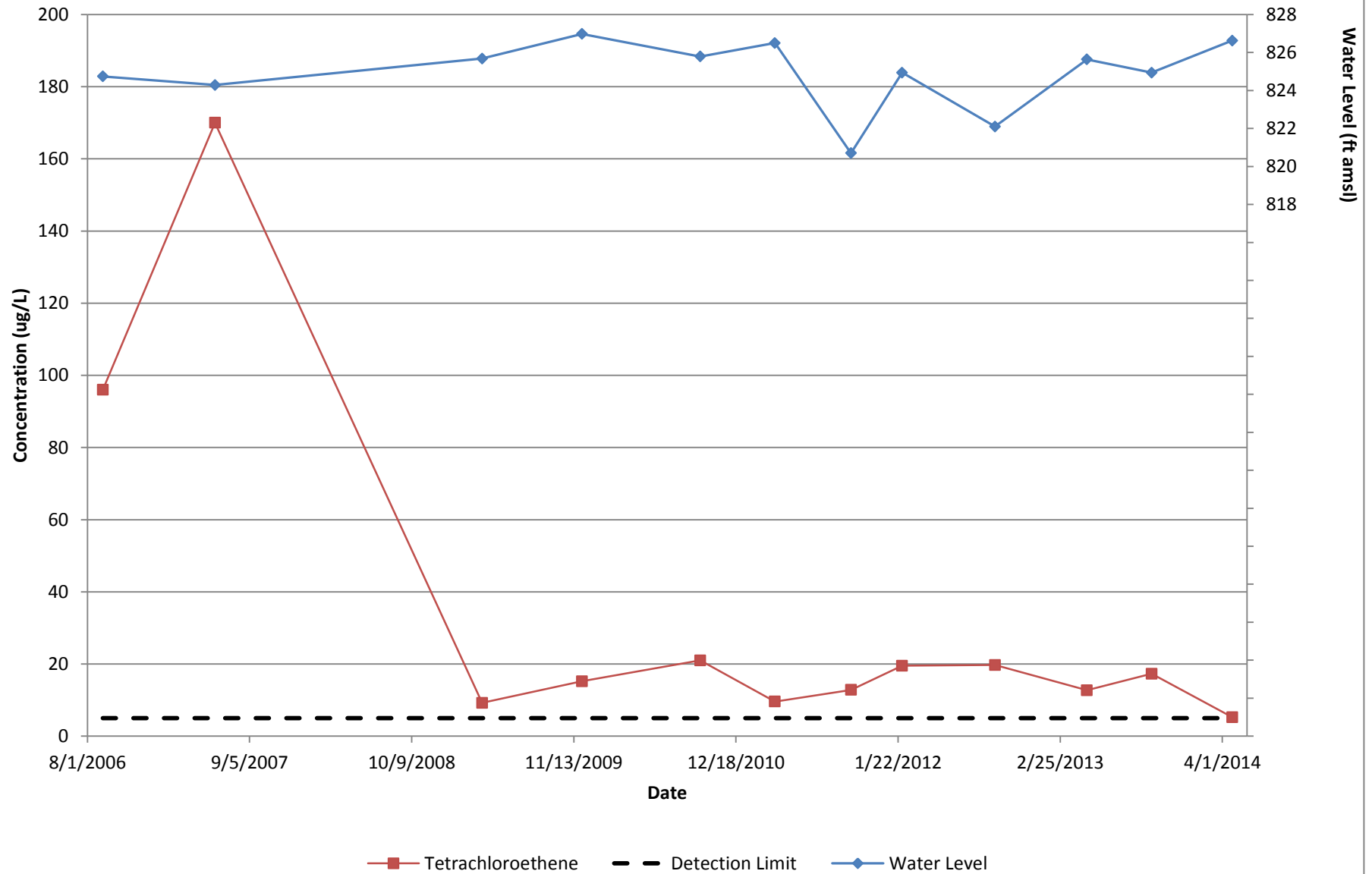
MW-18
CCHT - HSI No. 10341
Conyers, Georgia



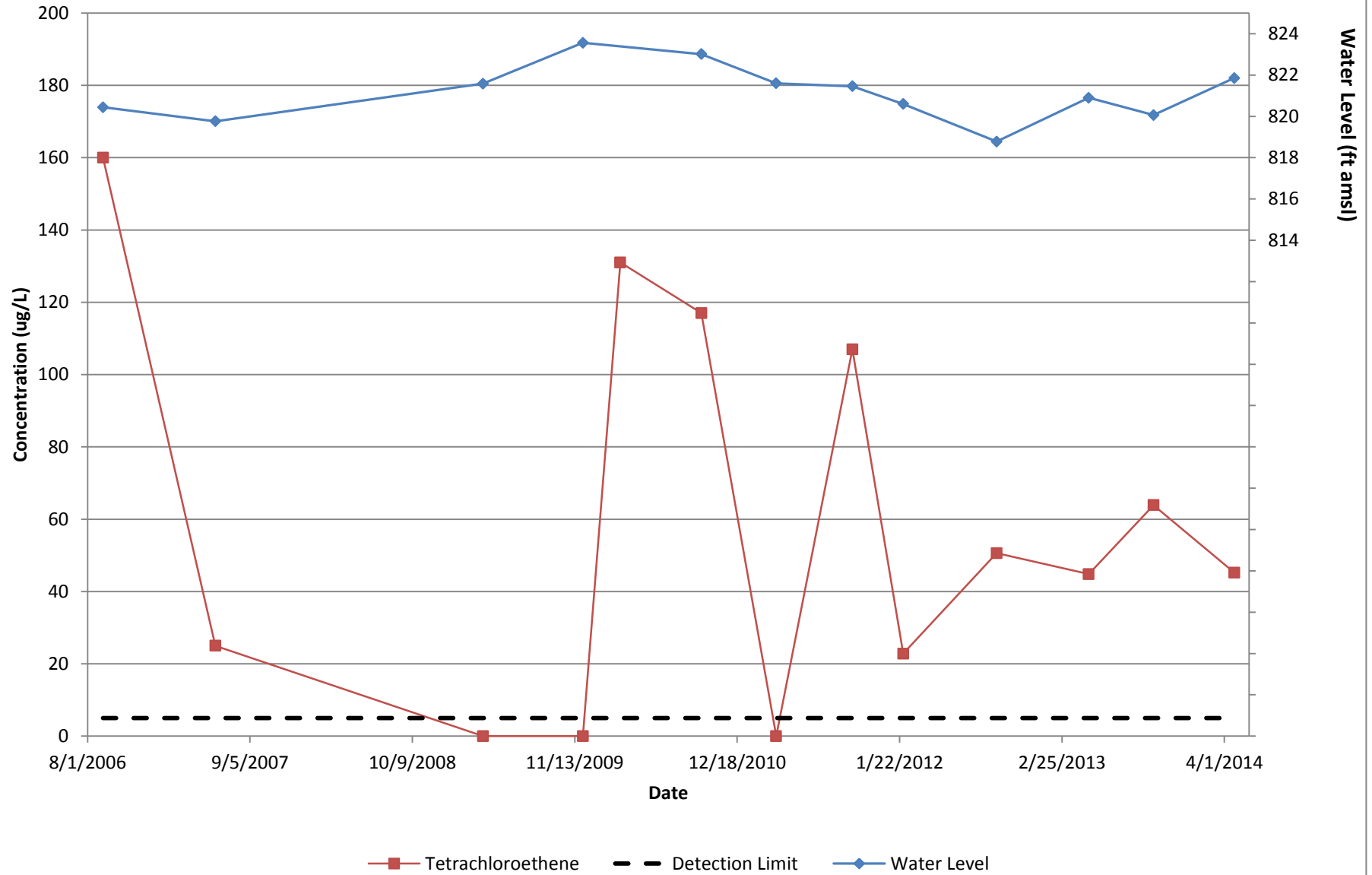
MW-19
CCHT - HSI No. 10341
Conyers, Georgia



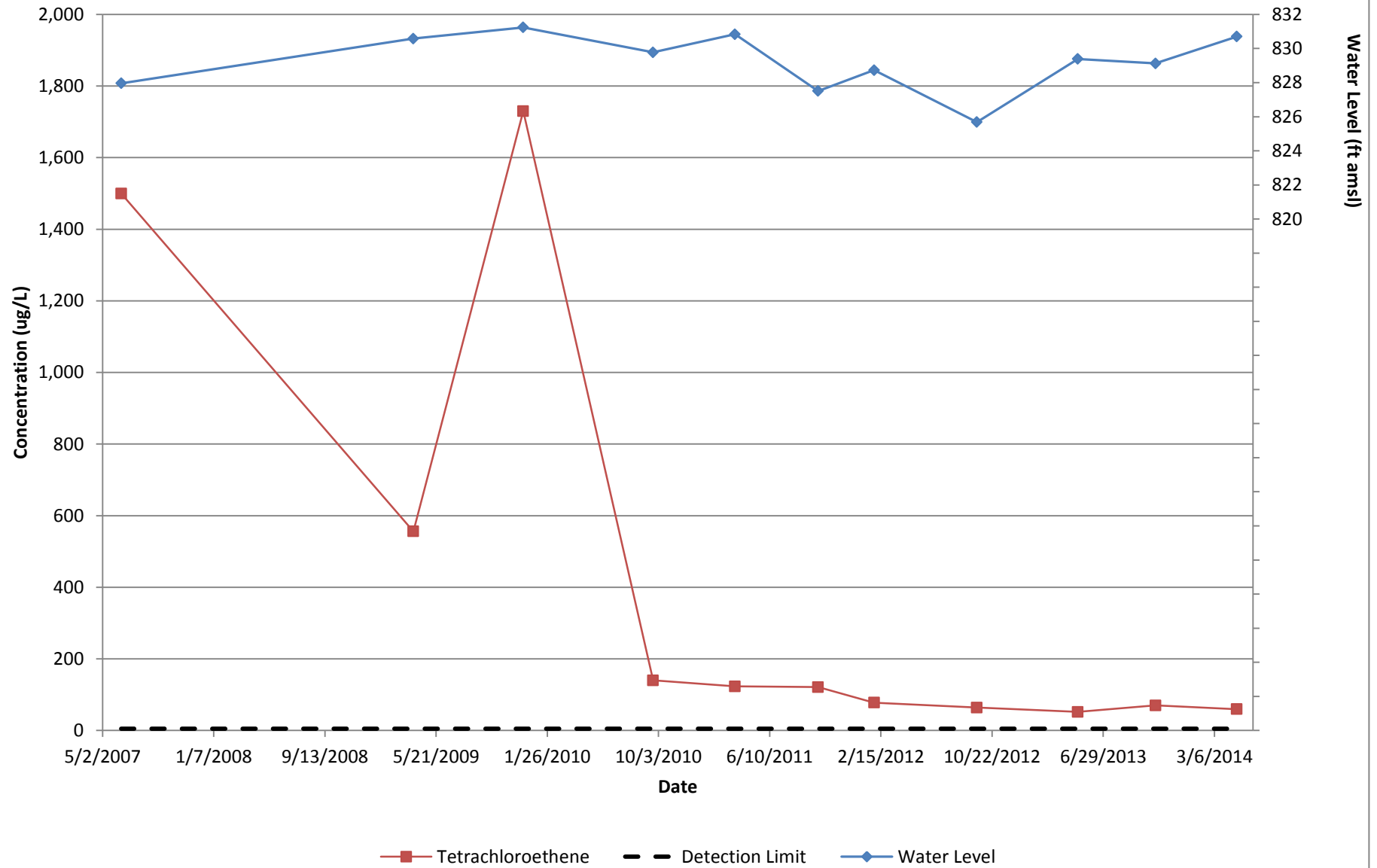
MW-20
CCHT - HSI No. 10341
Conyers, Georgia



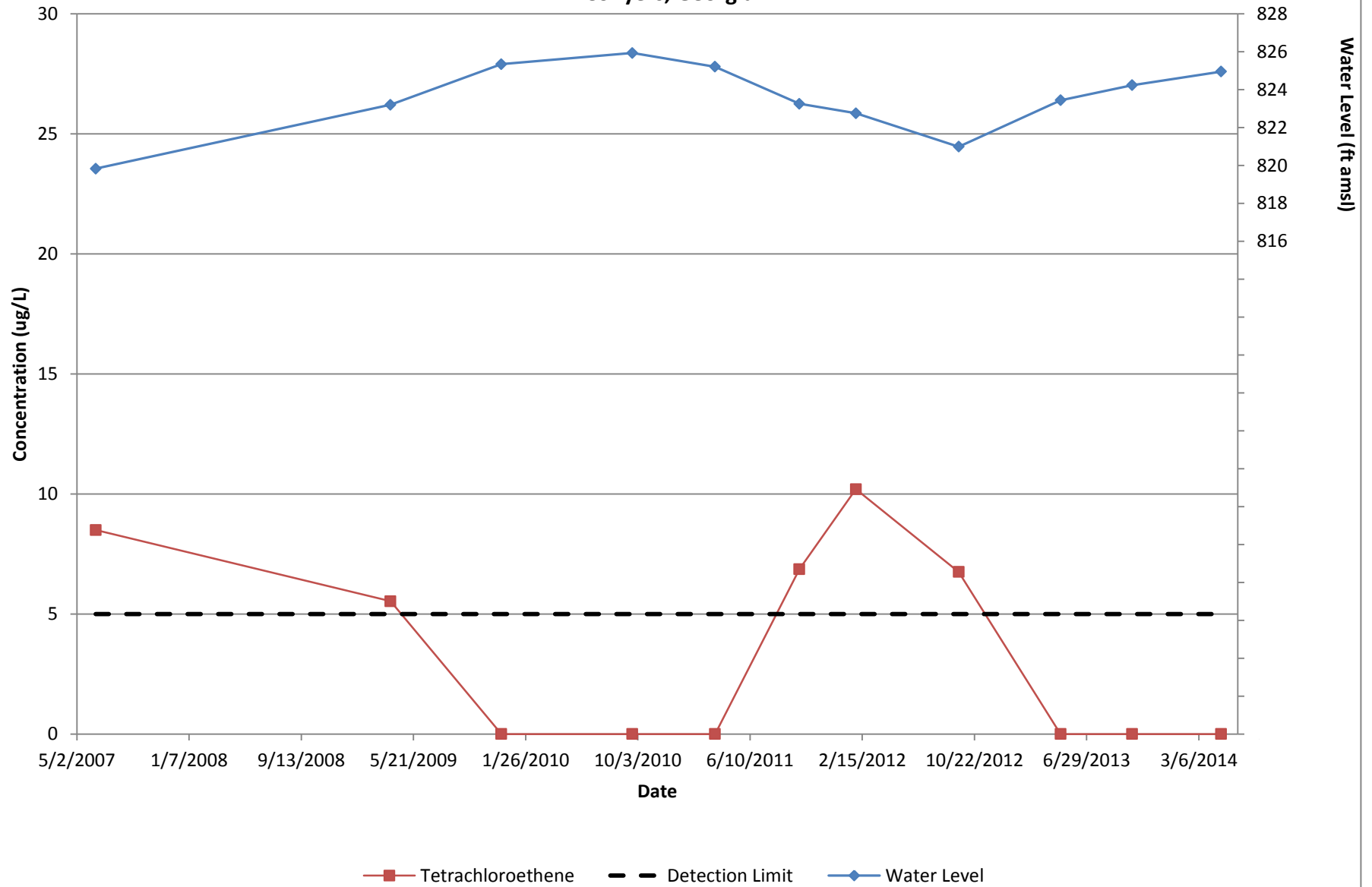
MW-21
CCHT - HSI No. 10341
Conyers, Georgia



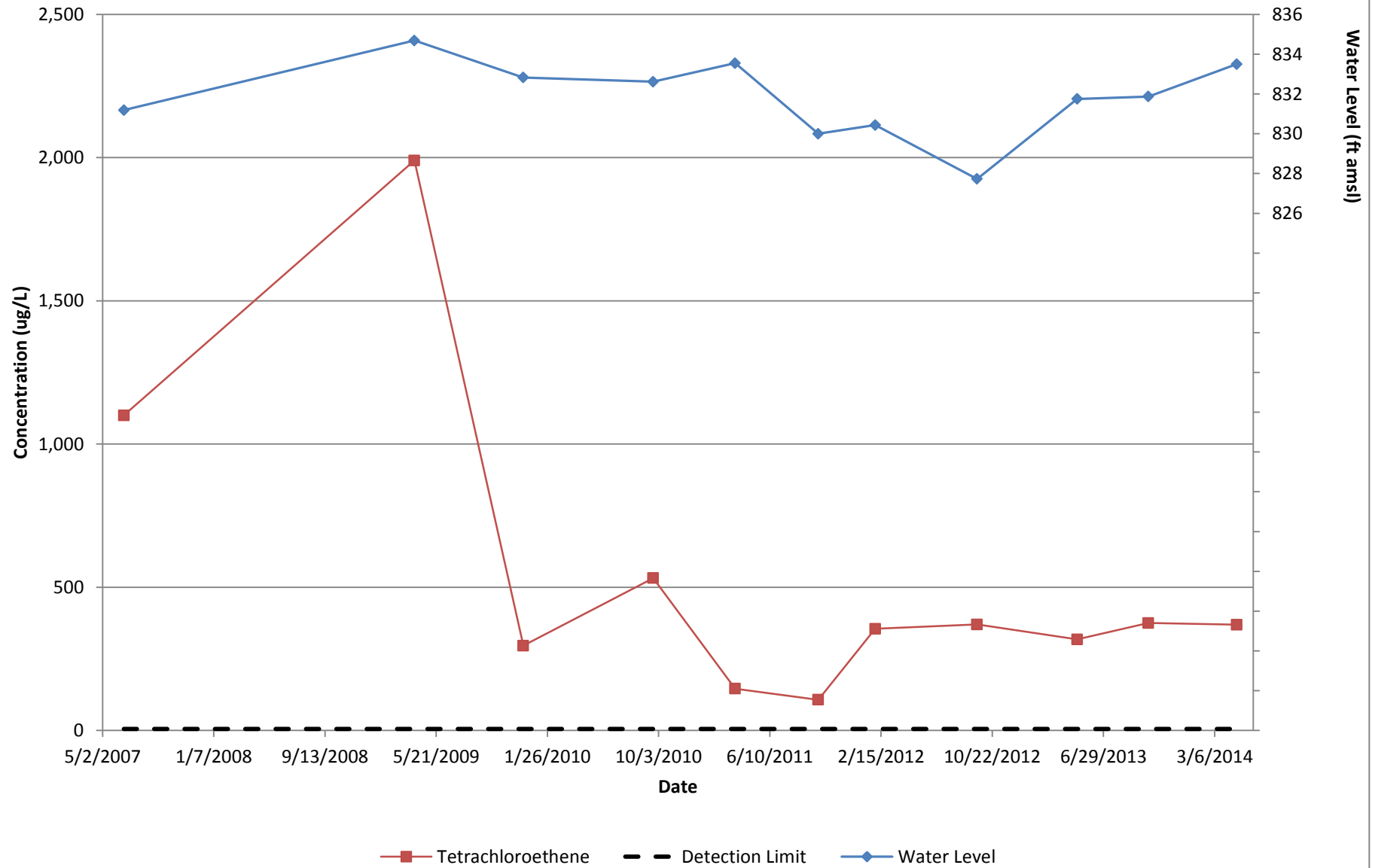
MW-23
CCHT - HSI No. 10341
Conyers, Georgia



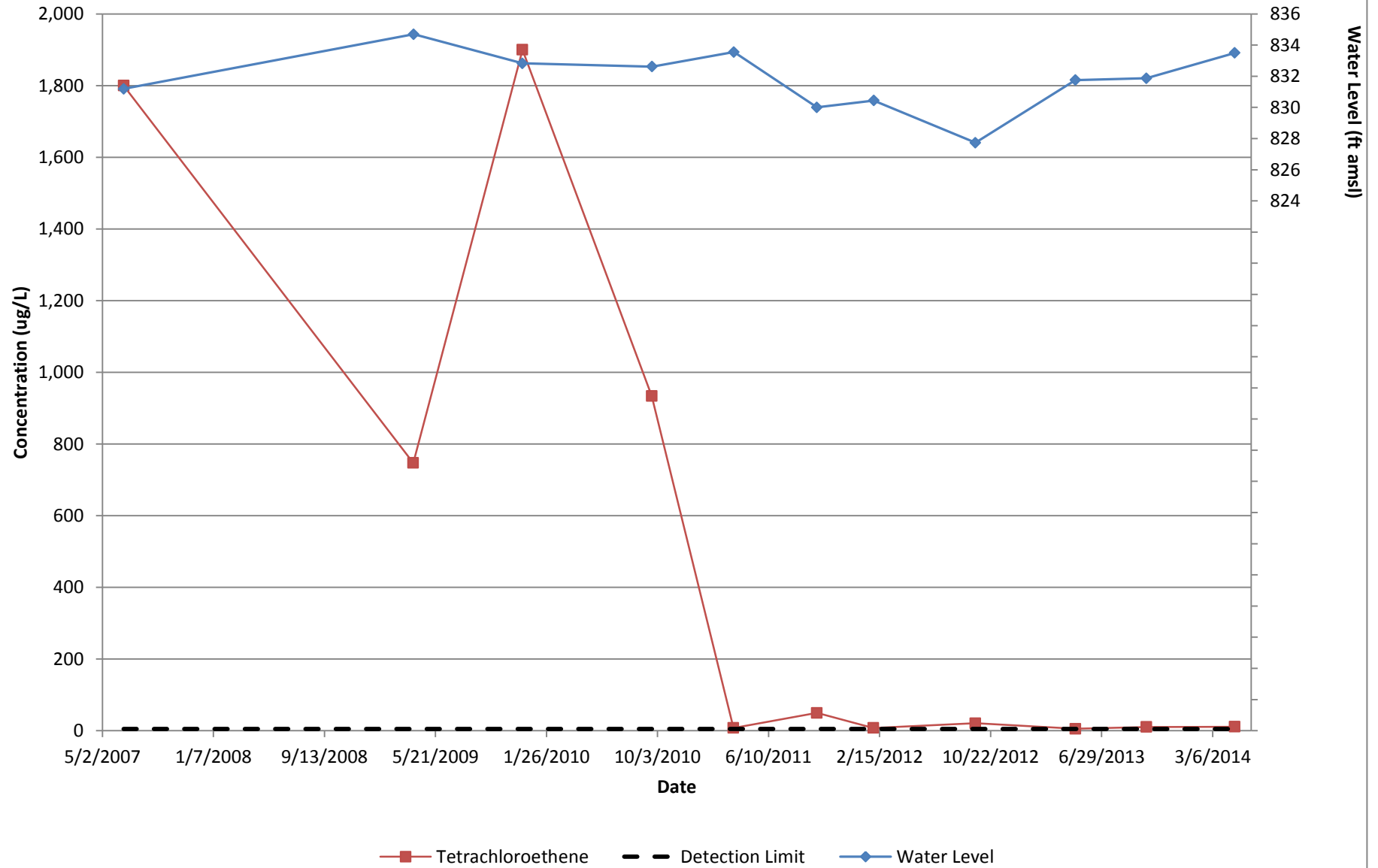
MW-24
CCHT - HSI No. 10341
Conyers, Georgia



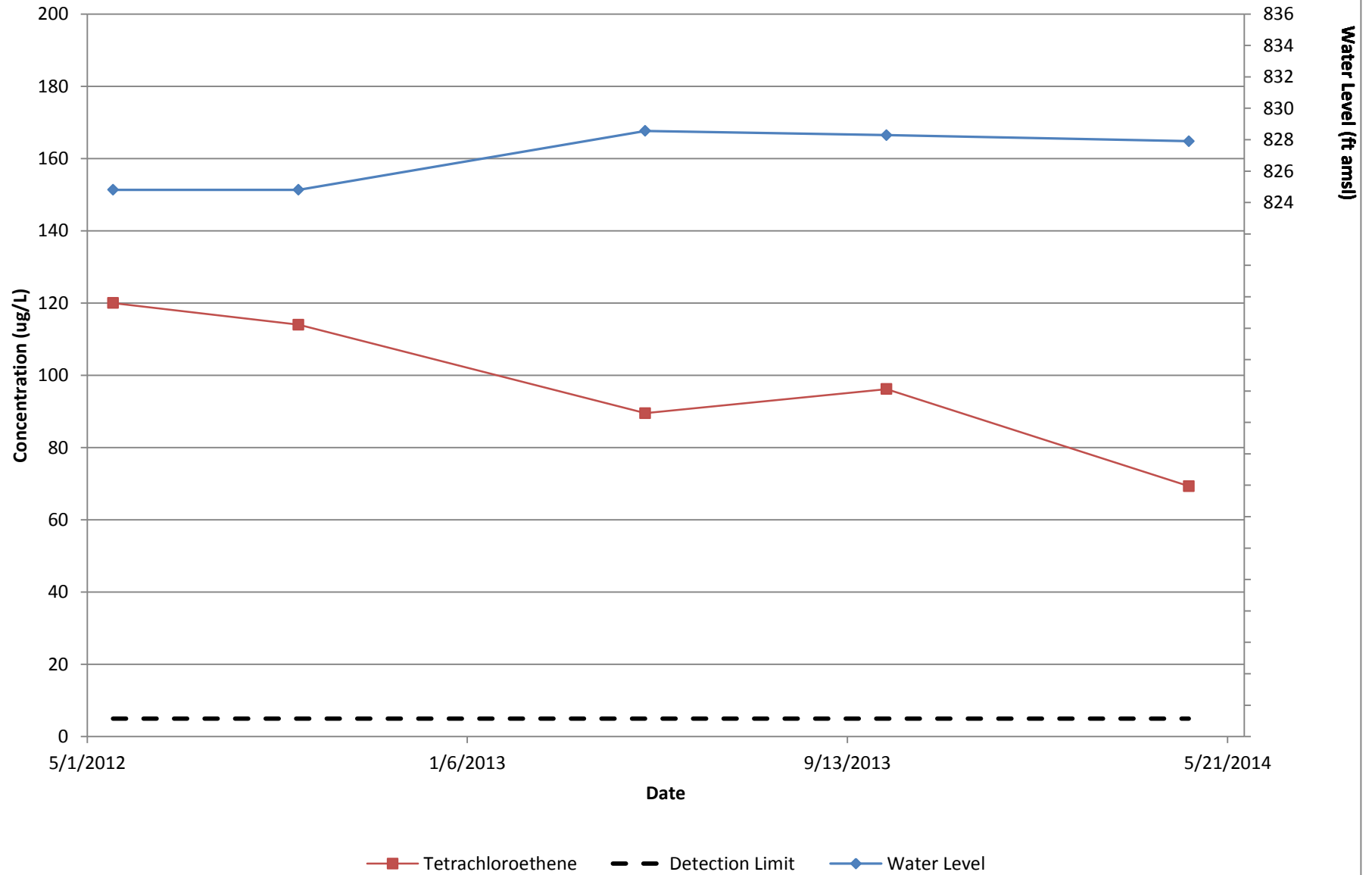
MW-25D
CCHT - HSI No. 10341
Conyers, Georgia



MW-26D
CCHT - HSI No. 10341
Conyers, Georgia



MW-27D
CCHT - HSI No. 10341
Conyers, Georgia



Appendix C

Laboratory Reports

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

**7979 GSRI Avenue
Baton Rouge, LA 70820**

Report Date 10/21/2013

GCAL Report 213101035



Deliver To ENVIRON
1600 Parkwood Circle
Suite 310
Atlanta, GA 30339
678-388-1663

Attn Ryan Slakman

Project CCHT

CASE NARRATIVE

Client: ENVIRON International Corp **Report:** 213101035

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis, samples 21310103515 (MW-25D 20131008), 21310103516 (DUP-01 20131008), 21310103509 (MW-15 20131008) and 21310103517 (DUP-02 20131008) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilution is reflected in elevated detection limits.

MISCELLANEOUS

For Sample 21310103518 (TRIP BLANK 20131008), a date, time of collection or sample ID discrepancy between a container label and the chain of custody was noted at receipt.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Authorized Signature

GCAL REPORT 213101035

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103501	MW-08R 20131007	Water	10/07/2013 15:45	10/10/2013 10:15
21310103502	MW-06 20131007	Water	10/07/2013 15:50	10/10/2013 10:15
21310103503	MW-26D 20131007	Water	10/07/2013 17:00	10/10/2013 10:15
21310103504	MW-18 20131007	Water	10/07/2013 17:52	10/10/2013 10:15
21310103505	MW-13 20131007	Water	10/07/2013 18:15	10/10/2013 10:15
21310103506	MW-19 20131008	Water	10/08/2013 10:25	10/10/2013 10:15
21310103507	MW-24 20131008	Water	10/08/2013 10:40	10/10/2013 10:15
21310103508	MW-21 20131008	Water	10/08/2013 11:30	10/10/2013 10:15
21310103509	MW-15 20131008	Water	10/08/2013 11:30	10/10/2013 10:15
21310103510	MW-20 20131008	Water	10/08/2013 12:45	10/10/2013 10:15
21310103512	MW-12 20131008	Water	10/08/2013 15:15	10/10/2013 10:15
21310103513	MW-14 20131008	Water	10/08/2013 15:23	10/10/2013 10:15
21310103514	MW-27D 20131008	Water	10/08/2013 16:30	10/10/2013 10:15
21310103515	MW-25D 20131008	Water	10/08/2013 16:50	10/10/2013 10:15
21310103516	DUP-01 20131008	Water	10/08/2013 00:00	10/10/2013 10:15
21310103517	DUP-02 20131008	Water	10/08/2013 00:00	10/10/2013 10:15
21310103518	TRIP BLANK 20131008	Water	10/07/2013 00:00	10/10/2013 10:15

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103501	MW-08R 20131007	Water	10/07/2013 15:45	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	10.9	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103502	MW-06 20131007	Water	10/07/2013 15:50	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	8.72	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103503	MW-26D 20131007	Water	10/07/2013 17:00	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	10.4	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103505	MW-13 20131007	Water	10/07/2013 18:15	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	11.6	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103506	MW-19 20131008	Water	10/08/2013 10:25	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	86.2	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103508	MW-21 20131008	Water	10/08/2013 11:30	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	17.0	10.0		ug/L
127-18-4	Tetrachloroethene	63.9	5.00		ug/L
79-01-6	Trichloroethene	11.2	5.00		ug/L
156-59-2	cis-1,2-Dichloroethene	17.0	5.00		ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103509	MW-15 20131008	Water	10/08/2013 11:30	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	353	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103510	MW-20 20131008	Water	10/08/2013 12:45	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.3	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103512	MW-12 20131008	Water	10/08/2013 15:15	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7.75	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103513	MW-14 20131008	Water	10/08/2013 15:23	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.1	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103514	MW-27D 20131008	Water	10/08/2013 16:30	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-66-3	Chloroform	5.13	5.00		ug/L
127-18-4	Tetrachloroethene	96.2	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103515	MW-25D 20131008	Water	10/08/2013 16:50	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	317	10.0		ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103516	DUP-01 20131008	Water	10/08/2013 00:00	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	456	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103517	DUP-02 20131008	Water	10/08/2013 00:00	10/10/2013 10:15

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	375	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103501	MW-08R 20131007	Water	10/07/2013 15:45	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 13:28	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103501	MW-08R 20131007	Water	10/07/2013 15:45	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 13:28	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	10.9	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	51	ug/L	102	77 - 127
2037-26-5	Toluene d8	50	52.8	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103502	MW-06 20131007	Water	10/07/2013 15:50	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 13:48	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103502	MW-06 20131007	Water	10/07/2013 15:50	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 13:48	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	8.72	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.3	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	50.6	ug/L	101	77 - 127
2037-26-5	Toluene d8	50	51.7	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51	ug/L	102	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103503	MW-26D 20131007	Water	10/07/2013 17:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 14:10	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103503	MW-26D 20131007	Water	10/07/2013 17:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 14:10	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	10.4	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	51.6	ug/L	103	77 - 127
2037-26-5	Toluene d8	50	51	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.2	ug/L	102	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103504	MW-18 20131007	Water	10/07/2013 17:52	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 14:30	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103504	MW-18 20131007	Water	10/07/2013 17:52	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 14:30	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.8	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	51.1	ug/L	102	77 - 127
2037-26-5	Toluene d8	50	51.5	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.2	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103505	MW-13 20131007	Water	10/07/2013 18:15	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 14:49	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103505	MW-13 20131007	Water	10/07/2013 18:15	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 14:49	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	11.6	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	50.1	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	51.9	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.6	ug/L	99	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103506	MW-19 20131008	Water	10/08/2013 10:25	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 15:09	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103506	MW-19 20131008	Water	10/08/2013 10:25	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 15:09	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	86.2	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.7	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	51.4	ug/L	103	77 - 127
2037-26-5	Toluene d8	50	52	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.4	ug/L	103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103507	MW-24 20131008	Water	10/08/2013 10:40	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 15:30	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103507	MW-24 20131008	Water	10/08/2013 10:40	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 15:30	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.4	ug/L	95	78 - 130
1868-53-7	Dibromofluoromethane	50	50.3	ug/L	101	77 - 127
2037-26-5	Toluene d8	50	52.4	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.6	ug/L	103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103508	MW-21 20131008	Water	10/08/2013 11:30	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 15:51	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	17.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103508	MW-21 20131008	Water	10/08/2013 11:30	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 15:51	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	63.9	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	11.2	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	17.0	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	52	ug/L	104	77 - 127
2037-26-5	Toluene d8	50	50.5	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.3	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103509	MW-15 20131008	Water	10/08/2013 11:30	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	10/20/2013 00:24	JCK	518127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<25.0	25.0		ug/L
71-55-6	1,1,1-Trichloroethane	<25.0	25.0		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<25.0	25.0		ug/L
79-00-5	1,1,2-Trichloroethane	<25.0	25.0		ug/L
75-34-3	1,1-Dichloroethane	<25.0	25.0		ug/L
75-35-4	1,1-Dichloroethene	<25.0	25.0		ug/L
563-58-6	1,1-Dichloropropene	<25.0	25.0		ug/L
96-18-4	1,2,3-Trichloropropane	<25.0	25.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	<25.0	25.0		ug/L
95-63-6	1,2,4-Trimethylbenzene	<25.0	25.0		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<25.0	25.0		ug/L
106-93-4	1,2-Dibromoethane	<25.0	25.0		ug/L
95-50-1	1,2-Dichlorobenzene	<25.0	25.0		ug/L
107-06-2	1,2-Dichloroethane	<25.0	25.0		ug/L
540-59-0	1,2-Dichloroethene(Total)	<50.0	50.0		ug/L
78-87-5	1,2-Dichloropropane	<25.0	25.0		ug/L
108-67-8	1,3,5-Trimethylbenzene	<25.0	25.0		ug/L
541-73-1	1,3-Dichlorobenzene	<25.0	25.0		ug/L
142-28-9	1,3-Dichloropropane	<25.0	25.0		ug/L
106-46-7	1,4-Dichlorobenzene	<25.0	25.0		ug/L
594-20-7	2,2-Dichloropropane	<25.0	25.0		ug/L
78-93-3	2-Butanone	<25.0	25.0		ug/L
95-49-8	2-Chlorotoluene	<25.0	25.0		ug/L
591-78-6	2-Hexanone	<25.0	25.0		ug/L
106-43-4	4-Chlorotoluene	<25.0	25.0		ug/L
99-87-6	4-Isopropyltoluene	<25.0	25.0		ug/L
108-10-1	4-Methyl-2-pentanone	<25.0	25.0		ug/L
67-64-1	Acetone	<25.0	25.0		ug/L
71-43-2	Benzene	<25.0	25.0		ug/L
108-86-1	Bromobenzene	<25.0	25.0		ug/L
74-97-5	Bromochloromethane	<25.0	25.0		ug/L
75-27-4	Bromodichloromethane	<25.0	25.0		ug/L
75-25-2	Bromoform	<25.0	25.0		ug/L
74-83-9	Bromomethane	<25.0	25.0		ug/L
75-15-0	Carbon disulfide	<25.0	25.0		ug/L
56-23-5	Carbon tetrachloride	<25.0	25.0		ug/L
108-90-7	Chlorobenzene	<25.0	25.0		ug/L
75-00-3	Chloroethane	<25.0	25.0		ug/L
67-66-3	Chloroform	<25.0	25.0		ug/L
74-87-3	Chloromethane	<25.0	25.0		ug/L
124-48-1	Dibromochloromethane	<25.0	25.0		ug/L
74-95-3	Dibromomethane	<25.0	25.0		ug/L
75-71-8	Dichlorodifluoromethane	<25.0	25.0		ug/L
100-41-4	Ethylbenzene	<25.0	25.0		ug/L
87-68-3	Hexachlorobutadiene	<25.0	25.0		ug/L
98-82-8	Isopropylbenzene (Cumene)	<25.0	25.0		ug/L
74-88-4	Methyl iodide	<25.0	25.0		ug/L
75-09-2	Methylene chloride	<25.0	25.0		ug/L
91-20-3	Naphthalene	<25.0	25.0		ug/L
100-42-5	Styrene	<25.0	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103509	MW-15 20131008	Water	10/08/2013 11:30	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	10/20/2013 00:24	JCK	518127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	353	25.0		ug/L
108-88-3	Toluene	<25.0	25.0		ug/L
79-01-6	Trichloroethene	<25.0	25.0		ug/L
75-69-4	Trichlorofluoromethane	<25.0	25.0		ug/L
76-13-1	Trichlorotrifluoroethane	<25.0	25.0		ug/L
108-05-4	Vinyl acetate	<25.0	25.0		ug/L
75-01-4	Vinyl chloride	<25.0	25.0		ug/L
1330-20-7	Xylene (total)	<75.0	75.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-01-5	cis-1,3-Dichloropropene	<25.0	25.0		ug/L
136777-61-2	m,p-Xylene	<50.0	50.0		ug/L
104-51-8	n-Butylbenzene	<25.0	25.0		ug/L
103-65-1	n-Propylbenzene	<25.0	25.0		ug/L
95-47-6	o-Xylene	<25.0	25.0		ug/L
135-98-8	sec-Butylbenzene	<25.0	25.0		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<25.0	25.0		ug/L
98-06-6	tert-Butylbenzene	<25.0	25.0		ug/L
156-60-5	trans-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-02-6	trans-1,3-Dichloropropene	<25.0	25.0		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<25.0	25.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	264	ug/L	106	78 - 130
1868-53-7	Dibromofluoromethane	250	254	ug/L	102	77 - 127
2037-26-5	Toluene d8	250	262	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	239	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103510	MW-20 20131008	Water	10/08/2013 12:45	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 16:11	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103510	MW-20 20131008	Water	10/08/2013 12:45	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 16:11	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.3	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.6	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	51.7	ug/L	103	77 - 127
2037-26-5	Toluene d8	50	51	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.5	ug/L	103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103512	MW-12 20131008	Water	10/08/2013 15:15	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 16:31	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103512	MW-12 20131008	Water	10/08/2013 15:15	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 16:31	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7.75	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.3	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	51.7	ug/L	103	77 - 127
2037-26-5	Toluene d8	50	53.1	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.8	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103513	MW-14 20131008	Water	10/08/2013 15:23	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 16:51	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103513	MW-14 20131008	Water	10/08/2013 15:23	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 16:51	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.1	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	52.7	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	51.7	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	53	ug/L	106	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103514	MW-27D 20131008	Water	10/08/2013 16:30	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 17:11	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	5.13	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103514	MW-27D 20131008	Water	10/08/2013 16:30	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 17:11	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	96.2	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.2	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	52.2	ug/L	104	77 - 127
2037-26-5	Toluene d8	50	51.5	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.6	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103515	MW-25D 20131008	Water	10/08/2013 16:50	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	10/17/2013 20:02	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<10.0	10.0		ug/L
71-55-6	1,1,1-Trichloroethane	<10.0	10.0		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<10.0	10.0		ug/L
79-00-5	1,1,2-Trichloroethane	<10.0	10.0		ug/L
75-34-3	1,1-Dichloroethane	<10.0	10.0		ug/L
75-35-4	1,1-Dichloroethene	<10.0	10.0		ug/L
563-58-6	1,1-Dichloropropene	<10.0	10.0		ug/L
96-18-4	1,2,3-Trichloropropane	<10.0	10.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	<10.0	10.0		ug/L
95-63-6	1,2,4-Trimethylbenzene	<10.0	10.0		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<10.0	10.0		ug/L
106-93-4	1,2-Dibromoethane	<10.0	10.0		ug/L
95-50-1	1,2-Dichlorobenzene	<10.0	10.0		ug/L
107-06-2	1,2-Dichloroethane	<10.0	10.0		ug/L
540-59-0	1,2-Dichloroethene(Total)	<20.0	20.0		ug/L
78-87-5	1,2-Dichloropropane	<10.0	10.0		ug/L
108-67-8	1,3,5-Trimethylbenzene	<10.0	10.0		ug/L
541-73-1	1,3-Dichlorobenzene	<10.0	10.0		ug/L
142-28-9	1,3-Dichloropropane	<10.0	10.0		ug/L
106-46-7	1,4-Dichlorobenzene	<10.0	10.0		ug/L
594-20-7	2,2-Dichloropropane	<10.0	10.0		ug/L
78-93-3	2-Butanone	<10.0	10.0		ug/L
95-49-8	2-Chlorotoluene	<10.0	10.0		ug/L
591-78-6	2-Hexanone	<10.0	10.0		ug/L
106-43-4	4-Chlorotoluene	<10.0	10.0		ug/L
99-87-6	4-Isopropyltoluene	<10.0	10.0		ug/L
108-10-1	4-Methyl-2-pentanone	<10.0	10.0		ug/L
67-64-1	Acetone	<10.0	10.0		ug/L
71-43-2	Benzene	<10.0	10.0		ug/L
108-86-1	Bromobenzene	<10.0	10.0		ug/L
74-97-5	Bromochloromethane	<10.0	10.0		ug/L
75-27-4	Bromodichloromethane	<10.0	10.0		ug/L
75-25-2	Bromoform	<10.0	10.0		ug/L
74-83-9	Bromomethane	<10.0	10.0		ug/L
75-15-0	Carbon disulfide	<10.0	10.0		ug/L
56-23-5	Carbon tetrachloride	<10.0	10.0		ug/L
108-90-7	Chlorobenzene	<10.0	10.0		ug/L
75-00-3	Chloroethane	<10.0	10.0		ug/L
67-66-3	Chloroform	<10.0	10.0		ug/L
74-87-3	Chloromethane	<10.0	10.0		ug/L
124-48-1	Dibromochloromethane	<10.0	10.0		ug/L
74-95-3	Dibromomethane	<10.0	10.0		ug/L
75-71-8	Dichlorodifluoromethane	<10.0	10.0		ug/L
100-41-4	Ethylbenzene	<10.0	10.0		ug/L
87-68-3	Hexachlorobutadiene	<10.0	10.0		ug/L
98-82-8	Isopropylbenzene (Cumene)	<10.0	10.0		ug/L
74-88-4	Methyl iodide	<10.0	10.0		ug/L
75-09-2	Methylene chloride	<10.0	10.0		ug/L
91-20-3	Naphthalene	<10.0	10.0		ug/L
100-42-5	Styrene	<10.0	10.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103515	MW-25D 20131008	Water	10/08/2013 16:50	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	10/17/2013 20:02	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	317	10.0		ug/L
108-88-3	Toluene	<10.0	10.0		ug/L
79-01-6	Trichloroethene	<10.0	10.0		ug/L
75-69-4	Trichlorofluoromethane	<10.0	10.0		ug/L
76-13-1	Trichlorotrifluoroethane	<10.0	10.0		ug/L
108-05-4	Vinyl acetate	<10.0	10.0		ug/L
75-01-4	Vinyl chloride	<10.0	10.0		ug/L
1330-20-7	Xylene (total)	<30.0	30.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<10.0	10.0		ug/L
10061-01-5	cis-1,3-Dichloropropene	<10.0	10.0		ug/L
136777-61-2	m,p-Xylene	<20.0	20.0		ug/L
104-51-8	n-Butylbenzene	<10.0	10.0		ug/L
103-65-1	n-Propylbenzene	<10.0	10.0		ug/L
95-47-6	o-Xylene	<10.0	10.0		ug/L
135-98-8	sec-Butylbenzene	<10.0	10.0		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<10.0	10.0		ug/L
98-06-6	tert-Butylbenzene	<10.0	10.0		ug/L
156-60-5	trans-1,2-Dichloroethene	<10.0	10.0		ug/L
10061-02-6	trans-1,3-Dichloropropene	<10.0	10.0		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<10.0	10.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	100	96.7	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	100	104	ug/L	104	77 - 127
2037-26-5	Toluene d8	100	102	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	100	100	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103516	DUP-01 20131008	Water	10/08/2013 00:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	10/17/2013 20:23	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<25.0	25.0		ug/L
71-55-6	1,1,1-Trichloroethane	<25.0	25.0		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<25.0	25.0		ug/L
79-00-5	1,1,2-Trichloroethane	<25.0	25.0		ug/L
75-34-3	1,1-Dichloroethane	<25.0	25.0		ug/L
75-35-4	1,1-Dichloroethene	<25.0	25.0		ug/L
563-58-6	1,1-Dichloropropene	<25.0	25.0		ug/L
96-18-4	1,2,3-Trichloropropane	<25.0	25.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	<25.0	25.0		ug/L
95-63-6	1,2,4-Trimethylbenzene	<25.0	25.0		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<25.0	25.0		ug/L
106-93-4	1,2-Dibromoethane	<25.0	25.0		ug/L
95-50-1	1,2-Dichlorobenzene	<25.0	25.0		ug/L
107-06-2	1,2-Dichloroethane	<25.0	25.0		ug/L
540-59-0	1,2-Dichloroethene(Total)	<50.0	50.0		ug/L
78-87-5	1,2-Dichloropropane	<25.0	25.0		ug/L
108-67-8	1,3,5-Trimethylbenzene	<25.0	25.0		ug/L
541-73-1	1,3-Dichlorobenzene	<25.0	25.0		ug/L
142-28-9	1,3-Dichloropropane	<25.0	25.0		ug/L
106-46-7	1,4-Dichlorobenzene	<25.0	25.0		ug/L
594-20-7	2,2-Dichloropropane	<25.0	25.0		ug/L
78-93-3	2-Butanone	<25.0	25.0		ug/L
95-49-8	2-Chlorotoluene	<25.0	25.0		ug/L
591-78-6	2-Hexanone	<25.0	25.0		ug/L
106-43-4	4-Chlorotoluene	<25.0	25.0		ug/L
99-87-6	4-Isopropyltoluene	<25.0	25.0		ug/L
108-10-1	4-Methyl-2-pentanone	<25.0	25.0		ug/L
67-64-1	Acetone	<25.0	25.0		ug/L
71-43-2	Benzene	<25.0	25.0		ug/L
108-86-1	Bromobenzene	<25.0	25.0		ug/L
74-97-5	Bromochloromethane	<25.0	25.0		ug/L
75-27-4	Bromodichloromethane	<25.0	25.0		ug/L
75-25-2	Bromoform	<25.0	25.0		ug/L
74-83-9	Bromomethane	<25.0	25.0		ug/L
75-15-0	Carbon disulfide	<25.0	25.0		ug/L
56-23-5	Carbon tetrachloride	<25.0	25.0		ug/L
108-90-7	Chlorobenzene	<25.0	25.0		ug/L
75-00-3	Chloroethane	<25.0	25.0		ug/L
67-66-3	Chloroform	<25.0	25.0		ug/L
74-87-3	Chloromethane	<25.0	25.0		ug/L
124-48-1	Dibromochloromethane	<25.0	25.0		ug/L
74-95-3	Dibromomethane	<25.0	25.0		ug/L
75-71-8	Dichlorodifluoromethane	<25.0	25.0		ug/L
100-41-4	Ethylbenzene	<25.0	25.0		ug/L
87-68-3	Hexachlorobutadiene	<25.0	25.0		ug/L
98-82-8	Isopropylbenzene (Cumene)	<25.0	25.0		ug/L
74-88-4	Methyl iodide	<25.0	25.0		ug/L
75-09-2	Methylene chloride	<25.0	25.0		ug/L
91-20-3	Naphthalene	<25.0	25.0		ug/L
100-42-5	Styrene	<25.0	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103516	DUP-01 20131008	Water	10/08/2013 00:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	10/17/2013 20:23	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	456	25.0		ug/L
108-88-3	Toluene	<25.0	25.0		ug/L
79-01-6	Trichloroethene	<25.0	25.0		ug/L
75-69-4	Trichlorofluoromethane	<25.0	25.0		ug/L
76-13-1	Trichlorotrifluoroethane	<25.0	25.0		ug/L
108-05-4	Vinyl acetate	<25.0	25.0		ug/L
75-01-4	Vinyl chloride	<25.0	25.0		ug/L
1330-20-7	Xylene (total)	<75.0	75.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-01-5	cis-1,3-Dichloropropene	<25.0	25.0		ug/L
136777-61-2	m,p-Xylene	<50.0	50.0		ug/L
104-51-8	n-Butylbenzene	<25.0	25.0		ug/L
103-65-1	n-Propylbenzene	<25.0	25.0		ug/L
95-47-6	o-Xylene	<25.0	25.0		ug/L
135-98-8	sec-Butylbenzene	<25.0	25.0		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<25.0	25.0		ug/L
98-06-6	tert-Butylbenzene	<25.0	25.0		ug/L
156-60-5	trans-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-02-6	trans-1,3-Dichloropropene	<25.0	25.0		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<25.0	25.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	245	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	250	255	ug/L	102	77 - 127
2037-26-5	Toluene d8	250	260	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	249	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103517	DUP-02 20131008	Water	10/08/2013 00:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	10/20/2013 00:47	JCK	518127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<25.0	25.0		ug/L
71-55-6	1,1,1-Trichloroethane	<25.0	25.0		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<25.0	25.0		ug/L
79-00-5	1,1,2-Trichloroethane	<25.0	25.0		ug/L
75-34-3	1,1-Dichloroethane	<25.0	25.0		ug/L
75-35-4	1,1-Dichloroethene	<25.0	25.0		ug/L
563-58-6	1,1-Dichloropropene	<25.0	25.0		ug/L
96-18-4	1,2,3-Trichloropropane	<25.0	25.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	<25.0	25.0		ug/L
95-63-6	1,2,4-Trimethylbenzene	<25.0	25.0		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<25.0	25.0		ug/L
106-93-4	1,2-Dibromoethane	<25.0	25.0		ug/L
95-50-1	1,2-Dichlorobenzene	<25.0	25.0		ug/L
107-06-2	1,2-Dichloroethane	<25.0	25.0		ug/L
540-59-0	1,2-Dichloroethene(Total)	<50.0	50.0		ug/L
78-87-5	1,2-Dichloropropane	<25.0	25.0		ug/L
108-67-8	1,3,5-Trimethylbenzene	<25.0	25.0		ug/L
541-73-1	1,3-Dichlorobenzene	<25.0	25.0		ug/L
142-28-9	1,3-Dichloropropane	<25.0	25.0		ug/L
106-46-7	1,4-Dichlorobenzene	<25.0	25.0		ug/L
594-20-7	2,2-Dichloropropane	<25.0	25.0		ug/L
78-93-3	2-Butanone	<25.0	25.0		ug/L
95-49-8	2-Chlorotoluene	<25.0	25.0		ug/L
591-78-6	2-Hexanone	<25.0	25.0		ug/L
106-43-4	4-Chlorotoluene	<25.0	25.0		ug/L
99-87-6	4-Isopropyltoluene	<25.0	25.0		ug/L
108-10-1	4-Methyl-2-pentanone	<25.0	25.0		ug/L
67-64-1	Acetone	<25.0	25.0		ug/L
71-43-2	Benzene	<25.0	25.0		ug/L
108-86-1	Bromobenzene	<25.0	25.0		ug/L
74-97-5	Bromochloromethane	<25.0	25.0		ug/L
75-27-4	Bromodichloromethane	<25.0	25.0		ug/L
75-25-2	Bromoform	<25.0	25.0		ug/L
74-83-9	Bromomethane	<25.0	25.0		ug/L
75-15-0	Carbon disulfide	<25.0	25.0		ug/L
56-23-5	Carbon tetrachloride	<25.0	25.0		ug/L
108-90-7	Chlorobenzene	<25.0	25.0		ug/L
75-00-3	Chloroethane	<25.0	25.0		ug/L
67-66-3	Chloroform	<25.0	25.0		ug/L
74-87-3	Chloromethane	<25.0	25.0		ug/L
124-48-1	Dibromochloromethane	<25.0	25.0		ug/L
74-95-3	Dibromomethane	<25.0	25.0		ug/L
75-71-8	Dichlorodifluoromethane	<25.0	25.0		ug/L
100-41-4	Ethylbenzene	<25.0	25.0		ug/L
87-68-3	Hexachlorobutadiene	<25.0	25.0		ug/L
98-82-8	Isopropylbenzene (Cumene)	<25.0	25.0		ug/L
74-88-4	Methyl iodide	<25.0	25.0		ug/L
75-09-2	Methylene chloride	<25.0	25.0		ug/L
91-20-3	Naphthalene	<25.0	25.0		ug/L
100-42-5	Styrene	<25.0	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103517	DUP-02 20131008	Water	10/08/2013 00:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	10/20/2013 00:47	JCK	518127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	375	25.0		ug/L
108-88-3	Toluene	<25.0	25.0		ug/L
79-01-6	Trichloroethene	<25.0	25.0		ug/L
75-69-4	Trichlorofluoromethane	<25.0	25.0		ug/L
76-13-1	Trichlorotrifluoroethane	<25.0	25.0		ug/L
108-05-4	Vinyl acetate	<25.0	25.0		ug/L
75-01-4	Vinyl chloride	<25.0	25.0		ug/L
1330-20-7	Xylene (total)	<75.0	75.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-01-5	cis-1,3-Dichloropropene	<25.0	25.0		ug/L
136777-61-2	m,p-Xylene	<50.0	50.0		ug/L
104-51-8	n-Butylbenzene	<25.0	25.0		ug/L
103-65-1	n-Propylbenzene	<25.0	25.0		ug/L
95-47-6	o-Xylene	<25.0	25.0		ug/L
135-98-8	sec-Butylbenzene	<25.0	25.0		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<25.0	25.0		ug/L
98-06-6	tert-Butylbenzene	<25.0	25.0		ug/L
156-60-5	trans-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-02-6	trans-1,3-Dichloropropene	<25.0	25.0		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<25.0	25.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	266	ug/L	106	78 - 130
1868-53-7	Dibromofluoromethane	250	254	ug/L	102	77 - 127
2037-26-5	Toluene d8	250	261	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	242	ug/L	97	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103518	TRIP BLANK 20131008	Water	10/07/2013 00:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 17:31	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310103518	TRIP BLANK 20131008	Water	10/07/2013 00:00	10/10/2013 10:15

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/17/2013 17:31	CEK	517967

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	51.4	ug/L	103	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.2	ug/L	102	71 - 127

GC/MS Volatiles Quality Control Summary

Analytical Batch 517967 Prep Batch N/A		Client ID MB517967 GCAL ID 1244533 Sample Type Method Blank Analytical Date 10/17/2013 13:08 Matrix Water			LCS517967 1244534 LCS 10/17/2013 11:48 Water			LCSD517967 1244535 LCSD 10/17/2013 12:07 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	<5.00	5.00	50.0	51.5	103	44 - 156	52.3	105	2	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	54.1	108	76 - 130	54.2	108	0	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	52.8	106	74 - 125	53.1	106	1	30
75-25-2	Bromoform	<5.00	5.00	50.0	51.8	104	64 - 122	50.6	101	2	30
74-83-9	Bromomethane	<5.00	5.00	50.0	33.9	68	47 - 138	43.7	87	25	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	53.3	107	69 - 136	52.7	105	1	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	56.6	113	76 - 128	56.4	113	0	30
75-00-3	Chloroethane	<5.00	5.00	50.0	58.3	117	62 - 141	56.2	112	4	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	110	110	74 - 126	111	111	1	30
67-66-3	Chloroform	<5.00	5.00	50.0	52.3	105	75 - 122	52.1	104	0	30
74-87-3	Chloromethane	<5.00	5.00	50.0	48.2	96	59 - 132	51.9	104	7	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	52.7	105	71 - 123	53.2	106	1	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	51.0	102	72 - 129	52.2	104	2	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	55.7	111	58 - 140	56.0	112	1	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	50.7	101	74 - 127	53.3	107	5	30
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	49.9	100	71 - 129	51.0	102	2	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	53.2	106	73 - 130	54.9	110	3	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	55.1	110	69 - 132	56.0	112	2	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	50.6	101	68 - 132	51.3	103	1	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	50.2	100	72 - 128	51.0	102	2	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	51.7	103	71 - 132	53.3	107	3	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	54.9	110	71 - 131	56.3	113	3	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	55.1	110	74 - 126	55.4	111	1	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	46.4	93	50 - 135	48.1	96	4	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	58.3	117	71 - 125	56.4	113	3	30
78-93-3	2-Butanone	<5.00	5.00	50.0	52.1	104	58 - 137	54.9	110	5	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	35.6	71	57 - 141	45.0	90	23	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	46.7	93	57 - 132	48.5	97	4	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	56.5	113	75 - 129	54.5	109	4	30
100-42-5	Styrene	<5.00	5.00	50.0	50.4	101	71 - 127	51.4	103	2	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	52.8	106	68 - 128	51.1	102	3	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	53.3	107	75 - 124	54.5	109	2	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	54.8	110	70 - 122	53.6	107	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 517967 Prep Batch N/A		Client ID MB517967 GCAL ID 1244533 Sample Type Method Blank Analytical Date 10/17/2013 13:08 Matrix Water			LCS517967 1244534 LCS 10/17/2013 11:48 Water			LCSD517967 1244535 LCSD 10/17/2013 12:07 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	54.7	109	61 - 135	53.6	107	2	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	53.4	107	76 - 126	54.2	108	1	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	52.7	105	72 - 121	52.7	105	0	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	56.5	113	72 - 136	55.6	111	2	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	50.9	102	70 - 120	51.2	102	1	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	59.1	118	74 - 125	57.0	114	4	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	58.5	117	71 - 132	56.9	114	3	30
75-01-4	Vinyl chloride	<5.00	5.00	50.0	53.8	108	68 - 132	56.2	112	4	30
95-47-6	o-Xylene	<5.00	5.00	50.0	54.4	109	73 - 130	54.9	110	1	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	44.8	90	57 - 121	47.3	95	5	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	49.8	100	70 - 124	50.2	100	1	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	43.5	87	54 - 147	44.1	88	1	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	55.9	112	71 - 125	57.2	114	2	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	108	108	74 - 128	111	111	3	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	53.9	108	71 - 129	51.2	102	5	30
1330-20-7	Xylene (total)	<15.0	15.0	150	165	110	74 - 127	165	110	0	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	53.9	108	56 - 132	55.7	111	3	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	55.3	111	77 - 124	56.9	114	3	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	53.3	107	72 - 136	52.7	105	1	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	49.9	100	72 - 131	51.1	102	2	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	53.0	106	74 - 122	52.8	106	0	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	52.1	104	71 - 120	51.0	102	2	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	55.2	110	72 - 127	53.6	107	3	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	55.9	112	75 - 126	55.0	110	2	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	52.1	104	72 - 126	49.6	99	5	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	59.7	119	70 - 136	56.1	112	6	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	54.1	108	74 - 126	52.2	104	4	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	52.7	105	72 - 122	51.7	103	2	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	59.6	119	69 - 134	55.8	112	7	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	52.0	104	71 - 126	51.6	103	1	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	57.5	115	61 - 144	53.7	107	7	30
91-20-3	Naphthalene	<5.00	5.00	50.0	45.1	90	57 - 138	46.1	92	2	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	55.0	110	69 - 129	56.5	113	3	20

GC/MS Volatiles Quality Control Summary

Analytical Batch 517967 Prep Batch N/A		Client ID MB517967 GCAL ID 1244533 Sample Type Method Blank Analytical Date 10/17/2013 13:08 Matrix Water			LCS 517967 1244534 LCS 10/17/2013 11:48 Water			LCSD 517967 1244535 LCSD 10/17/2013 12:07 Water			
EPA 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
71-43-2	Benzene	<5.00	5.00	50.0	51.5	103	70 - 129	52.6	105	2	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	51.1	102	76 - 129	53.5	107	5	20
108-88-3	Toluene	<5.00	5.00	50.0	50.3	101	72 - 120	50.6	101	1	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	51.1	102	74 - 123	51.7	103	1	20
Surrogate											
460-00-4	4-Bromofluorobenzene	49.2	98	50	49.5	99	78 - 130	48.8	98		
1868-53-7	Dibromofluoromethane	50.5	101	50	50.1	100	77 - 127	50	100		
2037-26-5	Toluene d8	51.2	102	50	49.5	99	76 - 134	49.3	99		
17060-07-0	1,2-Dichloroethane-d4	48.2	96	50	49.9	100	71 - 127	47.7	95		

Analytical Batch 518127 Prep Batch N/A		Client ID MB518127 GCAL ID 1245439 Sample Type Method Blank Analytical Date 10/19/2013 23:59 Matrix Water			LCS 518127 1245440 LCS 10/19/2013 22:26 Water			LCSD 518127 1245441 LCSD 10/19/2013 22:48 Water			
EPA 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	<5.00	5.00	50.0	42.1	84	44 - 156	41.4	83	2	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	52.4	105	76 - 130	49.4	99	6	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	46.2	92	74 - 125	44.0	88	5	30
75-25-2	Bromoform	<5.00	5.00	50.0	46.7	93	64 - 122	46.0	92	2	30
74-83-9	Bromomethane	<5.00	5.00	50.0	40.7	81	47 - 138	43.4	87	6	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	45.6	91	69 - 136	40.9	82	11	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	52.1	104	76 - 128	47.9	96	8	30
75-00-3	Chloroethane	<5.00	5.00	50.0	46.6	93	62 - 141	42.9	86	8	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	99.9	100	74 - 126	94.2	94	6	30
67-66-3	Chloroform	<5.00	5.00	50.0	43.9	88	75 - 122	41.1	82	7	30
74-87-3	Chloromethane	<5.00	5.00	50.0	40.4	81	59 - 132	39.8	80	1	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	45.4	91	71 - 123	45.2	90	0	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	45.8	92	72 - 129	44.3	89	3	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	44.0	88	58 - 140	42.0	84	5	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	44.3	89	74 - 127	41.4	83	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 518127 Prep Batch N/A		Client ID MB518127 GCAL ID 1245439 Sample Type Method Blank Analytical Date 10/19/2013 23:59 Matrix Water			LCS518127 1245440 LCS 10/19/2013 22:26 Water			LCSD518127 1245441 LCSD 10/19/2013 22:48 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	43.7	87	71 - 129	41.5	83	5	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	45.0	90	73 - 130	42.2	84	6	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	45.0	90	69 - 132	41.6	83	8	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	42.9	86	68 - 132	39.9	80	7	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	43.4	87	72 - 128	41.3	83	5	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	49.3	99	71 - 132	46.8	94	5	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	48.0	96	71 - 131	45.6	91	5	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	46.5	93	74 - 126	44.2	88	5	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	42.3	85	50 - 135	42.0	84	1	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	53.0	106	71 - 125	49.1	98	8	30
78-93-3	2-Butanone	<5.00	5.00	50.0	42.6	85	58 - 137	42.1	84	1	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	55.2	110	57 - 141	51.9	104	6	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	42.6	85	57 - 132	42.0	84	1	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	44.6	89	75 - 129	40.6	81	9	30
100-42-5	Styrene	<5.00	5.00	50.0	53.6	107	71 - 127	51.3	103	4	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	48.8	98	68 - 128	46.8	94	4	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	46.5	93	75 - 124	44.4	89	5	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	43.9	88	70 - 122	43.0	86	2	30
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	48.6	97	61 - 135	47.1	94	3	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	45.7	91	76 - 126	43.3	87	5	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	43.2	86	72 - 121	42.3	85	2	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	47.3	95	72 - 136	43.8	88	8	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	41.0	82	70 - 120	40.0	80	2	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	50.2	100	74 - 125	46.3	93	8	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	49.4	99	71 - 132	45.4	91	8	30
75-01-4	Vinyl chloride	<5.00	5.00	50.0	43.8	88	68 - 132	42.2	84	4	30
95-47-6	o-Xylene	<5.00	5.00	50.0	52.0	104	73 - 130	49.6	99	5	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	41.1	82	57 - 121	41.7	83	1	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	43.4	87	70 - 124	42.9	86	1	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	41.7	83	54 - 147	39.9	80	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	48.4	97	71 - 125	47.9	96	1	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	89.9	90	74 - 128	83.8	84	7	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	46.1	92	71 - 129	41.6	83	10	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 518127 Prep Batch N/A		Client ID MB518127 GCAL ID 1245439 Sample Type Method Blank Analytical Date 10/19/2013 23:59 Matrix Water			LCS518127 1245440 LCS 10/19/2013 22:26 Water			LCSD518127 1245441 LCSD 10/19/2013 22:48 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
1330-20-7	Xylene (total)	<15.0	15.0	150	152	101	74 - 127	144	96	5	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	38.4	77	56 - 132	38.4	77	0	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	47.1	94	77 - 124	43.5	87	8	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	47.9	96	72 - 136	44.2	88	8	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	48.9	98	72 - 131	45.9	92	6	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	44.7	89	74 - 122	43.5	87	3	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	42.3	85	71 - 120	40.0	80	6	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	46.8	94	72 - 127	43.5	87	7	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	45.9	92	75 - 126	42.9	86	7	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	48.5	97	72 - 126	43.9	88	10	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	50.7	101	70 - 136	45.7	91	10	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	46.7	93	74 - 126	43.3	87	8	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	43.8	88	72 - 122	40.8	82	7	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	43.9	88	69 - 134	39.2	78	11	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	46.6	93	71 - 126	44.2	88	5	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	47.3	95	61 - 144	44.3	89	7	30
91-20-3	Naphthalene	<5.00	5.00	50.0	39.3	79	57 - 138	41.4	83	5	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	47.3	95	69 - 129	45.1	90	5	20
71-43-2	Benzene	<5.00	5.00	50.0	47.4	95	70 - 129	44.3	89	7	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	46.8	94	76 - 129	44.5	89	5	20
108-88-3	Toluene	<5.00	5.00	50.0	45.3	91	72 - 120	43.1	86	5	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	45.0	90	74 - 123	42.8	86	5	20
Surrogate											
460-00-4	4-Bromofluorobenzene	53.3	107	50	52.7	105	78 - 130	53.9	108		
1868-53-7	Dibromofluoromethane	50.5	101	50	50.1	100	77 - 127	50.3	101		
2037-26-5	Toluene d8	52.4	105	50	48.5	97	76 - 134	49.2	98		
17060-07-0	1,2-Dichloroethane-d4	48.8	98	50	48.1	96	71 - 127	47.6	95		



CHAIN OF CUSTODY RECORD

7979 GSRI Ave., Baton Rouge, LA 70820-7402
Phone: 225.769.4900 • Fax: 225.767.5717 • www.gcal.com

Client ID: 4447 - ENVIRON International Corp

SDG: 213101035

Due Date: 10/16/13



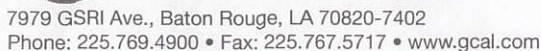
Report to:					Bill to:					Analytical Requests & Method												GCAL use only:																	
Client: <u>ENVIRON International</u>					Client: <u>Same</u>																	Custody Seal																	
Address: <u>1600 Parkwood Cir Ste 310</u>					Address: _____																	used ☒ yes ☐ no																	
Contact: <u>Ryan Slakman</u>					Contact: _____																	intact ☒ yes ☐ no																	
Phone: <u>(678) 388-1663</u>					Phone: _____																	Temperature °C <u>4.1 E22</u>																	
E-mail: <u>rslakman@environcorp.com</u>					E-mail: _____																																		
P.O. Number			Project Name/Number							VOCs												☐ Dissolved Analysis Requested																	
<u>0721924K</u>			<u>CLHT</u>																			☐ Field filtered																	
Sampled By:																						☐ Lab filtered																	
Matrix ¹												Date		Time (2400)		Comp		Grab		Sample Description				No Con-tainers ↓		HCL		Preservative											
W												10/7/13		1545				X		MW-08R 20131007				3		X													
														1550						MW-06 20131007				3															
														1700						MW-26D 20131007				3				Use vial with *first because of head space											
														1752						MW-18 20131007				3															
														1815						MW-13 20131007				3															
												10/8/13		1025						MW-19 20131008				3															
														1040						MW-24 20131008				3															
														1130						MW-21 20131008				3															
														1130						MW-15 20131008				3															
														1245						MW-20 20131008				3															
														1515						MW-12 20131008				3															
														1523						MW-14 20131008				3															
														1630						MW-27D 2013 20131008				3															
Air Bill No: <u>7948 7493 5400</u>																																							
Turn Around Time (Business Days): ☐ 24h* ☐ 48h* ☐ 3 days* ☐ 1 week* ☒ Standard (Per Contract/Quote)																																							
Relinquished by: (Signature) <u>Kevin Hade</u>												Date: <u>10/9/2013</u>		Time: <u>1050</u>		Received by: (Signature) <u>PERDEX</u>												Date: <u>10/9/13</u>		Time: <u>12:50</u>		Note:							
Relinquished by: (Signature) <u>PERDEX</u>												Date: <u>10/10/2013</u>		Time: <u>1015</u>		Received by: (Signature) <u>PERDEX</u>												Date: <u>10/10/2013</u>		Time: <u>1015</u>									
Relinquished by: (Signature)												Date:		Time:		Received by: (Signature)												Date:		Time:		By submitting these samples, you agree to GCAL's terms and conditions contained in our most recent schedule of services.							

Matrix¹: W = water, S = solid, L = liquid, T = tissue

*Requires prior approval, rush charges may apply.

We cannot accept verbal changes. Please email written changes to your PM.

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT



Client ID: 4447 - ENVIRON International Corp



Due Date: 10/16/13

[illegible]

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT

Matrix¹: W = water, S = solid, L = liquid, T = tissue

*Requires prior approval, rush charges may apply.

We cannot accept verbal changes. Please email written changes to your PM.

SAMPLE RECEIVING CHECKLIST



SAMPLE DELIVERY GROUP 213101035		CHECKLIST	YES	NO	NA
Client 4447 - ENVIRON International Corp	Transport Method FEDEX	Were all samples received using proper thermal preservation?	☒	☐	☐
		When used, were all custody seals intact?	☒	☐	☐
		Were all samples received in proper containers?	☒	☐	☐
Profile Number 229430	Received By Law , Brittany P.	Were all samples received using proper chemical preservation?	☒	☐	☐
		Was preservative added to any container at the lab?	☐	☒	☐
		Were all containers received in good condition?	☒	☐	☐
		Were all VOA vials received with no head space?	☒	☐	☐
		Do all sample labels match the Chain of Custody?	☒	☐	☐
		Did the Chain of Custody list the sampling technician?	☒	☐	☐
		Was the COC maintained i.e. all signatures, dates and time of receipt included?	☒	☐	☐
COOLERS		DISCREPANCIES	LAB PRESERVATIONS		
Airbill	Thermometer ID: E22	<u>21310103518</u> - TRIP BLANK 20131008: Sample Discrepancy	None		
7968 7496 5400	Temp(°C) 4.1				
NOTES					

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

**7979 GSRI Avenue
Baton Rouge, LA 70820**

Report Date 11/06/2013

GCAL Report 213102539



Deliver To ENVIRON
1600 Parkwood Circle
Suite 310
Atlanta, GA 30339
678-388-1663

Attn Ryan Slakman

Project CCHT

CASE NARRATIVE

Client: ENVIRON International Corp **Report:** 213102539

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis for analytical batch 519407, the LCS and/or LCSD recoveries are above the upper control limit for Vinyl acetate. This compound was not detected in the associated samples.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Authorized Signature

GCAL REPORT 213102539

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310253901	MW-23 20131024	Water	10/24/2013 11:20	10/25/2013 10:45

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310253901	MW-23 20131024	Water	10/24/2013 11:20	10/25/2013 10:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-66-3	Chloroform	5.72	5.00		ug/L
127-18-4	Tetrachloroethene	69.9	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310253901	MW-23 20131024	Water	10/24/2013 11:20	10/25/2013 10:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	11/06/2013 12:30	CLH	519407

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	5.72	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21310253901	MW-23 20131024	Water	10/24/2013 11:20	10/25/2013 10:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	11/06/2013 12:30	CLH	519407

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	69.9	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.6	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	49.9	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	54.2	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.5	ug/L	95	71 - 127

GC/MS Volatiles Quality Control Summary

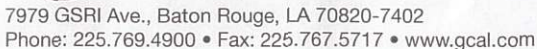
Analytical Batch 519407 Prep Batch N/A		Client ID MB519407 GCAL ID 1253309 Sample Type Method Blank Analytical Date 11/06/2013 12:07 Matrix Water			LCS519407 1253310 LCS 11/06/2013 10:06 Water			LCSD519407 1253311 LCSD 11/06/2013 10:28 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	<5.00	5.00	50.0	68.3	137	44 - 156	72.9	146	7	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	49.8	100	76 - 130	48.8	98	2	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	47.5	95	74 - 125	46.2	92	3	30
75-25-2	Bromoform	<5.00	5.00	50.0	52.6	105	64 - 122	52.3	105	1	30
74-83-9	Bromomethane	<5.00	5.00	50.0	36.5	73	47 - 138	39.1	78	7	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	45.9	92	69 - 136	43.2	86	6	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	49.2	98	76 - 128	47.7	95	3	30
75-00-3	Chloroethane	<5.00	5.00	50.0	38.2	76	62 - 141	38.8	78	2	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	99.4	99	74 - 126	92.9	93	7	30
67-66-3	Chloroform	<5.00	5.00	50.0	48.5	97	75 - 122	47.8	96	1	30
74-87-3	Chloromethane	<5.00	5.00	50.0	50.2	100	59 - 132	48.6	97	3	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	47.5	95	71 - 123	46.4	93	2	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	47.6	95	72 - 129	47.3	95	1	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	49.1	98	58 - 140	46.9	94	5	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	48.5	97	74 - 127	48.6	97	0	30
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	50.5	101	71 - 129	50.8	102	1	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	48.8	98	73 - 130	48.1	96	1	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	47.4	95	69 - 132	47.2	94	0	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	49.5	99	68 - 132	49.5	99	0	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	46.3	93	72 - 128	44.6	89	4	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	50.5	101	71 - 132	47.7	95	6	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	53.2	106	71 - 131	51.5	103	3	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	48.2	96	74 - 126	45.5	91	6	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	53.7	107	50 - 135	57.0	114	6	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	48.2	96	71 - 125	45.2	90	6	30
78-93-3	2-Butanone	<5.00	5.00	50.0	57.0	114	58 - 137	64.0	128	12	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	35.8	72	57 - 141	46.7	93	26	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	50.8	102	57 - 132	53.3	107	5	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	50.6	101	75 - 129	47.9	96	5	30
100-42-5	Styrene	<5.00	5.00	50.0	48.7	97	71 - 127	46.2	92	5	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	45.2	90	68 - 128	43.3	87	4	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	46.7	93	75 - 124	45.6	91	2	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	56.7	113	70 - 122	57.6	115	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 519407 Prep Batch N/A		Client ID MB519407 GCAL ID 1253309 Sample Type Method Blank Analytical Date 11/06/2013 12:07 Matrix Water			LCS519407 1253310 LCS 11/06/2013 10:06 Water			LCSD519407 1253311 LCSD 11/06/2013 10:28 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	52.3	105	61 - 135	50.9	102	3	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	48.5	97	76 - 126	47.2	94	3	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	47.2	94	72 - 121	46.7	93	1	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	40.5	81	72 - 136	40.3	81	1	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	49.3	99	70 - 120	53.6	107	8	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	53.5	107	74 - 125	51.2	102	4	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	51.9	104	71 - 132	49.2	98	5	30
75-01-4	Vinyl chloride	<5.00	5.00	50.0	44.2	88	68 - 132	43.3	87	2	30
95-47-6	o-Xylene	<5.00	5.00	50.0	49.9	100	73 - 130	47.2	94	6	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	48.1	96	57 - 121	53.7	107	11	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	45.2	90	70 - 124	45.4	91	0	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	75.1	150*	54 - 147	75.3	151*	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	46.8	94	71 - 125	48.4	97	3	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	96.2	96	74 - 128	95.2	95	1	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	50.7	101	71 - 129	47.1	94	7	30
1330-20-7	Xylene (total)	<15.0	15.0	150	149	99	74 - 127	140	93	6	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	54.4	109	56 - 132	54.9	110	1	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	50.1	100	77 - 124	48.2	96	4	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	44.3	89	72 - 136	42.7	85	4	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	48.8	98	72 - 131	47.4	95	3	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	46.4	93	74 - 122	46.0	92	1	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	49.5	99	71 - 120	48.4	97	2	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	51.2	102	72 - 127	49.4	99	4	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	53.0	106	75 - 126	49.8	100	6	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	52.9	106	72 - 126	50.8	102	4	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	51.6	103	70 - 136	48.3	97	7	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	50.9	102	74 - 126	49.0	98	4	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	49.9	100	72 - 122	48.1	96	4	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	55.9	112	69 - 134	52.0	104	7	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	49.6	99	71 - 126	48.7	97	2	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	55.0	110	61 - 144	48.8	98	12	30
91-20-3	Naphthalene	<5.00	5.00	50.0	42.7	85	57 - 138	46.6	93	9	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	43.2	86	69 - 129	42.9	86	1	20

GC/MS Volatiles Quality Control Summary

Analytical Batch 519407 Prep Batch N/A		Client ID MB519407 GCAL ID 1253309 Sample Type Method Blank Analytical Date 11/06/2013 12:07 Matrix Water			LCS519407 1253310 LCS 11/06/2013 10:06 Water			LCSD519407 1253311 LCSD 11/06/2013 10:28 Water						
EPA 8260B					Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
					Result	RDL	Added			Limits % R				Limit
71-43-2	Benzene	<5.00	5.00	50.0	50.6			101	70 - 129	50.2	100	1	20	
79-01-6	Trichloroethene	<5.00	5.00	50.0	48.7			97	76 - 129	45.9	92	6	20	
108-88-3	Toluene	<5.00	5.00	50.0	47.4			95	72 - 120	44.9	90	5	20	
108-90-7	Chlorobenzene	<5.00	5.00	50.0	47.6			95	74 - 123	45.3	91	5	20	
Surrogate														
460-00-4	4-Bromofluorobenzene	49.1	98	50	47.9			96	78 - 130	47.9	96			
1868-53-7	Dibromofluoromethane	49.2	98	50	50.3			101	77 - 127	51.2	102			
2037-26-5	Toluene d8	53.8	108	50	46.5			93	76 - 134	46.3	93			
17060-07-0	1,2-Dichloroethane-d4	47	94	50	47.9			96	71 - 127	49.9	100			



Client ID: 4447 - ENVIRON International Corp



Due Date: 10/31/13

[illegible]

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT

Matrix¹: W = water, S = solid, L = liquid, T = tissue

*Requires prior approval, rush charges may apply.

We cannot accept verbal changes. Please email written changes to your PM.



SAMPLE DELIVERY GROUP 213102539		
Client 4447 - ENVIRON International Corp	Transport Method FEDEX	
Profile Number 229430	Received By Law , Brittany P.	
Line Item(s) 1 - Waters	Receive Date(s) 10/25/13	

CHECKLIST	YES	NO	NA
Were all samples received using proper thermal preservation?	☒	☐	☐
When used, were all custody seals intact?	☒	☐	☐
Were all samples received in proper containers?	☒	☐	☐
Were all samples received using proper chemical preservation?	☒	☐	☐
Was preservative added to any container at the lab?	☐	☒	☐
Were all containers received in good condition?	☒	☐	☐
Were all VOA vials received with no head space?	☒	☐	☐
Do all sample labels match the Chain of Custody?	☒	☐	☐
Did the Chain of Custody list the sampling technician?	☒	☐	☐
Was the COC maintained i.e. all signatures, dates and time of receipt included?	☒	☐	☐

COOLERS		
Airbill	Thermometer ID: E22	Temp(°C)
7969 9313 5417		5.2

DISCREPANCIES	LAB PRESERVATIONS
None	None

NOTES

ANALYTICAL RESULTS

PERFORMED BY

GCAL, LLC

**7979 Innovation Park Dr.
Baton Rouge, LA 70820**

Report Date 05/02/2014

GCAL Report 214042614



Deliver To ENVIRON
1600 Parkwood Circle
Suite 310
Atlanta, GA 30339

Attn Keith Cole

Project CCHT - Conyers, GA

CASE NARRATIVE

Client: ENVIRON International Corp **Report:** 214042614

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report is being re-submitted on 05/08/14 due to the client requesting all limits lowered to at least 5ppb. Sample 21404261418(DUP-02 (20140425)) could not be lowered.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis, samples 21404261405 (MW-15 (20140424)), 21404261407 (MW-19 (20140425)), 21404261412 (MW-25D (20140425)) and 21404261418 (DUP-02 (20140425)) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilution is reflected in elevated detection limits.

MISCELLANEOUS

For samples 21404261417 (DUP-01 (20140424)), 21404261418 (DUP-02 (20140425)), and 21404261419 (TRIP BLANK), a date, time of collection or sample ID discrepancy between a container label and the chain of custody was noted at receipt.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Authorized Signature
GCAL REPORT 214042614

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261401	MW-06 (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45
21404261402	MW-08R (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45
21404261403	MW-12 (20140425)	Water	04/25/2014 09:27	04/26/2014 09:45
21404261404	MW-14 (20140425)	Water	04/25/2014 08:45	04/26/2014 09:45
21404261405	MW-15 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45
21404261406	MW-18 (20140424)	Water	04/24/2014 15:45	04/26/2014 09:45
21404261407	MW-19 (20140425)	Water	04/25/2014 11:45	04/26/2014 09:45
21404261408	MW-20 (20140425)	Water	04/25/2014 09:35	04/26/2014 09:45
21404261409	MW-21 (20140425)	Water	04/25/2014 10:45	04/26/2014 09:45
21404261410	MW-23 (20140425)	Water	04/25/2014 08:40	04/26/2014 09:45
21404261411	MW-24 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45
21404261412	MW-25D (20140425)	Water	04/25/2014 10:42	04/26/2014 09:45
21404261413	MW-26D (20140424)	Water	04/24/2014 16:05	04/26/2014 09:45
21404261414	MW-27D (20140425)	Water	04/25/2014 12:00	04/26/2014 09:45
21404261415	SW-01 (20140425)	Water	04/25/2014 14:00	04/26/2014 09:45
21404261416	SW-02 (20140425)	Water	04/25/2014 14:30	04/26/2014 09:45
21404261417	DUP-01 (20140424)	Water	04/25/2014 00:00	04/26/2014 09:45
21404261418	DUP-02 (20140425)	Water	04/25/2014 00:00	04/26/2014 09:45
21404261419	TRIP BLANK	Water	04/25/2014 00:00	04/26/2014 09:45

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261401	MW-06 (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7.44	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261402	MW-08R (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	9.96	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261403	MW-12 (20140425)	Water	04/25/2014 09:27	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7.95	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261404	MW-14 (20140425)	Water	04/25/2014 08:45	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.4	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261405	MW-15 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	148	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261407	MW-19 (20140425)	Water	04/25/2014 11:45	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-35-4	1,1-Dichloroethene	5.15	5.00		ug/L
127-18-4	Tetrachloroethene	154	5.00		ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261408	MW-20 (20140425)	Water	04/25/2014 09:35	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.25	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261409	MW-21 (20140425)	Water	04/25/2014 10:45	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	45.2	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261410	MW-23 (20140425)	Water	04/25/2014 08:40	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-66-3	Chloroform	8.73	5.00		ug/L
127-18-4	Tetrachloroethene	59.6	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261412	MW-25D (20140425)	Water	04/25/2014 10:42	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	293	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261413	MW-26D (20140424)	Water	04/24/2014 16:05	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	11.2	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261414	MW-27D (20140425)	Water	04/25/2014 12:00	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	69.3	5.00		ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261417	DUP-01 (20140424)	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	114	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261418	DUP-02 (20140425)	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	369	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261401	MW-06 (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 00:08	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261401	MW-06 (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 00:08	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7.44	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.2	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	54.8	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	47.6	ug/L	95	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	54.7	ug/L	109	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261402	MW-08R (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 00:28	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261402	MW-08R (20140424)	Water	04/24/2014 14:25	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 00:28	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	9.96	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	55.1	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	48.5	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55	ug/L	110	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261403	MW-12 (20140425)	Water	04/25/2014 09:27	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 00:50	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261403	MW-12 (20140425)	Water	04/25/2014 09:27	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 00:50	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7.95	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.2	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	55.3	ug/L	111	77 - 127
2037-26-5	Toluene d8	50	48	ug/L	96	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55.7	ug/L	111	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261404	MW-14 (20140425)	Water	04/25/2014 08:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 01:10	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261404	MW-14 (20140425)	Water	04/25/2014 08:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 01:10	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.4	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	48.2	ug/L	96	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	54.8	ug/L	110	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261405	MW-15 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/01/2014 06:51	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<5.00	5.00		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<10.0	10.0		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261405	MW-15 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/01/2014 06:51	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	148	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<6.00	6.00		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<5.00	5.00		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	100	97.9	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	100	111	ug/L	111	77 - 127
2037-26-5	Toluene d8	100	96.8	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	100	114	ug/L	114	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261406	MW-18 (20140424)	Water	04/24/2014 15:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 01:31	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261406	MW-18 (20140424)	Water	04/24/2014 15:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 01:31	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.4	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	55.2	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	48.7	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	54.2	ug/L	108	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261407	MW-19 (20140425)	Water	04/25/2014 11:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/01/2014 07:13	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	5.15	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<5.00	5.00		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<10.0	10.0		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261407	MW-19 (20140425)	Water	04/25/2014 11:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/01/2014 07:13	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	154	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<6.00	6.00		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<5.00	5.00		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	100	97.1	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	100	109	ug/L	109	77 - 127
2037-26-5	Toluene d8	100	97.2	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	100	112	ug/L	112	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261408	MW-20 (20140425)	Water	04/25/2014 09:35	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 01:52	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261408	MW-20 (20140425)	Water	04/25/2014 09:35	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 01:52	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.25	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.7	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	55.2	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	48.9	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55	ug/L	110	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261409	MW-21 (20140425)	Water	04/25/2014 10:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 02:13	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261409	MW-21 (20140425)	Water	04/25/2014 10:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 02:13	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	45.2	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	54.7	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	48.8	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56.6	ug/L	113	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261410	MW-23 (20140425)	Water	04/25/2014 08:40	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 02:55	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	8.73	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261410	MW-23 (20140425)	Water	04/25/2014 08:40	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 02:55	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	59.6	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	54.5	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	48.5	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56	ug/L	112	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261411	MW-24 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 03:16	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261411	MW-24 (20140424)	Water	04/24/2014 17:45	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 03:16	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.3	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	54.7	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	49.6	ug/L	99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56	ug/L	112	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261412	MW-25D (20140425)	Water	04/25/2014 10:42	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/01/2014 07:36	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<5.00	5.00		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<10.0	10.0		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261412	MW-25D (20140425)	Water	04/25/2014 10:42	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	05/01/2014 07:36	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	293	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<6.00	6.00		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<5.00	5.00		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	100	96.9	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	100	111	ug/L	111	77 - 127
2037-26-5	Toluene d8	100	95.6	ug/L	96	76 - 134
17060-07-0	1,2-Dichloroethane-d4	100	114	ug/L	114	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261413	MW-26D (20140424)	Water	04/24/2014 16:05	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 03:37	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261413	MW-26D (20140424)	Water	04/24/2014 16:05	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 03:37	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	11.2	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	55.1	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	49.3	ug/L	99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56.8	ug/L	114	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261414	MW-27D (20140425)	Water	04/25/2014 12:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 03:57	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261414	MW-27D (20140425)	Water	04/25/2014 12:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 03:57	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	69.3	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	53.5	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	48.9	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55.3	ug/L	111	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261415	SW-01 (20140425)	Water	04/25/2014 14:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 04:18	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261415	SW-01 (20140425)	Water	04/25/2014 14:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 04:18	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<2.00	2.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	54.4	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	48.7	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56.8	ug/L	114	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261416	SW-02 (20140425)	Water	04/25/2014 14:30	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 04:39	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261416	SW-02 (20140425)	Water	04/25/2014 14:30	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 04:39	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<2.00	2.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	55.4	ug/L	111	77 - 127
2037-26-5	Toluene d8	50	49.2	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	57.1	ug/L	114	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261417	DUP-01 (20140424)	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 07:57	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261417	DUP-01 (20140424)	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 07:57	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	114	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.2	ug/L	94	78 - 130
1868-53-7	Dibromofluoromethane	50	54.6	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	48.7	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55.9	ug/L	112	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261418	DUP-02 (20140425)	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/02/2014 17:51	ALC	531550

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<25.0	25.0		ug/L
71-55-6	1,1,1-Trichloroethane	<25.0	25.0		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<25.0	25.0		ug/L
79-00-5	1,1,2-Trichloroethane	<25.0	25.0		ug/L
75-34-3	1,1-Dichloroethane	<25.0	25.0		ug/L
75-35-4	1,1-Dichloroethene	<25.0	25.0		ug/L
563-58-6	1,1-Dichloropropene	<25.0	25.0		ug/L
96-18-4	1,2,3-Trichloropropane	<25.0	25.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	<25.0	25.0		ug/L
95-63-6	1,2,4-Trimethylbenzene	<25.0	25.0		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<25.0	25.0		ug/L
106-93-4	1,2-Dibromoethane	<25.0	25.0		ug/L
95-50-1	1,2-Dichlorobenzene	<25.0	25.0		ug/L
107-06-2	1,2-Dichloroethane	<25.0	25.0		ug/L
540-59-0	1,2-Dichloroethene(Total)	<50.0	50.0		ug/L
78-87-5	1,2-Dichloropropane	<25.0	25.0		ug/L
108-67-8	1,3,5-Trimethylbenzene	<25.0	25.0		ug/L
541-73-1	1,3-Dichlorobenzene	<25.0	25.0		ug/L
142-28-9	1,3-Dichloropropane	<25.0	25.0		ug/L
106-46-7	1,4-Dichlorobenzene	<25.0	25.0		ug/L
594-20-7	2,2-Dichloropropane	<25.0	25.0		ug/L
78-93-3	2-Butanone	<25.0	25.0		ug/L
95-49-8	2-Chlorotoluene	<25.0	25.0		ug/L
591-78-6	2-Hexanone	<25.0	25.0		ug/L
106-43-4	4-Chlorotoluene	<25.0	25.0		ug/L
99-87-6	4-Isopropyltoluene	<25.0	25.0		ug/L
108-10-1	4-Methyl-2-pentanone	<25.0	25.0		ug/L
67-64-1	Acetone	<25.0	25.0		ug/L
71-43-2	Benzene	<25.0	25.0		ug/L
108-86-1	Bromobenzene	<25.0	25.0		ug/L
74-97-5	Bromochloromethane	<25.0	25.0		ug/L
75-27-4	Bromodichloromethane	<25.0	25.0		ug/L
75-25-2	Bromoform	<25.0	25.0		ug/L
74-83-9	Bromomethane	<25.0	25.0		ug/L
75-15-0	Carbon disulfide	<25.0	25.0		ug/L
56-23-5	Carbon tetrachloride	<25.0	25.0		ug/L
108-90-7	Chlorobenzene	<25.0	25.0		ug/L
75-00-3	Chloroethane	<25.0	25.0		ug/L
67-66-3	Chloroform	<25.0	25.0		ug/L
74-87-3	Chloromethane	<25.0	25.0		ug/L
124-48-1	Dibromochloromethane	<25.0	25.0		ug/L
74-95-3	Dibromomethane	<25.0	25.0		ug/L
75-71-8	Dichlorodifluoromethane	<25.0	25.0		ug/L
100-41-4	Ethylbenzene	<25.0	25.0		ug/L
87-68-3	Hexachlorobutadiene	<25.0	25.0		ug/L
98-82-8	Isopropylbenzene (Cumene)	<25.0	25.0		ug/L
74-88-4	Methyl iodide	<25.0	25.0		ug/L
75-09-2	Methylene chloride	<25.0	25.0		ug/L
91-20-3	Naphthalene	<25.0	25.0		ug/L
100-42-5	Styrene	<25.0	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261418	DUP-02 (20140425)	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/02/2014 17:51	ALC	531550

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	369	25.0		ug/L
108-88-3	Toluene	<25.0	25.0		ug/L
79-01-6	Trichloroethene	<25.0	25.0		ug/L
75-69-4	Trichlorofluoromethane	<25.0	25.0		ug/L
76-13-1	Trichlorotrifluoroethane	<25.0	25.0		ug/L
108-05-4	Vinyl acetate	<25.0	25.0		ug/L
75-01-4	Vinyl chloride	<25.0	25.0		ug/L
1330-20-7	Xylene (total)	<75.0	75.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-01-5	cis-1,3-Dichloropropene	<25.0	25.0		ug/L
136777-61-2	m,p-Xylene	<50.0	50.0		ug/L
104-51-8	n-Butylbenzene	<25.0	25.0		ug/L
103-65-1	n-Propylbenzene	<25.0	25.0		ug/L
95-47-6	o-Xylene	<25.0	25.0		ug/L
135-98-8	sec-Butylbenzene	<25.0	25.0		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<25.0	25.0		ug/L
98-06-6	tert-Butylbenzene	<25.0	25.0		ug/L
156-60-5	trans-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-02-6	trans-1,3-Dichloropropene	<25.0	25.0		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<25.0	25.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	244	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	250	248	ug/L	99	77 - 127
2037-26-5	Toluene d8	250	259	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	252	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261419	TRIP BLANK	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 06:29	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21404261419	TRIP BLANK	Water	04/25/2014 00:00	04/26/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/01/2014 06:29	CEK	531389

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<2.00	2.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.7	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	55.6	ug/L	111	77 - 127
2037-26-5	Toluene d8	50	48.9	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56.6	ug/L	113	71 - 127

GC/MS Volatiles Quality Control Summary

Analytical Batch 531389 Prep Batch N/A		Client ID MB531389 GCAL ID 1311164 Sample Type Method Blank Analytical Date 04/30/2014 23:47 Matrix Water			LCS531389 1311165 LCS 04/30/2014 22:00 Water			LCSD531389 1311168 LCSD 04/30/2014 22:21 Water			
EPA 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	<5.00	5.00	50.0	56.5	113	44 - 156	58.5	117	3	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	53.2	106	76 - 130	53.5	107	1	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	55.2	110	74 - 125	55.4	111	0	30
75-25-2	Bromoform	<5.00	5.00	50.0	51.2	102	64 - 122	52.9	106	3	30
74-83-9	Bromomethane	<5.00	5.00	50.0	54.4	109	47 - 138	59.0	118	8	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	52.4	105	69 - 136	50.4	101	4	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	55.9	112	76 - 128	55.7	111	0	30
75-00-3	Chloroethane	<5.00	5.00	50.0	59.9	120	62 - 141	57.4	115	4	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	97.5	98	74 - 126	97.8	98	0	30
67-66-3	Chloroform	<5.00	5.00	50.0	52.5	105	75 - 122	52.4	105	0	30
74-87-3	Chloromethane	<5.00	5.00	50.0	59.9	120	59 - 132	56.7	113	5	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	51.0	102	71 - 123	52.3	105	3	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	52.6	105	72 - 129	53.5	107	2	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	64.6	129	58 - 140	62.7	125	3	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	50.7	101	74 - 127	50.9	102	0	30
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	54.9	110	71 - 129	55.1	110	0	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	50.3	101	73 - 130	49.7	99	1	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	51.1	102	69 - 132	50.4	101	1	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	53.4	107	68 - 132	53.3	107	0	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	49.9	100	72 - 128	51.1	102	2	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	52.4	105	71 - 132	53.3	107	2	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	54.8	110	71 - 131	56.2	112	3	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	47.6	95	74 - 126	47.7	95	0	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	42.4	85	50 - 135	45.7	91	7	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	48.9	98	71 - 125	47.3	95	3	30
78-93-3	2-Butanone	<5.00	5.00	50.0	52.9	106	58 - 137	56.7	113	7	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	51.4	103	57 - 141	51.9	104	1	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	53.2	106	57 - 132	57.0	114	7	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	46.1	92	75 - 129	44.9	90	3	30
100-42-5	Styrene	<5.00	5.00	50.0	51.1	102	71 - 127	51.5	103	1	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	47.4	95	68 - 128	47.4	95	0	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	49.5	99	75 - 124	49.2	98	1	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	46.2	92	70 - 122	47.8	96	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 531389 Prep Batch N/A		Client ID GCAL ID 1311164 Sample Type Method Blank Analytical Date 04/30/2014 23:47 Matrix Water			LCS531389 1311165 LCS 04/30/2014 22:00 Water			LCSD531389 1311168 LCSD 04/30/2014 22:21 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	46.2	92	61 - 135	44.2	88	4	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	54.0	108	76 - 126	54.7	109	1	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	46.6	93	72 - 121	48.1	96	3	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	58.9	118	72 - 136	57.1	114	3	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	45.1	90	70 - 120	48.8	98	8	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	49.1	98	74 - 125	47.3	95	4	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	48.4	97	71 - 132	46.5	93	4	30
75-01-4	Vinyl chloride	<2.00	2.00	50.0	59.0	118	68 - 132	59.5	119	1	30
95-47-6	o-Xylene	<5.00	5.00	50.0	47.5	95	73 - 130	48.4	97	2	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	43.6	87	57 - 121	45.9	92	5	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	48.2	96	70 - 124	50.8	102	5	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	64.3	129	54 - 147	63.7	127	1	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	52.6	105	71 - 125	54.3	109	3	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	101	101	74 - 128	100	100	1	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	48.6	97	71 - 129	45.6	91	6	30
1330-20-7	Xylene (total)	<15.0	15.0	150	145	97	74 - 127	146	97	1	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	43.1	86	56 - 132	46.1	92	7	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	53.4	107	77 - 124	54.1	108	1	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	53.8	108	72 - 136	52.2	104	3	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	51.9	104	72 - 131	51.3	103	1	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	47.1	94	74 - 122	48.5	97	3	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	44.5	89	71 - 120	44.9	90	1	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	45.5	91	72 - 127	44.6	89	2	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	46.2	92	75 - 126	45.3	91	2	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	47.7	95	72 - 126	46.3	93	3	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	48.2	96	70 - 136	45.5	91	6	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	46.5	93	74 - 126	45.9	92	1	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	45.9	92	72 - 122	45.0	90	2	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	49.1	98	69 - 134	45.8	92	7	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	46.4	93	71 - 126	46.3	93	0	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	51.4	103	61 - 144	47.8	96	7	30
91-20-3	Naphthalene	<5.00	5.00	50.0	42.8	86	57 - 138	44.9	90	5	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	51.6	103	69 - 129	51.1	102	1	20

GC/MS Volatiles Quality Control Summary

Analytical Batch 531389 Prep Batch N/A		Client ID MB531389 GCAL ID 1311164 Sample Type Method Blank Analytical Date 04/30/2014 23:47 Matrix Water			LCS 531389 1311165 LCS 04/30/2014 22:00 Water			LCSD 531389 1311168 LCSD 04/30/2014 22:21 Water			
EPA 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
71-43-2	Benzene	<5.00	5.00	50.0	51.0	102	70 - 129	50.9	102	0	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	51.7	103	76 - 129	52.6	105	2	20
108-88-3	Toluene	<5.00	5.00	50.0	45.6	91	72 - 120	46.0	92	1	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	46.9	94	74 - 123	47.4	95	1	20
Surrogate											
460-00-4	4-Bromofluorobenzene	50.6	101	50	50.8	102	78 - 130	51.1	102		
1868-53-7	Dibromofluoromethane	53.7	107	50	53.1	106	77 - 127	53.6	107		
2037-26-5	Toluene d8	49.5	99	50	47.1	94	76 - 134	47.7	95		
17060-07-0	1,2-Dichloroethane-d4	55.4	111	50	53.7	107	71 - 127	53.9	108		

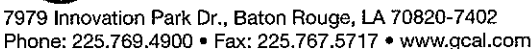
Analytical Batch 531550 Prep Batch N/A		Client ID MB531550 GCAL ID 1311944 Sample Type Method Blank Analytical Date 05/02/2014 15:30 Matrix Water			LCS 531550 1311945 LCS 05/02/2014 13:34 Water			LCSD 531550 1311946 LCSD 05/02/2014 14:22 Water			
EPA 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	<5.00	5.00	50.0	49.8	100	44 - 156	42.3	85	16	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	47.5	95	76 - 130	45.9	92	3	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	46.8	94	74 - 125	44.7	89	5	30
75-25-2	Bromoform	<5.00	5.00	50.0	45.8	92	64 - 122	43.1	86	6	30
74-83-9	Bromomethane	<5.00	5.00	50.0	40.4	81	47 - 138	42.5	85	5	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	44.1	88	69 - 136	44.2	88	0	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	47.4	95	76 - 128	45.6	91	4	30
75-00-3	Chloroethane	<5.00	5.00	50.0	37.4	75	62 - 141	37.2	74	1	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	93.0	93	74 - 126	91.4	91	2	30
67-66-3	Chloroform	<5.00	5.00	50.0	44.3	89	75 - 122	42.8	86	3	30
74-87-3	Chloromethane	<5.00	5.00	50.0	38.9	78	59 - 132	40.9	82	5	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	48.4	97	71 - 123	46.8	94	3	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	47.4	95	72 - 129	44.8	90	6	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	44.6	89	58 - 140	40.1	80	11	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	47.1	94	74 - 127	45.3	91	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 531550		Client ID GCAL ID Sample Type Analytical Date Matrix	MB531550		LCS531550			LCSD531550				
Prep Batch N/A			1311944		1311945			1311946				
			Method Blank		LCS			LCSD				
			05/02/2014 15:30		05/02/2014 13:34			05/02/2014 14:22				
		Water		Water			Water					
EPA 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD	
		Result	RDL	Added			Limits % R			Limit		
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	47.4	95	71 - 129	44.5	89	6	30	
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	50.1	100	73 - 130	49.4	99	1	30	
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	48.2	96	69 - 132	47.8	96	1	30	
75-09-2	Methylene chloride	<5.00	5.00	50.0	42.2	84	68 - 132	41.3	83	2	30	
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	48.1	96	72 - 128	47.2	94	2	30	
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	46.7	93	71 - 132	44.9	90	4	30	
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	46.4	93	71 - 131	44.5	89	4	30	
100-41-4	Ethylbenzene	<5.00	5.00	50.0	48.7	97	74 - 126	47.6	95	2	30	
591-78-6	2-Hexanone	<5.00	5.00	50.0	48.9	98	50 - 135	45.3	91	8	30	
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	45.8	92	71 - 125	46.1	92	1	30	
78-93-3	2-Butanone	<5.00	5.00	50.0	46.7	93	58 - 137	42.7	85	9	30	
74-88-4	Methyl iodide	<5.00	5.00	50.0	46.1	92	57 - 141	46.4	93	1	30	
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	48.1	96	57 - 132	44.9	90	7	30	
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	48.1	96	75 - 129	48.6	97	1	30	
100-42-5	Styrene	<5.00	5.00	50.0	46.2	92	71 - 127	45.5	91	2	30	
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	51.7	103	68 - 128	49.5	99	4	30	
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	47.0	94	75 - 124	45.9	92	2	30	
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	47.8	96	70 - 122	44.8	90	6	30	
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	46.6	93	61 - 135	47.9	96	3	30	
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	46.8	94	76 - 126	45.0	90	4	30	
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	48.5	97	72 - 121	46.0	92	5	30	
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	46.6	93	72 - 136	44.0	88	6	30	
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	51.2	102	70 - 120	46.8	94	9	30	
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	48.3	97	74 - 125	48.4	97	0	30	
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	48.6	97	71 - 132	48.8	98	0	30	
75-01-4	Vinyl chloride	<5.00	5.00	50.0	45.0	90	68 - 132	42.9	86	5	30	
95-47-6	o-Xylene	<5.00	5.00	50.0	46.8	94	73 - 130	46.3	93	1	30	
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	50.1	100	57 - 121	46.4	93	8	30	
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	50.4	101	70 - 124	47.6	95	6	30	
108-05-4	Vinyl acetate	<5.00	5.00	50.0	51.5	103	54 - 147	55.3	111	7	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	47.6	95	71 - 125	44.7	89	6	30	
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	98.3	98	74 - 128	97.1	97	1	30	
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	48.0	96	71 - 129	49.8	100	4	30	

GC/MS Volatiles Quality Control Summary

Analytical Batch 531550 Prep Batch N/A		Client ID MB531550 GCAL ID 1311944 Sample Type Method Blank Analytical Date 05/02/2014 15:30 Matrix Water			LCS531550 1311945 LCS 05/02/2014 13:34 Water			LCSD531550 1311946 LCSD 05/02/2014 14:22 Water			
EPA 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
1330-20-7	Xylene (total)	<15.0	15.0	150	140	93	74 - 127	138	92	1	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	50.3	101	56 - 132	47.8	96	5	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	46.2	92	77 - 124	45.5	91	2	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	46.6	93	72 - 136	42.9	86	8	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	46.5	93	72 - 131	44.4	89	5	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	50.7	101	74 - 122	48.5	97	4	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	49.4	99	71 - 120	48.4	97	2	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	52.8	106	72 - 127	52.5	105	1	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	48.5	97	75 - 126	48.8	98	1	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	48.7	97	72 - 126	49.6	99	2	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	48.1	96	70 - 136	49.8	100	3	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	50.6	101	74 - 126	49.9	100	1	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	47.8	96	72 - 122	48.2	96	1	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	46.9	94	69 - 134	49.7	99	6	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	51.3	103	71 - 126	50.9	102	1	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	47.3	95	61 - 144	51.7	103	9	30
91-20-3	Naphthalene	<5.00	5.00	50.0	46.9	94	57 - 138	46.0	92	2	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	49.6	99	69 - 129	47.3	95	5	20
71-43-2	Benzene	<5.00	5.00	50.0	49.1	98	70 - 129	47.8	96	3	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	47.0	94	76 - 129	45.0	90	4	20
108-88-3	Toluene	<5.00	5.00	50.0	48.2	96	72 - 120	47.0	94	3	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	45.8	92	74 - 123	44.8	90	2	20
Surrogate											
460-00-4	4-Bromofluorobenzene	48.3	97	50	50.7	101	78 - 130	50.4	101		
1868-53-7	Dibromofluoromethane	49.2	98	50	48.2	96	77 - 127	48.3	97		
2037-26-5	Toluene d8	51.3	103	50	51.2	102	76 - 134	50.2	100		
17060-07-0	1,2-Dichloroethane-d4	50	100	50	47.8	96	71 - 127	47.9	96		



Client ID: 4447 - ENVIRON International Corp

SDG: 214042614



Due Date: 05/02/14

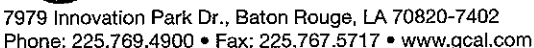
Report to:						Bill to:						Analytical Requests & Method								GCAL use only:			
Client: ENVIRON						Client: ← Same														Custody Seal used ☒ yes ☐ no intact ☒ yes ☐ no			
Address: 1000 Parkwood Circle Ste 310 Atlanta GA 30319						Address:														Temperature °C 5.3 E24			
Contact: Keith Cole						Contact:																	
Phone: 404-354-2950						Phone:																	
E-mail: Kcole@environcorp.com						E-mail:																	
P.O. Number 0721924L				Project Name/Number CCHT, conyers, GA.																☐ Dissolved Analysis Requested ☐ Field filtered ☐ Lab filtered			
Sampled By: Kevin Hado, Heather Thompson																							
Matrix¹	Date	Time (2400)	Comp	Grab	Sample Description	No Con-tainers ↓	HCL										Preservative ←						
GW	4/24	1425		X	MW-010 20140424	3											1						
	4/24	1425			MW-08R 20140424												2						
	4/25	0927			MW-12 20140425												3						
	4/25	0845			MW-14 20140425												4						
	4/24	1745			MW-15 20140424												5						
	4/24	1545			MW-18 20140424												6						
	4/25	1145			MW-19 20140425												7						
	4/25	0935			MW-20 20140425												8						
	4/25	1045			MW-21 20140425												9						
	4/25	0840			MW-23 20140425												10						
	4/24	1745			MW-24 20140424												11						
	4/25	1042			MW-25D 20140425												12						
↓	4/24	1605		↓	MW-26D 20140424	↓	↓										13						
Air Bill No:																							
Turn Around Time (Business Days): ☐ 24h* ☐ 48h* ☐ 3 days* ☐ 1 week* ☒ Standard (Per Contract/Quote)																							
Relinquished by: (Signature) Heather Thompson		Date: 4/25/14		Time: 4:15		Received by: (Signature) Brenda Ruchman		Date: 4/25/14		Time: 4:15		Note: 7986-6325-5218											
Relinquished by: (Signature) Fed Ex		Date: 4/25/14		Time: 0945		Received by: (Signature) Fed Ex		Date: 4/25/14		Time: 0945													
Relinquished by: (Signature) Fed Ex		Date: 4/26/14		Time: 0945		Received by: (Signature) Kleen		Date: 4/26/14		Time: 0945		By submitting these samples, you agree to GCAL's terms and conditions contained in our most recent schedule of services.											

Matrix¹: W = water, S = solid, L = liquid, T = tissue

***Requires prior approval, rush charges may apply.**

We cannot accept verbal changes. Please email written changes to your PM.

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT



Client ID: 4447 - ENVIRON International Corp

SDG: 214042614



Due Date: 05/02/14

[illegible]

Matrix¹: W = water, S = solid, L = liquid, T = tissue

***Requires prior approval, rush charges may apply.**

We cannot accept verbal changes. Please email written changes to your PM.

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT



SAMPLE DELIVERY GROUP 214042614		
Client 4447 - ENVIRON International Corp	Transport Method FEDEX	
Profile Number 229430	Received By Brown, Aaron D.	
Line Item(s) 1 - Waters	Receive Date(s) 04/26/14	
CHECKLIST		
Were all samples received using proper thermal preservation?		YES ☒ NO ☐ NA ☐
When used, were all custody seals intact?		YES ☒ NO ☐ NA ☐
Were all samples received in proper containers?		YES ☒ NO ☐ NA ☐
Were all samples received using proper chemical preservation?		YES ☒ NO ☐ NA ☐
Was preservative added to any container at the lab?		YES ☐ NO ☒ NA ☐
Were all containers received in good condition?		YES ☒ NO ☐ NA ☐
Were all VOA vials received with no head space?		YES ☒ NO ☐ NA ☐
Do all sample labels match the Chain of Custody?		YES ☐ NO ☒ NA ☐
Did the Chain of Custody list the sampling technician?		YES ☒ NO ☐ NA ☐
Was the COC maintained i.e. all signatures, dates and time of receipt included?		YES ☒ NO ☐ NA ☐
COOLERS		
Airbill	Thermometer ID: E24	Temp(°C)
7986 6325 5218		5.3
DISCREPANCIES		LAB PRESERVATIONS
Sample Discrepancy: 21404261417 - DUP-01 (20140424) 21404261418 - DUP-02 (20140425) 21404261419 - TRIP BLANK		None
NOTES		