Solutions-IES
Industrial & Environmental Services

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September 9, 2014

Mr. Kim Caulk, P.G. *Via E-mail: kim.caulk@ncdenr.gov*
Inactive Hazardous Sites Branch – REC Program
NCDENR Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: **Revision – July 2014 Quarterly Status Report (1st Remedial Action Progress Report for Groundwater)**
Eaton Corporation Former Facility
1100 East Preston Street
Selma, NC
NCDENR Site ID No. NONCD 0002853
Solutions-IES Project No. 2013.0014.EATN

Dear Mr. Caulk,

Solutions-IES, Inc. (SIES), on behalf of Eaton Corporation (Eaton), previously submitted the *July 2014 Quarterly Status Report (1st Remedial Action Progress Report)* dated June 30, 2014, for the former Eaton facility located at 1100 East Preston Street in Selma, NC. This *Revision – July 2014 Quarterly Status Report (1st Remedial Action Progress Report)* is meant to replace the previous submittal for the record.

This site was accepted into the Registered Environmental Consultant (REC) program on February 10, 2009. The Remedial Investigation Work Plan (RI WP) dated February 17, 2009, was certified by the Registered Site Manager (RSM) and submitted to NCDENR. Two RI WP amendments were subsequently submitted dated June 25, 2010, and January 4, 2011. The RI Report dated February 8, 2012, was certified by the RSM on February 9, 2012. The Groundwater Remedial Action Plan (RAP) dated June 3, 2013, was certified complete by the RSM on August 13, 2013. The Pre-Construction Report dated September 16, 2013, was certified complete by the RSM on September 17, 2013.

The RAP selected remedy of *in situ* bioremediation was initiated on October 21, 2013, with the injection of a colloidal buffer (CoBupH-Mg) followed by an emulsified vegetable oil (EVO) (EOS XR) into 60 injection wells (Phase 1). The Phase 2 injection of a colloidal buffer (CoBupH-Mg) followed by an emulsified vegetable oil (EOS XR) into the remaining 60 injection wells was conducted between January 20, 2014, and February 14, 2014. Construction Completion Report No. 1 dated January 2014, described injection into one-half of the injection network (Phase 1). The report was certified by the RSM on January 15, 2014. Construction Completion Report No. 2 dated April 2014, described injection into the

second half of the injection network (Phase 2) and included the Construction Completion Certification Work Phase Completion Form (WPC-V) for the site, was certified by the RSM on April 9, 2014. Therefore, this quarterly summary represents the first remedial action progress report for groundwater for the site.

SIES performed the Phase 1 3-month post-injection sampling in January 2014, followed by the Phase 1 6-month/Phase 2 3-month post-injection sampling in April 2014. Bioaugmentation using BAC-9™ was performed in May 2014.

During the sampling events in January and April 2014, nine monitoring wells were sampled. Water levels were first measured using an electronic water level indicator. Each well was then purged using a peristaltic pump. Purging continued at a low flow rate until the field parameters of pH (± 0.1 standard unit), specific conductivity (± 5%), and turbidity (< 10 nephelometric turbidity units) stabilized. Measurements of temperature, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were also recorded.

Groundwater samples were collected directly into laboratory-supplied glassware, packaged, placed on ice in coolers, and delivered under chain-of-custody procedures to Prism Laboratories, Inc. (Prism), a certified North Carolina analytical laboratory for analysis of volatile organic compounds (VOCs) by EPA Method 8260B. A subset of four monitoring wells during the January 2014 event and all nine wells during the April 2014 event was also sampled for natural attenuation parameters including nitrate and sulfate by Method 9056A, ferrous iron by SM3500-Fe D, total iron and manganese by EPA Method 6010, methane, ethane, ethene (MEE) by RSK 175, total organic carbon (TOC) by SM 5310B, and alkalinity by SM2320B. Subsets consisting of two monitoring wells during the January 2014 event and five monitoring wells during the April 2014 event were also sampled for volatile fatty acids (VFAs) by Microseeps in Pittsburgh, PA. A subset of four monitoring wells during the April 2014 event was also sampled for molecular biological tools (MBTs) by Microbial Insights in Knoxville, TN.

Field quality assurance (QA) and quality control (QC) consisted of cross-contamination source reduction, including the use of new gloves at each monitoring well, the use of disposable sampling equipment, and proper decontamination of non-disposable sampling equipment using non-phosphate detergent and rinses.

As part of the laboratory QA/QC for both sampling events, one duplicate sample and trip blanks (one per each cooler used to store/transport site-specific samples designated for aqueous VOC analysis) were submitted for analysis of VOCs. The duplicate sample results correlated with the groundwater samples

from the well it was collected from (MW-2). No constituents were detected above the laboratory method detection limit (MDL) in the trip blank samples.

In May 2014, SIES completed a bioaugmentation event at the site using BAC-9™ culture. A total of 60 liters (L) of BAC-9 was distributed throughout portions of the Phase 1 and Phase 2 injection zones.

Figures 1 and 2 depicting the monitoring well and injection well locations are provided in **Attachment 1**. Data tables are provided in **Attachment 2**. Laboratory reports are provided in **Attachment 3**. Graphs depicting chlorinated volatile organic compound (CVOC) concentrations over time in select monitoring wells are included in **Attachment 4**. As shown in **Tables 6** and **7**, the addition of the colloidal buffer CoBupH-Mg was successful in raising the pH of the aquifer as monitored in the injection wells approximately 90 days post-injection.

The groundwater data indicate that the addition of EVO has contributed to degradation of tetrachloroethene (PCE) and trichloroethene (TCE) into daughter products *cis*-1,2-dichloroethene (*cis*-1,2-DCE) and vinyl chloride (VC) in the Phase 1 injection area (see graphs for MW-2 and MW-16). The impact of EVO addition to the Phase 2 injection area currently shows mixed results, with some degradation observed in MW-8, but not MW-4 or MW-18 (see attached graphs). The pH in MW-4 and MW-18 appears to still be below optimal (6 Standard Units [SU]) for *Dehalococcoides sp.*, and may be limiting the enhancement of degradation of CVOCs. Despite this, implementation of *in situ* bioremediation has thus far been effective in reducing PCE and TCE concentrations in the much of the aquifer where the colloidal buffer and EVO were injected.

Contaminant concentrations in compliance monitoring wells outside of the injection zone remained relatively stable compared with historic sampling events, with a few exceptions (MW-1, MW-5, MW-7, and MW-9). Contaminant concentrations in these wells, as well as all compliance wells, will continue to be evaluated.

The next sampling event (Phase 1 9-month post-injection/Phase 2 6-month post-injection) is scheduled for the end of July 2014. The results of this sampling event will be submitted with the next remedial action progress report that will be submitted by October 8, 2014.

Work is progressing in a manner to achieve the mandatory work phase completion deadlines specified in the Administrative Agreement and 15A NCAC 13C .0302(h). Remediation Party and RSM certifications for this submittal are included in **Attachment 5**.

If you have any questions or need any additional information, please feel free to contact me at (919) 873-1060.

Yours truly,

Solutions-IES, Inc.

Jody Overmyer, P.E., PMP
Project Manager

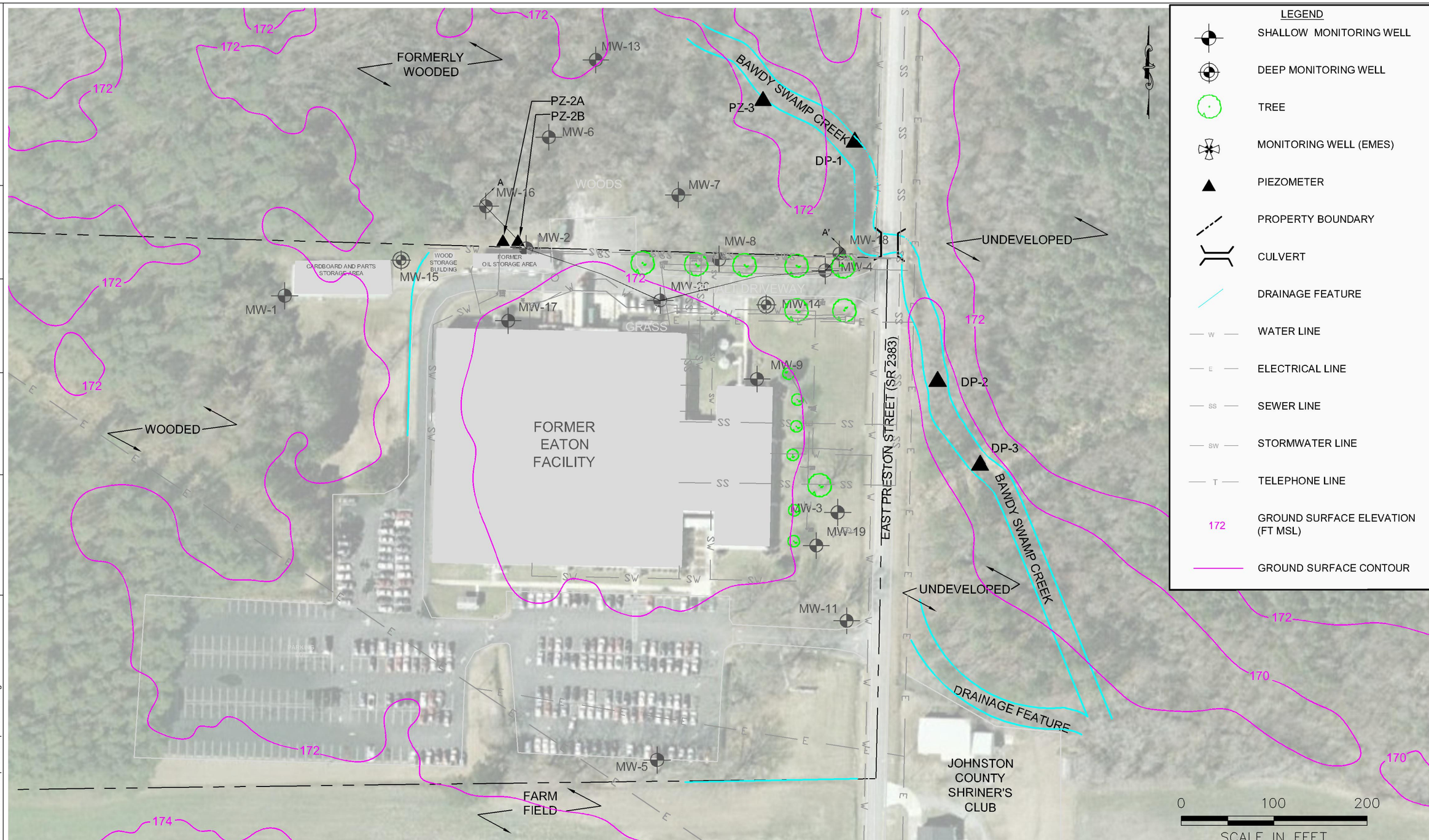
Attachment 1 – Figures
Attachment 2 – Data Tables
Attachment 3 – Laboratory Reports
Attachment 4 – Contaminant Concentration Graphs
Attachment 5 – Certification Statements

cc: Ms. Karen Souza, P.G., Allegheny Environmental Services, Inc.
Mr. Jeffery P. Allen, P.G, Eaton Corporation
Mr. Bill Sharek, Johnston County Industries

ATTACHMENT 1

FIGURES

PROJECT NUMBER 2013.0014.EATON
DRAFTER KTS
CHECKED BY JLO
PROJECT MANAGER JLO
DATE 1/6/2014
FILE Construction Completion Report No. 1.dwg



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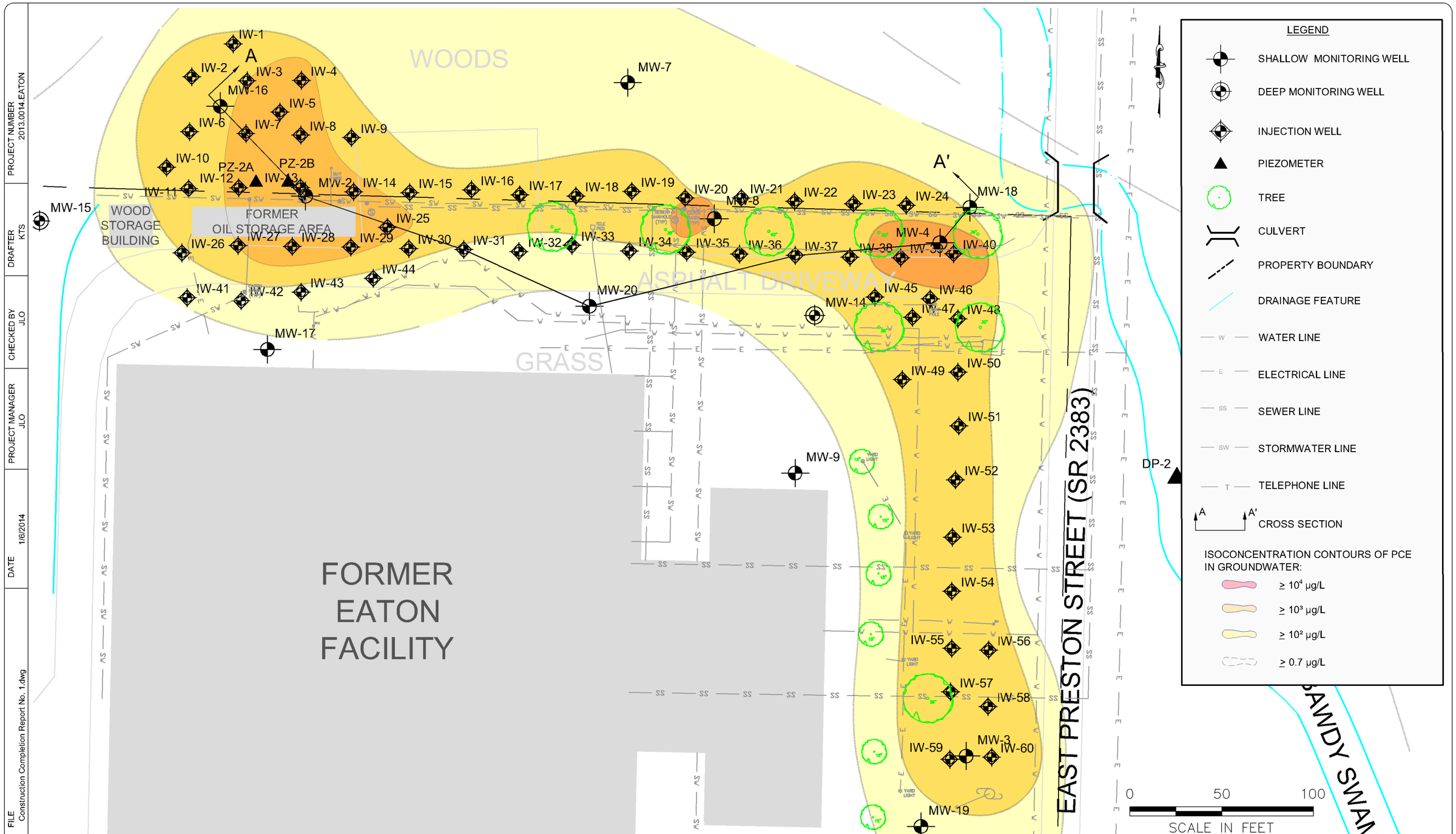
NOTES:
1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008 .
2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008, JULY 2010, & OCTOBER 2013.
3) GROUND SURFACE CONTOUR LINES FROM JOHNSTON COUNTY GIS, 2011.

FORMER EATON FACILITY
1100 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

SITE MAP

FIGURE: 1

J:\Project Files\Eaton Corporation\Eaton Selma\CAD\Current Drawings\Remedial Action\Construction Completion Report No. 1.dwg



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NOTES:
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2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008, JULY 2010, & OCTOBER 2013.
3) INJECTION WELLS ARE IDENTIFIED BY A NUMBER AND ARE LABELED IW-1A/1B, IW-2A/2B, ETC.

FORMER EATON FACILITY
1100 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

INJECTION WELL LAYOUT

FIGURE: 2

ATTACHMENT 2

DATA TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well or Piezometer ID	Ground Surface Elevation (ft msl)	Top of Casing (ft msl)	Screened Interval (ft bgs)	Date	Depth-to-Water (ft btoc)	Groundwater Elevation (ft msl)	Depth-to-Water (ft bgs)
Shallow Monitoring Wells							
MW-1	172.63	172.00	15 - 20	6/18/2008	6.61	165.39	7.24
				7/16/2008	6.60	165.40	7.23
				4/8/2009	1.68	170.32	2.31
				4/22/2009	1.38	170.62	2.01
				7/28/2010	8.53	163.47	9.16
				6/27/2011	8.58	163.42	9.21
				4/27/2012	5.65	166.35	6.28
				10/30/2012	10.18	161.82	10.81
				1/31/2013	7.73	164.27	8.36
				10/1/2013	7.32	164.68	7.95
				1/15/2014	1.58	170.42	2.21
				4/28/2014	1.89	170.11	2.52
MW-2	171.37	171.21	25 - 30	6/18/2008	5.68	165.53	5.84
				7/16/2008	5.65	165.56	5.81
				4/8/2009	0.98	170.23	1.14
				4/22/2009	1.67	169.54	1.83
				7/28/2010	7.45	163.76	7.61
				6/27/2011	7.59	163.62	7.75
				4/27/2012	4.60	166.61	4.76
				10/30/2012	9.21	162.00	9.37
				1/31/2013	6.59	164.62	6.75
				10/1/2013	6.33	164.88	6.49
				1/15/2014	0.90	170.31	1.06
				4/28/2014	1.17	170.04	1.33
MW-3	171.29	171.13	15 - 20	6/18/2008	5.14	165.99	5.30
				7/16/2008	4.91	166.22	5.07
				4/8/2009	1.01	170.12	1.17
				4/22/2009	1.58	169.55	1.74
				7/28/2010	7.15	163.98	7.31
				6/27/2011	7.43	163.70	7.59
				4/27/2012	4.43	166.70	4.59
				10/30/2012	9.20	161.93	9.36
				1/31/2013	6.17	164.96	6.33
				10/1/2013	6.11	165.02	6.27
				1/15/2014	1.05	170.08	1.21
				4/28/2014	1.49	169.64	1.65
MW-4	171.73	171.56	15 - 20	6/18/2008	5.84	165.72	6.01
				7/16/2008	5.88	165.68	6.05
				4/8/2009	1.31	170.25	1.48
				4/22/2009	2.02	169.54	2.19
				7/28/2010	7.66	163.90	7.83
				6/27/2011	7.82	163.74	7.99
				4/27/2012	4.78	166.78	4.95
				10/30/2012	9.48	162.08	9.65
				1/31/2013	6.62	164.94	6.79
				10/1/2013	6.51	165.05	6.68
				1/15/2014	1.30	170.26	1.47
				4/28/2014	1.69	169.87	1.86

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well or Piezometer ID	Ground Surface Elevation (ft msl)	Top of Casing (ft msl)	Screened Interval (ft bgs)	Date	Depth-to-Water (ft btoc)	Groundwater Elevation (ft msl)	Depth-to-Water (ft bgs)
MW-5	171.05	170.42	15 - 20	6/18/2008	4.47	165.95	5.10
				7/16/2008	4.02	166.40	4.65
				4/8/2009	0.4	170.02	1.03
				4/22/2009	1.06	169.36	1.69
				7/28/2010	6.57	163.85	7.20
				6/27/2011	6.93	163.49	7.56
				4/27/2012	4.52	165.90	5.15
				10/30/2012	8.75	161.67	9.38
				1/31/2013	4.86	165.56	5.49
				10/1/2013	5.59	164.83	6.22
				1/15/2014	Above TOC	--	--
				4/28/2014	0.7	169.72	1.33
MW-6	171.06	173.88	20-30	7/28/2010	10.13	163.75	7.31
				6/27/2011	10.26	163.62	7.44
				4/27/2012	7.34	166.54	4.52
				10/30/2012	11.85	162.03	9.03
				1/31/2013	9.25	164.63	6.43
				10/1/2013	NL	--	--
				1/15/2014	3.62	170.26	0.80
MW-7	171.57	174.68	20-30	7/28/2010	10.78	163.90	7.67
				6/27/2011	10.94	163.74	7.83
				4/27/2012	8.00	166.68	4.89
				10/30/2012	12.53	162.15	9.42
				1/31/2013	9.86	164.82	6.75
				10/1/2013	NL	--	--
				1/15/2014	4.37	170.31	1.26
				4/28/2014	4.66	170.02	1.55
MW-8	171.28	171.08	20-30	7/28/2010	7.23	163.85	7.43
				6/27/2011	7.36	163.72	7.56
				4/27/2012	4.34	166.74	4.54
				10/30/2012	8.99	162.09	9.19
				1/31/2013	6.27	164.81	6.47
				10/1/2013	NL	--	--
				1/15/2014	0.82	170.26	1.02
				4/28/2014	1.14	169.94	1.34
MW-9	173.01	172.66	28-38	7/28/2010	9.05	163.61	9.40
				6/27/2011	9.03	163.63	9.38
				4/27/2012	NL	--	--
				10/30/2012	10.72	161.94	11.07
				1/31/2013	8.88	163.78	9.23
				10/1/2013	7.03	165.63	7.38
				1/15/2014	2.55	170.11	2.90
				4/28/2014	2.84	169.82	3.19
MW-11	170.54	170.25	25-35	7/28/2010	6.35	163.90	6.64
				6/27/2011	6.62	163.63	6.91
				4/27/2012	3.70	166.55	3.99
				10/30/2012	8.45	161.80	8.74
				1/31/2013	5.49	164.76	5.78
				10/1/2013	5.37	164.88	5.66
				1/15/2014	0.26	169.99	0.55
				4/28/2014	0.70	169.55	0.99

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Monitoring Well or Piezometer ID	Ground Surface Elevation (ft msl)	Top of Casing (ft msl)	Screened Interval (ft bgs)	Date	Depth-to-Water (ft btoc)	Groundwater Elevation (ft msl)	Depth-to-Water (ft bgs)
MW-13	171.49	173.94	21-31	6/27/2011	10.32	163.62	7.87
				4/27/2012	7.40	166.54	4.95
				1/31/2013	9.26	164.68	6.81
				10/1/2013	9.06	164.88	6.61
				1/15/2014	3.75	170.19	1.30
				4/28/2014	4.04	169.90	1.59
MW-16	171.71	174.78	15-25	10/1/2013	9.90	164.88	6.83
				1/15/2014	4.47	170.31	1.40
				4/28/2014	4.75	170.03	1.68
MW-17	172.41	172.19	15-25	10/1/2013	7.37	164.82	7.59
				1/15/2014	1.94	170.25	2.16
				4/28/2014	2.24	169.95	2.46
MW-18	172.01	171.43	15-25	10/1/2013	6.36	165.07	6.94
				1/15/2014	1.12	170.31	1.70
				4/28/2014	1.52	169.91	2.10
MW-19	171.39	171.19	15-25	10/1/2013	6.22	164.97	6.42
				1/15/2014	1.10	170.09	1.30
				4/28/2014	1.55	169.64	1.75
MW-20	172.32	172.10	15-25	10/1/2013	7.12	164.98	7.34
				1/15/2014	1.86	170.24	2.08
				4/28/2014	2.15	169.95	2.37
Deep Monitoring Wells							
MW-14	171.71	171.45	47-57	6/27/2011	7.53	163.92	7.79
				4/27/2012	4.56	166.89	4.82
				10/30/2012	9.22	162.23	9.48
				1/31/2013	6.39	165.06	6.65
				10/1/2013	5.80	165.65	6.06
				1/15/2014	3.81	167.64	4.07
				4/28/2014	0.75	170.70	1.01
MW-15	171.69	171.49	46-56	6/27/2011	8.00	163.49	8.20
				4/27/2012	5.19	166.30	5.39
				10/30/2012	9.47	162.02	9.67
				1/31/2013	7.16	164.33	7.36
				10/1/2013	6.77	164.72	6.97
				1/15/2014	2.12	169.37	2.32
				4/28/2014	1.70	169.79	1.90
Piezometers							
DP-1	167.61	171.01	4-5	7/28/2010	DRY	<162.61	--
				6/27/2011	DRY	<162.61	--
				4/27/2012	2.95	168.06	-0.45
				10/30/2012	2.95	168.06	-0.45
				1/31/2013	4.53	166.48	1.13
				10/1/2013	2.96	168.05	-0.44
				1/15/2014	2.46	168.55	-0.94
				4/28/2014	1.47	169.54	-1.93

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
FORMER EATON CORPORATION
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Monitoring Well or Piezometer ID	Ground Surface Elevation (ft msl)	Top of Casing (ft msl)	Screened Interval (ft bgs)	Date	Depth-to-Water (ft btoc)	Groundwater Elevation (ft msl)	Depth-to-Water (ft bgs)
DP-2	167.34	170.59	4-5	7/28/2010	DRY	<162.34	--
				6/27/2011	DRY	<162.34	--
				4/27/2012	2.93	167.66	-0.32
				10/30/2012	2.82	167.77	-0.43
				1/31/2013	2.93	167.66	-0.32
				10/1/2013	2.49	168.10	-0.76
				1/15/2014	2.49	168.10	-0.76
				4/28/2014	2.35	168.24	-0.90
DP-3	167.21	170.51	4-5	7/28/2010	DRY	<162.21	--
				6/27/2011	DRY	<162.21	--
				4/27/2012	2.50	168.01	-0.80
				10/30/2012	2.94	167.57	-0.36
				1/31/2013	3.56	166.95	0.26
				10/1/2013	0.50	170.01	-2.80
				1/15/2014	0.95	169.56	-2.35
				4/28/2014	0.35	170.16	-2.95
PZ-2A[1]	NS	172.84	13.5-14.5	4/22/2009	2.69	170.15	--
				6/27/2011	9.14	163.70	--
				10/30/2012	10.62	162.22	--
				1/31/2013	8.07	164.77	--
				10/1/2013	6.08	166.76	--
				1/15/2014	1.59	171.25	--
				4/28/2014	1.13	171.71	--
PZ-2B[1]	NS	172.81	5.5-6.5	4/22/2009	4.75	168.06	--
				6/27/2011	DRY	DRY	--
				10/1/2013	2.55	170.26	--
				1/15/2014	0.60	172.21	--
				4/28/2014	0.48	172.33	--
PZ-3[1]	NS	170.01	7.5-8.5	4/22/2009	0.64	169.37	--
				6/27/2011	1.0	169.01	--
				10/1/2013	4.40	165.61	--
				1/15/2014	Above TOC	>170.01	--
				4/28/2014	0.05	169.96	--

Notes:
ft msl = feet mean sea level (NAVD 1988)
ft bgs = feet below ground surface
ft btoc = feet below top of casing
-- = Not calculated
NL = Well not located
1. Piezometer elevations were measured from nearby monitoring wells and are approximate.
NS = Not surveyed

TABLE 2
SUMMARY OF FIELD PARAMETERS IN PERMANENT MONITORING WELLS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well ID	Date Sampled	Days Post Injection	pH (SU)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	DO (mg/L)
Phase 1 Injection Shallow Monitoring Wells								
MW-2	6/18/2008	--	5.6	177	23.4	32	46	NM
	4/7/2012	--	6.4	139	16.5	31	NM	NM
	7/28/2010	--	6.0	94	29.2	7	61	0.3
	10/2/2013	--	5.4	76	20.0	33	42	0.2
	10/31/2013	INJECTION						
	1/16/2014	77	5.3	886	11.5	33	-479	0.2
	4/28/2014	179	5.7	1,276	18.5	12	-42	0.2
MW-16	10/2/2013	--	4.5	1,262	17.7	8	117	0.2
	10/31/2013	INJECTION						
	1/16/2014	77	5.8	723	13.0	5	-81	0.3
	4/28/2014	179	6.0	1,019	16.7	5	-21	0.3
Phase 2 Injection Shallow Monitoring Wells								
MW-3	6/18/2008	--	3.6	1,287	19.5	11	205	NM
	7/29/2010	--	3.2	4,506	20.8	4	192	0.9
	10/2/2013	--	3.5	4,146	21.6	6	285	0.2
	2/14/2014	INJECTION						
MW-4	6/18/2008	--	3.9	1,201	19.4	20	168	NM
	7/28/2010	--	3.5	2,881	19.2	19	214	0.7
	10/30/2012	--	3.5	3,420	18.6	2	413	3.0
	1/31/2013	--	3.6	4,297	16.7	5	401	0.6
	10/2/2013	--	3.2	4,246	19.7	4	202	0.5
	1/15/2014	--	3.5	4,536	16.3	41	405	0.7
	2/14/2014	INJECTION						
	4/28/2014	73	4.3	4,026	15.3	8	186	0.5
MW-8	7/28/2010	--	5.6	160	20.7	20	121	0.3
	10/30/2012	--	3.9	416	17.7	14	305	2.0
	1/31/2013	--	4.0	1,418	15.6	12	352	0.6
	10/2/2013	--	4.2	1,170	19.8	7	122	0.2
	1/15/2014	--	4.2	1,316	16.2	50	366	0.5
	2/14/2014	INJECTION						
	4/29/2014	74	5.6	613	16.0	658	-58	0.2
MW-18	10/2/2013	--	3.3	3,323	19.9	5	201	0.9
	1/15/2014	--	3.6	4,085	14.9	7	398	0.9
	2/14/2014	INJECTION						
	4/28/2014	73	4.1	3,846	15.9	67	215	0.5
Compliance Shallow Monitoring Wells								
MW-1	6/18/2008	--	5.0	126	19.3	44	81	NM
	7/29/2010	--	3.8	39	21.3	8	79	1.0
	10/2/2013	--	5.0	80	19.6	0.5	200	0.2
MW-5	6/18/2008	--	6.5	231	19.2	11	165	NM
	7/29/2010	--	10.3	254	21.1	171	29	2.8
	10/2/2013	--	12.2	3,107	20.6	33	-55	2.5
MW-6	7/28/2010	--	6.1	123	21.9	107	79	0.2
MW-7	7/28/2010	--	6.1	179	20.5	27	46	0.4
	1/16/2014	--	5.1	234	12.4	2	67	2.1
	4/29/2014	--	5.1	337	15.0	9	127	0.9

TABLE 2
SUMMARY OF FIELD PARAMETERS IN PERMANENT MONITORING WELLS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well ID	Date Sampled	Days Post Injection	pH (SU)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)	Oxidation-Reduction Potential (mV)	DO (mg/L)
MW-9	7/28/2010	--	5.0	72	22.5	84	10	0.5
	10/1/2013	--	4.8	61	20.0	62	28	0.2
	1/15/2014	--	5.4	98	16.3	194	-21	0.6
	4/29/2014	--	5.8	136	17.1	8	-1	0.3
MW-11	7/29/2010	--	6.4	278	23.1	84	40	0.2
	10/2/2013	--	6.1	141	23.3	29	42	0.2
MW-13	6/27/2011	--	6.0	132	20.1	88	-94	0.4
	10/1/2013	--	4.5	61	17.9	15	57	1.0
MW-17	10/2/2013	--	4.4	1,256	21.0	9	269	0.7
MW-19	10/2/2013	--	3.6	4,270	19.9	9	315	0.4
	1/15/2017	--	3.6	4,286	14.9	26	138	0.5
	4/28/2014	--	4.0	1,108	17.5	31	193	0.4
MW-20	10/1/2013	--	4.0	1,853	23.0	4	220	0.3
	1/16/2014	--	4.1	1,633	14.9	7	391	0.4
	4/29/2014	--	5.4	1,102	16.7	20	-32	0.3
Compliance Deep Monitoring Wells								
MW-14	6/27/2011	--	6.5	238	23.2	240	71	0.5
	10/1/2013	--	9.5	403	22.4	9	-7	0.1
MW-15	6/27/2011	--	11.0	622	22.7	12	-68	0.2
	10/2/2013	--	7.3	259	23.4	16	-121	0.3

Notes:
SU = Standard Units
µS/cm = MicroSiemens per centimeter
°C = Degrees Celsius
NTU = Nephelometric Turbidity Units
mV = Millivolts
mg/L = milligrams per liter
NM = not measured

TABLE 3
SUMMARY OF NATURAL ATTENUATION PARAMETERS
FORMER EATON CORPORATION FACILITY
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Well ID	Date	Days Post Injection	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Nitrate-N (mg/L)	Fe2+ (mg/L)	Iron (mg/L)	Magnesium (mg/L)	TOC (mg/L)	Alkalinity (mg/L)
NC 2L Standard			**NE**	**NE**	**NE**	**250**	**NE**	**10**	**NE**	**0.3**	**NE**	**NE**	**NE**
Phase 1 Injection Shallow Monitoring Wells													
MW-2	10/2/2013	--	**0.818 J**	<0.087	**0.525 J**	**2.7**	NA	**0.66**	**0.44**	**1.3**	**0.80**	**0.33 J**	**21**
	10/31/2013	INJECTION											
	1/16/2014	77	**7.26**	**1.88**	**0.535 J**	<0.13	NA	<0.016	**100**	**91**	**18**	**261**	**350**
	4/28/2014	179	**1,110**	**2.27**	**0.795 J**	<0.13	<0.45	**0.17**	**220**	**220**	**22**	**731**	**450**
MW-16	10/2/2013	--	**7.6**	**0.113 J**	**0.235 J**	**610**	NA	**7.9**	<0.020	**0.24**	**33**	**4.2**	<0.59
	10/31/2013	INJECTION											
	1/16/2014	77	**1.97 J**	**0.269 J**	**0.241 J**	**2.50**	NA	<0.016	**64**	**62**	**13**	**244**	**240**
	4/28/2014	179	**12.4**	**0.212 J**	**0.493 J**	**1.6**	<0.45	**0.27**	**110**	**120**	**20**	**289**	**460**
Phase 2 Injection Shallow Monitoring Wells													
MW-3	10/2/2013	--	**27.9**	<0.087	<0.071	**3,100**	NA	**38**	<0.020	**0.33**	**67**	**7.7**	<0.59
	2/14/2014	INJECTION											
MW-4	10/2/2013	--	**7.78**	<0.087	<0.071	**3,600**	NA	**30**	<0.020	**0.12**	**93**	**14.5**	<0.59
	2/14/2014	INJECTION											
	4/28/2014	73	**7.08**	<0.087	<0.071	**3,300**	<0.45	**9.1**	<0.039	**0.21**	**95**	**47.4**	<0.77
MW-8	10/2/2013	--	**5.54**	<0.087	<0.071	**600**	NA	**3.0**	**0.59**	**0.81**	**28**	**3.5**	<0.59
	2/14/2014	INJECTION											
	4/29/2014	74	**5.54**	**0.553 J**	**0.715 J**	<0.13	**2.7**	<0.046 A	**68**	**76**	**10**	**275**	**190**
MW-18	10/2/2013	--	**20.3**	**2.38**	**10.1**	**2,500**	NA	**17**	**2.0**	**3.5**	**80**	**36**	<0.59
	2/14/2014	INJECTION											
	4/28/2014	73	**6.59**	**0.168 J**	**0.431 J**	**3,200**	<0.45	**24 Aa, DH**	**0.20**	**0.76**	**85**	**40.3**	<0.77
Compliance Shallow Monitoring Wells													
MW-1	10/2/2013	--	**33.4**	<0.087	<0.071	<0.13	NA	**0.28**	<0.020	<0.026	**0.66**	**2**	**5.4**
MW-5	10/2/2013	--	**4.69 J**	<0.087	<0.071	**2,800**	NA	**29**	<0.020	**0.12**	**83**	**7.7**	<0.59
MW-7	1/16/2014	--	<0.435	<0.087	<0.071	**63**	NA	**2.4**	<0.039	**0.063**	**3.5**	**0.70 J**	**6**
	4/29/2014		<0.435	<0.087	<0.071	**70**	<0.45	**2.7 A**	<0.039	**0.41**	**3.7**	**1.6**	**7.0**
MW-9	10/1/2013	--	**0.948 J**	<0.087	<0.071	**1.6**	NA	**<0.016**	**2.0**	**3.7**	**0.60**	**1.1**	**11**
	4/29/2014	--	<0.435	<0.087	<0.071	**33.0**	<0.45	**0.79 A**	<0.039	**0.35**	**1.0**	**0.75 J**	**12**
MW-11	10/2/2013	--	**1.2 J**	<0.087	<0.071	**14**	NA	<0.016	**1.6**	**3.1**	**2.2**	**1.20**	**50**
MW-13	10/1/2013	--	**8.92**	<0.087	<0.071	**4.5**	NA	**0.52**	<0.020	**0.46**	**0.61**	**1**	**22**
MW-14	10/1/2013	--	**6.98**	<0.087	**1.15**	**14**	NA	**0.11**	<0.020	**2.4**	**1.9**	**1.9**	**170**
MW-15	10/2/2013	--	**16.2**	**0.373 J**	**0.852 J**	**5.8**	NA	**0.12**	<0.020	**1.2**	**2.4**	<0.3	**140**
MW-17	10/2/2013	--	**10.7**	**0.166 J**	<0.071	**680**	NA	**8.7**	<0.020	**0.14**	**37**	**3.2**	<0.59
MW-19	10/2/2013	--	**29.1**	<0.087	**0.361 J**	**3,300**	NA	**39**	<0.020	**0.55**	**70**	**7.7**	<0.59
	4/28/2014	--	**2.60**	<0.087	<0.071	**710**	<0.45	**15 Aa, DH**	<0.039	**0.33**	**22**	**11.0**	<0.77
MW-20	10/1/2013	--	**10.5**	<0.087	<0.071	**1,000**	NA	**10**	<0.020	**0.19**	**43**	**4.3**	<0.59
	1/16/2014	--	**11.3**	<0.087	<0.071	**870**	NA	**8.7**	<0.039	**0.25**	**40**	**5.9**	<0.77
	4/29/2014	--	**6.83**	<0.087	<0.071	**570**	**3.2**	<0.10 A	**3.4**	**0.97**	**6.2**	**30.4**	<0.77

Notes:
µg/L = micrograms per liter
mg/L = milligrams per liter
NE = Not established
Bolded values indicate concentration greater than the laboratory reporting limit.
J = Indicates the result is between the MDL and RDL
Shaded cells are concentrations in excess of the NC 2L Standard.

TABLE 4
SUMMARY OF ANALYTICAL LABORATORY DATA FOR VOCS IN PERMANENT MONITORING WELLS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well ID	Date Sampled	Days Post Injection	VOCs by EPA Method 8260 (µg/L)												
			PCE	TCE	cis-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Carbon tetrachloride	1,1,2-TCA	1,2-DCA	Benzene	1,2-Dichlorobenzene	Dibromochloromethane
COC Category			P	P	DP	DP	S	P	S	S	S	S	S	S	S
NC 2L Standard			0.7	3	70	0.03	200	350	6	0.3	NE	0.4	1	20	0.4
Phase 1 Injection Shallow Monitoring Wells															
MW-2	6/18/2008	--	8,820	1,080	4.4	<0.62	6.5	1,780	7.0	6.6	1.8	<0.12	1.2	102	<0.21
	4/7/2009	--	7,140	879	100	<6.2	<4.8	910	<3.2	<2.5	<2.9	<1.2	<2.5	<3.0	<2.1
	7/28/2010	--	5,150	624	<320	<320	<320	838	<320	<320	<320	<320	<320	<320	<320
	10/2/2013	--	6,300	570	<7.6	<16	<6.3	700	<9.6	<12	<17	<14	<7.2	<7.6	<30
	10/31/2013	INJECTION													
	1/16/2014	77	37	36	1,900	<3.1	<1.3	240	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0
	4/28/2014	179	29	25	1,900	43	<1.3	280	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0
MW-16	10/2/2013	--	3,300	310	<3.8	<7.8	92	690	<4.8	<5.9	<8.3	<7.0	<3.6	<3.8	<15
	10/31/2013	INJECTION													
	1/16/2014	77	<6.9	18,000	680	<16	<6.3	830	<9.6	<12	<17	<14	<7.2	<7.6	<30
	4/28/2014	179	<3.4	740	9,400	<7.8	<3.1	780	28	<5.9	<8.3	<7.0	<3.6	<3.8	<15
Phase 2 Injection Shallow Monitoring Wells															
MW-3	6/18/2008	--	573	2.8	<0.19	<0.62	3.1	13.9	<0.32	<0.25	< 0.29	<0.12	<0.25	<0.30	<0.21
	7/29/2010	--	1,630	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0	<80.0
	10/2/2013	--	1,800	<0.27	<0.38	<0.78	18	24	<0.48	<0.59	<0.83	<0.70	3.5	<0.38	<1.5
	2/14/2014	INJECTION													
MW-4	6/18/2008	--	2,320	1,030	1.0	<0.62	47.6	553	6.3	<0.25	1.1	<0.12	<0.25	<0.30	<0.21
	7/28/2010	--	18,200	3,460	<1,250	<1,250	6,560	3,230	<1,250	<1,250	<1,250	<1,250	<1,250	<1,250	<1,250
	10/30/2012	--	25,800	3,380	<4.48	<9.65	8,940	3,140	7.00 J	<4.23	<5.40	<3.48	<3.90	15.0 J	<12.8
	1/31/2013	--	37,000	4,200	<38	<78	14,000	4,500	<48	<59	<83	<70	<36	<38	<150
	10/2/2013	--	30,000	4,800	<7.6	<16	7,600	3,600	<9.6	<12	<17	<14	<7.2	<7.6	<30
	1/15/2014	--	22,000	5,200	<3.8	<7.8	7,700	4,000	<4.8	<5.9	<8.3	<7.0	<3.6	<3.8	<15
	2/14/2014	INJECTION													
	4/28/2014	73	29,000	5,300	<3.8	<7.8	5,600	3,700	<4.8	<5.9	<8.3	<7.0	<3.6	<3.8	<15
MW-8	7/28/2010	--	974	<50.0	<50.0	<50.0	102	132	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
	10/30/2012	--	874	58.2	1.72	<0.386	45.9	128	5.15	<0.169	<0.216	<0.139	<0.156	0.430 J	<0.173
	1/31/2013	--	2,100	150	<1.5	<3.1	200	400	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0
	10/2/2013	--	2,200	120	<0.38	<0.78	120	260	3.6	<0.59	<0.83	<0.70	<0.36	<0.38	<1.5
	1/15/2014	--	1,900	130	2.6	<0.78	130	340	3.0	4.0	<0.83	<0.70	<0.36	<0.38	<1.5
	2/14/2014	INJECTION													
	4/29/2014	74	65	13	5.8	<0.78	3.4	60	8.6	<0.59	<0.83	<0.70	<0.36	<0.38	<1.5

TABLE 4
SUMMARY OF ANALYTICAL LABORATORY DATA FOR VOCS IN PERMANENT MONITORING WELLS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well ID	Date Sampled	Days Post Injection	VOCs by EPA Method 8260 (µg/L)												
			PCE	TCE	cis-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Carbon tetrachloride	1,1,2-TCA	1,2-DCA	Benzene	1,2-Dichlorobenzene	Dibromochloromethane
COC Category			P	P	DP	DP	S	P	S	S	S	S	S	S	S
NC 2L Standard			0.7	3	70	0.03	200	350	6	0.3	NE	0.4	1	20	0.4
MW-18	10/2/2013	--	**110,000**	**22,000**	**380**	<31	**37,000**	**17,000**	**300**	<24	<33	<28	<14	<15	<60
	1/15/2014	--	**50,000**	**6,000**	<15	<31	**21,000**	**7,400**	<19	<24	<33	<28	<14	<15	<60
	2/14/2014	INJECTION													
	4/28/2014	73	**66,000**	**14,000**	<15	<31	**20,000**	**14,000**	**110**	<24	<33	<28	<14	<15	<60
Compliance Shallow Monitoring Wells															
MW-1	6/18/2008	--	**1.2**	<0.47	<0.19	<0.62	<0.48	<0.56	<0.32	<0.25	<0.29	<0.12	**2.8**	<0.30	<0.21
	7/29/2010	--	**2.15**	<1.00	**7.02**	<1.00	<1.00	<1.00	**4.58**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	10/2/2013	--	**3,500**	**200**	**120**	<16	<6.3	**400**	<9.6	<12	<17	<14	<7.2	<7.6	<30
MW-5	6/18/2008	--	<0.46	< 0.47	<0.19	<0.62	< 0.48	<0.56	<0.32	<0.25	< 0.29	<0.12	<0.25	<0.30	<0.21
	7/29/2010	--	**1.53**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	10/2/2013	--	**210**	<0.054	<0.076	<0.16	**1.2**	**4.0**	<0.096	<0.12	<0.17	<0.14	**2.4**	<0.076	<0.30
MW-6	7/28/2010	--	**244**	**14.2**	<10.0	<10.0	<10.0	**24.7**	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
MW-7	7/28/2010	--	**273**	**29.6**	<16.0	<16.0	<16.0	**52.3**	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
	1/16/2014	--	**1,600**	**140**	<7.6	<16	**120**	**390**	<9.6	<12	<17	<14	<7.2	<7.6	<30
	4/29/2014	--	**1,500**	**130**	<1.5	<3.1	**110**	**370**	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0
MW-9	7/28/2010	--	**3.62**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	10/1/2013	--	**14**	**0.55**	<0.076	<0.16	<0.063	**1.3**	<0.096	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30
	1/15/2014	--	**140**	**3.4**	<0.076	<0.16	**1.6**	**11**	<0.096	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30
	4/29/2014	--	**220**	**5.5**	<0.076	<0.16	**2.9**	**17**	**0.68**	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30
MW-11	7/29/2010	--	**2.01**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	10/2/2013	--	<0.069	<0.054	<0.076	<0.16	<0.063	<0.078	<0.096	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30
MW-13	6/27/2011	--	**6.20**	**1.60**	<0.136	<0.124	**0.170 J**	**2.88**	<0.165	<0.101	<0.126	<0.167	<0.113	<0.137	<0.134
	10/1/2013	--	**48**	**18**	<0.076	<0.16	**1.2**	**33**	<0.096	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30
MW-17	10/2/2013	--	**2,100**	**350**	**32**	<7.8	**250**	**370**	<4.8	<5.9	<8.3	<7.0	<3.6	<3.8	<15
MW-19	10/2/2013	--	**100**	<0.054	<0.076	<0.16	**0.73**	**3.6**	<0.096	<0.12	<0.17	<0.14	**3.7**	<0.076	<0.30
	1/15/2014	--	**800**	<0.054	**0.61**	<0.16	**11**	**15**	**0.72**	<0.12	<0.17	<0.14	**4.5**	<0.076	<0.30
	4/28/2014	--	**130**	**0.75**	<0.076	<0.16	<0.063	**14**	**1.1**	<0.12	<0.17	<0.14	**0.98**	<0.076	<0.30
MW-20	10/1/2013	--	**1,400**	**76**	<1.5	<3.1	**160**	**160**	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0
	1/16/2014	--	**1,200**	**56**	<1.5	<3.1	**57**	**150**	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0
	4/29/2014	--	**1,300**	**78**	<1.5	<3.1	**55**	**200**	<1.9	<2.4	<3.3	<2.8	<1.4	<1.5	<6.0

TABLE 4
SUMMARY OF ANALYTICAL LABORATORY DATA FOR VOCS IN PERMANENT MONITORING WELLS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Monitoring Well ID	Date Sampled	Days Post Injection	VOCs by EPA Method 8260 (µg/L)												
			PCE	TCE	cis-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Carbon tetrachloride	1,1,2-TCA	1,2-DCA	Benzene	1,2-Dichlorobenzene	Dibromochloromethane
COC Category			**P**	**P**	**DP**	**DP**	**S**	**P**	**S**	**S**	**S**	**S**	**S**	**S**	**S**
NC 2L Standard			**0.7**	**3**	**70**	**0.03**	**200**	**350**	**6**	**0.3**	**NE**	**0.4**	**1**	**20**	**0.4**
Compliance Deep Monitoring Wells															
MW-14	6/27/2011	--	**0.230 J**	<0.125	<0.136	<0.124	<0.123	<0.212	<0.165	<0.101	<0.126	<0.167	<0.113	<0.137	**0.640 J**
	10/1/2013	--	<0.069	<0.054	<0.076	<0.16	<0.063	<0.078	<0.096	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30
MW-15	6/27/2011	--	**0.440 J**	<0.125	<0.136	<0.124	<0.123	<0.212	<0.165	<0.101	<0.126	<0.167	<0.113	<0.137	<0.134
	10/2/2013	--	<0.069	<0.054	<0.076	<0.16	<0.063	<0.078	<0.096	<0.12	<0.17	<0.14	<0.072	<0.076	<0.30

Notes:
P = Primary contaminant of concern
DP = CVOC Degradation Daughter Product
S = Secondary contaminant of concern
NE = not established
Bolded values indicate concentration greater than the laboratory reporting limit.
Shaded cells are concentrations in excess of the NC 2L Standard or a detection if no NC 2L Standard is estbalished.
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

TABLE 5
SUMMARY OF MBT AND VFA DATA
FORMER EATON CORPORATION FACILITY
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

Well ID	Sample Date	Days Post Injection	MBT by CENSUS (cells/mL)				VFA by Method AM23G (mg/L)										
			DHC	TCE Reductase	BVC Reductase	VC Reductase	Lactic Acid	Acetic Acid	Propionic Acid	Formic Acid	Butyric Acid	Pyruvic Acid	i-Pentanoic Acid	Pentanoic Acid	i-Hexanoic Acid	Hexanoic Acid	Total
Phase 1 Injection Shallow Monitoring Wells																	
MW-2	10/2/2013	--	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01	**0.79**	**0.069 J**	**0.020 J**	**0.082 J**	**0.036 J**	**0.070 J**	<0.15	**0.075**	<0.10	<0.50	**1.14**
	10/31/2013	INJECTION															
	1/16/2014	77	NA	NA	NA	NA	**3.2 J**	**370**	**360**	**6.2**	**49**	**6.6**	**2.0**	**30**	<0.10	**3.2**	**830**
	4/28/2014	102	**2.00E-01 J**	<3.00E-01	<3.00E-01	<3.00E-01	**3.1 J**	**460**	**330**	**15**	**37**	**56**	<15	**33**	<10	<50	**934**
MW-16	10/2/2013	--	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01	<0.10	**0.095**	**0.025 J**	**0.10**	**0.040 J**	<0.15	<0.15	**0.16**	<0.10	<0.50	**0.42**
	10/31/2013	INJECTION															
	1/16/2014	77	NA	NA	NA	NA	**0.18 J**	**220**	**62**	**3.0**	**4.6**	**0.26**	**0.24**	**0.95**	<0.10	**0.38 J**	**292**
	4/28/2014	102	**3.00E-01 J**	<3.00E-01	<3.00E-01	<3.00E-01	**5.9 J**	**230**	**190**	**11**	**16**	**9.0**	**1.4 J**	**7.0**	<1.0	<5.0	**470**
Phase 2 Injection Shallow Monitoring Wells																	
MW-4	10/2/2013	--	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01	**3.6**	**0.51 J**	<0.50	**0.77 J**	<0.50	<1.5	<1.5	<0.70	<1.0	<5.0	**4.88**
	2/14/2014	INJECTION															
	4/28/2014	73	<3.00E-01	<3.00E-01	<3.00E-01	<3.00E-01	<1.0	**2.0**	**0.37 J**	**0.58 J**	<0.50	<1.5	<1.5	<0.70	<1.0	<5.0	**2.95**
MW-18	10/2/2013	--	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01	**1.8**	**13**	**0.36**	**0.27**	**0.11**	**0.10 J**	<0.15	**0.19**	<0.10	<0.50	**15.8**
	2/14/2014	INJECTION															
	4/28/2014	73	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01	<1.0	**3.3**	**0.61**	**0.76 J**	**0.40 J**	**0.57 J**	**0.64 J**	<0.70	<1.0	<5.0	**6.28**
Compliance Shallow Monitoring Wells																	
MW-19	10/3/2013	--	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01	**3.6**	**0.47 J**	<0.50	**1.3**	<0.50	<1.5	<1.5	<0.70	<1.0	<5.0	**5.37**
	4/28/2014	--	NA	NA	NA	NA	**0.093 J**	**0.051 J**	<0.050	**0.094 J**	<0.050	<0.15	<0.15	<0.070	<0.10	<0.50	**0.24**

Notes:
J = Estimated concentration greater than the set method detection limit and less than the set reporting limit.
NA = Not analyzed

TABLE 6
PHASE 1 pH AND ORP MEASUREMENTS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

IW ID	Start of Phase 1		End of Phase 1		30 Day		60 Day		90 Day	
	Date:	10/22/2013	Date:	10/31/2013	Date:	11/26/2013	Date:	12/30/2013	Date:	2/7/2014
	pH	ORP	pH	ORP	pH	ORP	pH	ORP	pH	ORP
GROUP A ZONE A										
IW-5A	4.5	103	8.2	86	6.9	-149	7.4	-106	6.9	-10
IW-11A	5.5	69	9.1	85	7.5	-160	7.0	-83	6.3	-49
IW-14A	5.9	35	--	--	6.9	-157	7.9	-98	6.3	-35
IW-27A	5.9	74	8.6	59	6.5	-59	8.3	-199	8.4	-44
IW-30A	4.6	111	9.4	30	9.6	-142	8.9	-227	6.2	-55
GROUP A ZONE B										
IW-5B	6.2	71	9.2	69	6.2	-127	8.1	-44	5.5	-82
IW-11B	6.1	38	9.2	85	6.4	-112	7.3	-48	6.0	-66
IW-14B	6.1	-270	--	--	7.0	-173	8.8	51	5.6	-323
IW-27B	6.9	45	9.3	64	6.0	-110	7.0	-12	5.6	-11
IW-30B	6.1	78	9.8	23	5.6	-87	5.6	10	5.1	-59
GROUP B ZONE A										
IW-2A	6.1	96	7.9	113	7.4	-153	6.8	-58	6.1	166
IW-9A	5.2	90	8.3	83	5.6	-119	6.3	-62	6.1	-64
IW-18A	4.0	138	9.4	89	8.2	-108	7.5	-185	6.0	-2
IW-25A	4.6	127	9.5	93	7.2	-169	6.9	-94	6.2	-93
IW-42A*	5.0	102	9.5	62	7.8	-210	9.8	-133	8.0	37
GROUP B ZONE B										
IW-2B	5.6	73	8.3	170	7.0	-121	8.1	-81	6.2	-65
IW-9B	6.4	60	8.5	105	6.4	-136	6.7	-83	6.1	-89
IW-18B	6.4	75	9.7	99	6.4	-119	8.9	-126	6.0	69
IW-25B	6.2	75	9.2	114	6.3	-143	6.7	-59	6.1	-96
IW-42B	12.0	21	9.3	103	6.3	-103	6.9	-46	5.8	-64

Note:
-- Readings could not be collected.
90 day pH/ORP readings collected on 2/10/14.

TABLE 7
PHASE 2 pH AND ORP MEASUREMENTS
FORMER EATON CORPORATION
1100 EAST PRESTON STREET, SELMA, NORTH CAROLINA

IW ID	Start of Phase 1		End of Phase 1		30 Day		60 Day		90 Day	
	Date:	1/20/2014	Date:	2/10/2014	Date:	3/5/2014	Date:	4/8/2014	Date:	
	pH	ORP	pH	ORP	pH	ORP	pH	ORP	pH	ORP
GROUP A ZONE A										
IW-24A	3.8	324	9.2	-377	8.6	-412	9.6	-431	9.6	-392
IW-39A	3.5	352	--	--	8.1	-138	9.1	-239	9.2	-400
IW-40A	3.4	356	--	--	8.8	-365	9.6	-225	9.6	-420
IW-53A	4.1	338	--	--	8.6	-264	8.8	-336	7.8	-423
IW-59A	3.4	359	--	--	8.2	-81	9.0	-214	8.2	-455
GROUP A ZONE B										
IW-24B	6.1	250	8.9	-53	6.8	-402	6.5	-360	6.7	-287
IW-39B	3.9	336	8.5	-130	6.3	-348	7.0	-230	8.3	-430
IW-40B	5.6	281	--	--	5.9	-391	6.0	-210	6.0	-293
IW-53B	4.7	323	--	--	7.3	-206	6.3	-287	6.5	-363
IW-59B	3.5	362	--	--	5.6	-234	5.3	-308	5.3	-320
GROUP B ZONE A										
IW-19A	3.9	330	8.3	120	6.4	-339	7.1	-235	7.9	-185
IW-36A	3.8	332	9.4	-47	7.5	-409	9.2	-345	9.1	-355
IW-47A	3.4	364	--	--	8.6	-355	9.6	-312	9.3	-430
IW-52A	3.7	358	--	--	8.6	-140	9.2	-335	9.3	-376
IW-60A	3.3	360	--	--	8.3	-335	9.1	-299	8.1	-435
GROUP B ZONE B										
IW-19B	5.2	279	8.6	-45	7.0	-194	6.0	-213	6.1	-190
IW-36B	5.9	262	8.1	-230	5.5	-345	5.7	-219	6.2	-200
IW-47B	3.6	359	--	--	8.0	-283	7.9	-240	7.4	-375
IW-52B	4.4	331	--	--	8.2	-130	6.4	-240	6.9	-425
IW-60B	3.6	355	--	--	7.4	-177	6.2	-308	5.5	-330

Note:
-- Readings could not be collected because water was at the top of casing.

ATTACHMENT 3

LABORATORY REPORTS

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

01/30/2014

Solutions-IES, Inc.
Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Lab Submittal Date: 01/17/2014
Prism Work Order: 4010272

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Narrative Notes:

Methane, Ethane, Ethene and TOC analysis was subcontracted to GCAL. Laboratory report is attached.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash
VP Laboratory Services

Reviewed By Robbi A. Jones For Angela D. Overcash
President/Project Manager

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Data Qualifiers Key Reference:

A	CCV result was above established QC limits. Acceptable recovery was obtained in the LCS. No further action was taken.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
MC	Sample concentration too high for recovery evaluation.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

01/30/2014

Prism Work Order: 4010272

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
MW-2	4010272-01	Water	01/16/14	01/17/14
MW-4	4010272-02	Water	01/15/14	01/17/14
MW-7	4010272-03	Water	01/16/14	01/17/14
MW-8	4010272-04	Water	01/15/14	01/17/14
MW-9	4010272-05	Water	01/15/14	01/17/14
MW-16	4010272-06	Water	01/16/14	01/17/14
MW-18	4010272-07	Water	01/15/14	01/17/14
MW-19	4010272-08	Water	01/15/14	01/17/14
MW-20	4010272-09	Water	01/16/14	01/17/14
Dup-1	4010272-10	Water	01/15/14	01/17/14
Trip Blank	4010272-11	Water	01/15/14	01/17/14

Samples were received in good condition at 1.2 degrees C unless otherwise noted.

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Summary of Detections

01/30/2014

Prism Work Order: 4010272

Prism ID	Client ID	Parameter	Method	Result	Units
4010272-01	MW-2	Ferrous Iron	*SM3500-Fe D	100	mg/L
4010272-01	MW-2	Total Alkalinity	*SM2320 B	350	mg/L
4010272-01	MW-2	Iron	*6010C	91	mg/L
4010272-01	MW-2	Magnesium	*6010C	18	mg/L
4010272-01	MW-2	1,1-Dichloroethylene	8260B	240	ug/L
4010272-01	MW-2	cis-1,2-Dichloroethylene	8260B	1900	ug/L
4010272-01	MW-2	Methyl Ethyl Ketone (2-Butanone)	8260B	230	ug/L
4010272-01	MW-2	Tetrachloroethylene	8260B	37	ug/L
4010272-01	MW-2	Trichloroethylene	8260B	36	ug/L
4010272-02	MW-4	1,1,1-Trichloroethane	8260B	7700	ug/L
4010272-02	MW-4	1,1-Dichloroethylene	8260B	4000	ug/L
4010272-02	MW-4	Ethylbenzene	8260B	61	ug/L
4010272-02	MW-4	m,p-Xylenes	8260B	210	ug/L
4010272-02	MW-4	o-Xylene	8260B	52	ug/L
4010272-02	MW-4	Tetrachloroethylene	8260B	22000	ug/L
4010272-02	MW-4	Toluene	8260B	29	ug/L
4010272-02	MW-4	Trichloroethylene	8260B	5200	ug/L
4010272-02	MW-4	Trichlorofluoromethane	8260B	120	ug/L
4010272-02	MW-4	Xylenes, total	8260B	270	ug/L
4010272-03	MW-7	Nitrate as N	*9056A	2.4	mg/L
4010272-03	MW-7	Sulfate	*9056A	63	mg/L
4010272-03	MW-7	Total Alkalinity	*SM2320 B	6.0	mg/L
4010272-03	MW-7	Iron	*6010C	0.063	mg/L
4010272-03	MW-7	Magnesium	*6010C	3.5	mg/L
4010272-03	MW-7	1,1,1-Trichloroethane	8260B	120	ug/L
4010272-03	MW-7	1,1-Dichloroethylene	8260B	390	ug/L
4010272-03	MW-7	Tetrachloroethylene	8260B	1600	ug/L
4010272-03	MW-7	Trichloroethylene	8260B	140	ug/L
4010272-04	MW-8	1,1,1-Trichloroethane	8260B	130	ug/L
4010272-04	MW-8	1,1-Dichloroethane	8260B	3.0	ug/L
4010272-04	MW-8	1,1-Dichloroethylene	8260B	340	ug/L
4010272-04	MW-8	Carbon Tetrachloride	8260B	4.0	ug/L
4010272-04	MW-8	cis-1,2-Dichloroethylene	8260B	2.6	ug/L
4010272-04	MW-8	Tetrachloroethylene	8260B	1900	ug/L
4010272-04	MW-8	Trichloroethylene	8260B	130	ug/L
4010272-04	MW-8	Trichlorofluoromethane	8260B	3.0	ug/L
4010272-05	MW-9	1,1,1-Trichloroethane	8260B	1.6	ug/L
4010272-05	MW-9	1,1-Dichloroethylene	8260B	11	ug/L
4010272-05	MW-9	Tetrachloroethylene	8260B	140	ug/L
4010272-05	MW-9	Trichloroethylene	8260B	3.4	ug/L
4010272-06	MW-16	Sulfate	*9056A	2.5	mg/L
4010272-06	MW-16	Ferrous Iron	*SM3500-Fe D	64	mg/L
4010272-06	MW-16	Total Alkalinity	*SM2320 B	240	mg/L
4010272-06	MW-16	Iron	*6010C	62	mg/L

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Summary of Detections

01/30/2014

Prism Work Order: 4010272

Prism ID	Client ID	Parameter	Method	Result		Units
4010272-06	MW-16	Magnesium	*6010C	13		mg/L
4010272-06	MW-16	1,1-Dichloroethylene	8260B	830		ug/L
4010272-06	MW-16	cis-1,2-Dichloroethylene	8260B	680		ug/L
4010272-06	MW-16	Methyl Ethyl Ketone (2-Butanone)	8260B	320	J	ug/L
4010272-06	MW-16	Trichloroethylene	8260B	18000		ug/L
4010272-07	MW-18	1,1,1-Trichloroethane	8260B	21000		ug/L
4010272-07	MW-18	1,1-Dichloroethylene	8260B	7400		ug/L
4010272-07	MW-18	Ethylbenzene	8260B	160		ug/L
4010272-07	MW-18	m,p-Xylenes	8260B	540		ug/L
4010272-07	MW-18	o-Xylene	8260B	130		ug/L
4010272-07	MW-18	Tetrachloroethylene	8260B	50000		ug/L
4010272-07	MW-18	Trichloroethylene	8260B	6000		ug/L
4010272-07	MW-18	Trichlorofluoromethane	8260B	110		ug/L
4010272-07	MW-18	Xylenes, total	8260B	670		ug/L
4010272-08	MW-19	1,1,1-Trichloroethane	8260B	11		ug/L
4010272-08	MW-19	1,1-Dichloroethane	8260B	0.72		ug/L
4010272-08	MW-19	1,1-Dichloroethylene	8260B	15		ug/L
4010272-08	MW-19	1,2-Dibromo-3-chloropropane	8260B	1.3	J	ug/L
4010272-08	MW-19	Benzene	8260B	4.5		ug/L
4010272-08	MW-19	cis-1,2-Dichloroethylene	8260B	0.61		ug/L
4010272-08	MW-19	Ethylbenzene	8260B	0.68		ug/L
4010272-08	MW-19	m,p-Xylenes	8260B	2.0		ug/L
4010272-08	MW-19	Naphthalene	8260B	0.62	J	ug/L
4010272-08	MW-19	o-Xylene	8260B	1.1		ug/L
4010272-08	MW-19	Tetrachloroethylene	8260B	800		ug/L
4010272-08	MW-19	Xylenes, total	8260B	3.1		ug/L
4010272-09	MW-20	Nitrate as N	*9056A	8.7		mg/L
4010272-09	MW-20	Sulfate	*9056A	870		mg/L
4010272-09	MW-20	Iron	*6010C	0.25		mg/L
4010272-09	MW-20	Magnesium	*6010C	40		mg/L
4010272-09	MW-20	1,1,1-Trichloroethane	8260B	57		ug/L
4010272-09	MW-20	1,1-Dichloroethylene	8260B	150		ug/L
4010272-09	MW-20	Tetrachloroethylene	8260B	1200		ug/L
4010272-09	MW-20	Trichloroethylene	8260B	56		ug/L
4010272-10	Dup-1	1,1-Dichloroethylene	8260B	230		ug/L
4010272-10	Dup-1	cis-1,2-Dichloroethylene	8260B	1800		ug/L
4010272-10	Dup-1	Methyl Ethyl Ketone (2-Butanone)	8260B	210		ug/L
4010272-10	Dup-1	Tetrachloroethylene	8260B	37		ug/L
4010272-10	Dup-1	Trichloroethylene	8260B	34		ug/L

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 4010272-01
Prism Work Order: 4010272
Time Collected: 01/16/14 12:55
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	BRL	mg/L	0.10	0.016	1	*9056A	1/17/14 15:42	CDE	P4A0282
Sulfate	BRL	mg/L	1.0	0.13	1	*9056A	1/17/14 15:42	CDE	P4A0282
General Chemistry Parameters									
Ferrous Iron	**100**	**mg/L**	**10**	**2.0**	**1**	***SM3500-Fe D**	**1/17/14 15:20**	**JAB**	**P4A0285**
Total Alkalinity	**350**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**1/20/14 15:10**	**MES**	**P4A0284**
Total Metals									
Iron	**91**	**mg/L**	**0.050**	**0.026**	**1**	***6010C**	**1/20/14 16:31**	**BGM**	**P4A0267**
Magnesium	**18**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**1/20/14 16:31**	**BGM**	**P4A0267**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	1/20/14 12:51	VHL	P4A0286
1,1,1-Trichloroethane	BRL	ug/L	10	1.3	20	8260B	1/20/14 12:51	VHL	P4A0286
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	1/20/14 12:51	VHL	P4A0286
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	1/20/14 12:51	VHL	P4A0286
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	1/20/14 12:51	VHL	P4A0286
1,1-Dichloroethylene	**240**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**1/20/14 12:51**	**VHL**	**P4A0286**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2,3-Trichlorobenzene	BRL	ug/L	40	4.0	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	1/20/14 12:51	VHL	P4A0286
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	1/20/14 12:51	VHL	P4A0286
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	1/20/14 12:51	VHL	P4A0286
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	1/20/14 12:51	VHL	P4A0286
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	1/20/14 12:51	VHL	P4A0286
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	1/20/14 12:51	VHL	P4A0286
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	1/20/14 12:51	VHL	P4A0286
2-Chloroethyl Vinyl Ether	BRL	ug/L	40	4.5	20	8260B	1/20/14 12:51	VHL	P4A0286
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	1/20/14 12:51	VHL	P4A0286
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	1/20/14 12:51	VHL	P4A0286
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	1/20/14 12:51	VHL	P4A0286
Acetone	BRL A	ug/L	100	12	20	8260B	1/20/14 12:51	VHL	P4A0286
Acrolein	BRL	ug/L	400	22	20	8260B	1/20/14 12:51	VHL	P4A0286
Acrylonitrile	BRL	ug/L	400	17	20	8260B	1/20/14 12:51	VHL	P4A0286
Benzene	BRL	ug/L	10	1.4	20	8260B	1/20/14 12:51	VHL	P4A0286
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	1/20/14 12:51	VHL	P4A0286
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	1/20/14 12:51	VHL	P4A0286
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	1/20/14 12:51	VHL	P4A0286

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 4010272-01
Prism Work Order: 4010272
Time Collected: 01/16/14 12:55
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	ug/L	20	5.4	20	8260B	1/20/14 12:51	VHL	P4A0286
Bromomethane	BRL	ug/L	20	9.3	20	8260B	1/20/14 12:51	VHL	P4A0286
Carbon disulfide	BRL	ug/L	100	28	20	8260B	1/20/14 12:51	VHL	P4A0286
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	1/20/14 12:51	VHL	P4A0286
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	1/20/14 12:51	VHL	P4A0286
Chloroethane	BRL	ug/L	10	2.6	20	8260B	1/20/14 12:51	VHL	P4A0286
Chloroform	BRL	ug/L	10	1.8	20	8260B	1/20/14 12:51	VHL	P4A0286
Chloromethane	BRL	ug/L	10	2.2	20	8260B	1/20/14 12:51	VHL	P4A0286
cis-1,2-Dichloroethylene	**1900**	**ug/L**	**10**	**1.5**	**20**	**8260B**	**1/20/14 12:51**	**VHL**	**P4A0286**
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	1/20/14 12:51	VHL	P4A0286
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	1/20/14 12:51	VHL	P4A0286
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	1/20/14 12:51	VHL	P4A0286
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	1/20/14 12:51	VHL	P4A0286
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	1/20/14 12:51	VHL	P4A0286
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	1/20/14 12:51	VHL	P4A0286
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	1/20/14 12:51	VHL	P4A0286
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	1/20/14 12:51	VHL	P4A0286
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	1/20/14 12:51	VHL	P4A0286
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	1/20/14 12:51	VHL	P4A0286
Methyl Ethyl Ketone (2-Butanone)	**230**	**ug/L**	**100**	**18**	**20**	**8260B**	**1/20/14 12:51**	**VHL**	**P4A0286**
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	1/20/14 12:51	VHL	P4A0286
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	1/20/14 12:51	VHL	P4A0286
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	1/20/14 12:51	VHL	P4A0286
Naphthalene	BRL	ug/L	20	2.0	20	8260B	1/20/14 12:51	VHL	P4A0286
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	1/20/14 12:51	VHL	P4A0286
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	1/20/14 12:51	VHL	P4A0286
o-Xylene	BRL	ug/L	10	0.92	20	8260B	1/20/14 12:51	VHL	P4A0286
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	1/20/14 12:51	VHL	P4A0286
Styrene	BRL	ug/L	10	0.94	20	8260B	1/20/14 12:51	VHL	P4A0286
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	1/20/14 12:51	VHL	P4A0286
Tetrachloroethylene	**37**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**1/20/14 12:51**	**VHL**	**P4A0286**
Toluene	BRL	ug/L	10	0.85	20	8260B	1/20/14 12:51	VHL	P4A0286
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	1/20/14 12:51	VHL	P4A0286
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	1/20/14 12:51	VHL	P4A0286
Trichloroethylene	**36**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**1/20/14 12:51**	**VHL**	**P4A0286**
Trichlorofluoromethane	BRL	ug/L	10	1.8	20	8260B	1/20/14 12:51	VHL	P4A0286
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	1/20/14 12:51	VHL	P4A0286
Vinyl chloride	BRL	ug/L	10	3.1	20	8260B	1/20/14 12:51	VHL	P4A0286
Xylenes, total	BRL	ug/L	60	2.5	20	8260B	1/20/14 12:51	VHL	P4A0286

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*102 %*	*75-129*
Toluene-d8	*108 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4010272-02
Prism Work Order: 4010272
Time Collected: 01/15/14 14:20
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	25	7.4	50	8260B	1/18/14 18:21	VHL	P4A0263
1,1,1-Trichloroethane	**7700**	**ug/L**	**500**	**63**	**1000**	**8260B**	**1/18/14 18:46**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	25	3.6	50	8260B	1/18/14 18:21	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	25	8.3	50	8260B	1/18/14 18:21	VHL	P4A0263
1,1-Dichloroethane	BRL	ug/L	25	4.8	50	8260B	1/18/14 18:21	VHL	P4A0263
1,1-Dichloroethylene	**4000**	**ug/L**	**25**	**3.9**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	25	3.1	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	100	10	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	50	4.1	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	50	5.1	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	25	2.4	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	100	30	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	25	6.8	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	25	3.8	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	25	7.0	50	8260B	1/18/14 18:21	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	25	6.4	50	8260B	1/18/14 18:21	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	25	2.8	50	8260B	1/18/14 18:21	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	25	3.7	50	8260B	1/18/14 18:21	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	25	5.6	50	8260B	1/18/14 18:21	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	25	3.4	50	8260B	1/18/14 18:21	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	100	5.7	50	8260B	1/18/14 18:21	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	100	11	50	8260B	1/18/14 18:21	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	25	1.9	50	8260B	1/18/14 18:21	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	25	2.6	50	8260B	1/18/14 18:21	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	25	3.3	50	8260B	1/18/14 18:21	VHL	P4A0263
Acetone	BRL	ug/L	250	31	50	8260B	1/18/14 18:21	VHL	P4A0263
Acrolein	BRL	ug/L	1000	55	50	8260B	1/18/14 18:21	VHL	P4A0263
Acrylonitrile	BRL	ug/L	1000	43	50	8260B	1/18/14 18:21	VHL	P4A0263
Benzene	BRL	ug/L	25	3.6	50	8260B	1/18/14 18:21	VHL	P4A0263
Bromobenzene	BRL	ug/L	25	3.2	50	8260B	1/18/14 18:21	VHL	P4A0263
Bromochloromethane	BRL	ug/L	25	6.3	50	8260B	1/18/14 18:21	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	25	3.1	50	8260B	1/18/14 18:21	VHL	P4A0263
Bromoform	BRL	ug/L	50	14	50	8260B	1/18/14 18:21	VHL	P4A0263
Bromomethane	BRL	ug/L	50	23	50	8260B	1/18/14 18:21	VHL	P4A0263
Carbon disulfide	BRL	ug/L	250	69	50	8260B	1/18/14 18:21	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	25	5.9	50	8260B	1/18/14 18:21	VHL	P4A0263
Chlorobenzene	BRL	ug/L	25	3.1	50	8260B	1/18/14 18:21	VHL	P4A0263
Chloroethane	BRL	ug/L	25	6.4	50	8260B	1/18/14 18:21	VHL	P4A0263
Chloroform	BRL	ug/L	25	4.4	50	8260B	1/18/14 18:21	VHL	P4A0263
Chloromethane	BRL	ug/L	25	5.6	50	8260B	1/18/14 18:21	VHL	P4A0263
cis-1,2-Dichloroethylene	BRL	ug/L	25	3.8	50	8260B	1/18/14 18:21	VHL	P4A0263
cis-1,3-Dichloropropylene	BRL	ug/L	25	5.2	50	8260B	1/18/14 18:21	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4010272-02
Prism Work Order: 4010272
Time Collected: 01/15/14 14:20
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	25	15	50	8260B	1/18/14 18:21	VHL	P4A0263
Dibromomethane	BRL	ug/L	25	6.5	50	8260B	1/18/14 18:21	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	50	5.4	50	8260B	1/18/14 18:21	VHL	P4A0263
Ethylbenzene	**61**	**ug/L**	**25**	**3.4**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
Hexachlorobutadiene	BRL	ug/L	100	18	50	8260B	1/18/14 18:21	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	25	2.2	50	8260B	1/18/14 18:21	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	25	3.6	50	8260B	1/18/14 18:21	VHL	P4A0263
m,p-Xylenes	**210**	**ug/L**	**50**	**4.0**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	250	9.4	50	8260B	1/18/14 18:21	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	250	45	50	8260B	1/18/14 18:21	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	250	6.2	50	8260B	1/18/14 18:21	VHL	P4A0263
Methylene Chloride	BRL	ug/L	50	22	50	8260B	1/18/14 18:21	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	25	3.5	50	8260B	1/18/14 18:21	VHL	P4A0263
Naphthalene	BRL	ug/L	50	4.9	50	8260B	1/18/14 18:21	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	50	5.6	50	8260B	1/18/14 18:21	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	25	3.0	50	8260B	1/18/14 18:21	VHL	P4A0263
o-Xylene	**52**	**ug/L**	**25**	**2.3**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
sec-Butylbenzene	BRL	ug/L	25	4.3	50	8260B	1/18/14 18:21	VHL	P4A0263
Styrene	BRL	ug/L	25	2.4	50	8260B	1/18/14 18:21	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	25	4.0	50	8260B	1/18/14 18:21	VHL	P4A0263
Tetrachloroethylene	**22000**	**ug/L**	**500**	**69**	**1000**	**8260B**	**1/18/14 18:46**	**VHL**	**P4A0263**
Toluene	**29**	**ug/L**	**25**	**2.1**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
trans-1,2-Dichloroethylene	BRL	ug/L	25	5.8	50	8260B	1/18/14 18:21	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	25	2.2	50	8260B	1/18/14 18:21	VHL	P4A0263
Trichloroethylene	**5200**	**ug/L**	**25**	**2.7**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
Trichlorofluoromethane	**120**	**ug/L**	**25**	**4.4**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**
Vinyl acetate	BRL	ug/L	100	5.0	50	8260B	1/18/14 18:21	VHL	P4A0263
Vinyl chloride	BRL	ug/L	25	7.8	50	8260B	1/18/14 18:21	VHL	P4A0263
Xylenes, total	**270**	**ug/L**	**150**	**6.4**	**50**	**8260B**	**1/18/14 18:21**	**VHL**	**P4A0263**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*95 %*	*75-129*
Toluene-d8	*107 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 4010272-03
Prism Work Order: 4010272
Time Collected: 01/16/14 11:20
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**2.4**	**mg/L**	**0.10**	**0.016**	**1**	***9056A**	**1/17/14 16:31**	**CDE**	**P4A0282**
Sulfate	**63**	**mg/L**	**1.0**	**0.13**	**1**	***9056A**	**1/17/14 16:31**	**CDE**	**P4A0282**
General Chemistry Parameters									
Ferrous Iron	BRL	mg/L	0.20	0.039	1	*SM3500-Fe D	1/17/14 15:20	JAB	P4A0285
Total Alkalinity	**6.0**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**1/20/14 15:10**	**MES**	**P4A0284**
Total Metals									
Iron	**0.063**	**mg/L**	**0.050**	**0.026**	**1**	***6010C**	**1/20/14 16:55**	**BGM**	**P4A0267**
Magnesium	**3.5**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**1/20/14 16:55**	**BGM**	**P4A0267**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	50	15	100	8260B	1/18/14 22:34	VHL	P4A0263
1,1,1-Trichloroethane	**120**	**ug/L**	**50**	**6.3**	**100**	**8260B**	**1/18/14 22:34**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	50	7.1	100	8260B	1/18/14 22:34	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	50	17	100	8260B	1/18/14 22:34	VHL	P4A0263
1,1-Dichloroethane	BRL	ug/L	50	9.6	100	8260B	1/18/14 22:34	VHL	P4A0263
1,1-Dichloroethylene	**390**	**ug/L**	**50**	**7.8**	**100**	**8260B**	**1/18/14 22:34**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	50	6.1	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	200	20	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	100	8.1	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	100	10	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	50	4.8	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	200	59	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	50	14	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	50	7.6	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	50	14	100	8260B	1/18/14 22:34	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	50	13	100	8260B	1/18/14 22:34	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	50	5.7	100	8260B	1/18/14 22:34	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	50	7.4	100	8260B	1/18/14 22:34	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	50	11	100	8260B	1/18/14 22:34	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	50	6.8	100	8260B	1/18/14 22:34	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	200	11	100	8260B	1/18/14 22:34	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	200	22	100	8260B	1/18/14 22:34	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	50	3.8	100	8260B	1/18/14 22:34	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	50	5.3	100	8260B	1/18/14 22:34	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	50	6.5	100	8260B	1/18/14 22:34	VHL	P4A0263
Acetone	BRL	ug/L	500	62	100	8260B	1/18/14 22:34	VHL	P4A0263
Acrolein	BRL	ug/L	2000	110	100	8260B	1/18/14 22:34	VHL	P4A0263
Acrylonitrile	BRL	ug/L	2000	86	100	8260B	1/18/14 22:34	VHL	P4A0263
Benzene	BRL	ug/L	50	7.2	100	8260B	1/18/14 22:34	VHL	P4A0263
Bromobenzene	BRL	ug/L	50	6.4	100	8260B	1/18/14 22:34	VHL	P4A0263
Bromochloromethane	BRL	ug/L	50	13	100	8260B	1/18/14 22:34	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	50	6.2	100	8260B	1/18/14 22:34	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 4010272-03
Prism Work Order: 4010272
Time Collected: 01/16/14 11:20
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	ug/L	100	27	100	8260B	1/18/14 22:34	VHL	P4A0263
Bromomethane	BRL	ug/L	100	47	100	8260B	1/18/14 22:34	VHL	P4A0263
Carbon disulfide	BRL	ug/L	500	140	100	8260B	1/18/14 22:34	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	50	12	100	8260B	1/18/14 22:34	VHL	P4A0263
Chlorobenzene	BRL	ug/L	50	6.1	100	8260B	1/18/14 22:34	VHL	P4A0263
Chloroethane	BRL	ug/L	50	13	100	8260B	1/18/14 22:34	VHL	P4A0263
Chloroform	BRL	ug/L	50	8.9	100	8260B	1/18/14 22:34	VHL	P4A0263
Chloromethane	BRL	ug/L	50	11	100	8260B	1/18/14 22:34	VHL	P4A0263
cis-1,2-Dichloroethylene	BRL	ug/L	50	7.6	100	8260B	1/18/14 22:34	VHL	P4A0263
cis-1,3-Dichloropropylene	BRL	ug/L	50	10	100	8260B	1/18/14 22:34	VHL	P4A0263
Dibromochloromethane	BRL	ug/L	50	30	100	8260B	1/18/14 22:34	VHL	P4A0263
Dibromomethane	BRL	ug/L	50	13	100	8260B	1/18/14 22:34	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	100	11	100	8260B	1/18/14 22:34	VHL	P4A0263
Ethylbenzene	BRL	ug/L	50	6.7	100	8260B	1/18/14 22:34	VHL	P4A0263
Hexachlorobutadiene	BRL	ug/L	200	36	100	8260B	1/18/14 22:34	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	50	4.3	100	8260B	1/18/14 22:34	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	50	7.2	100	8260B	1/18/14 22:34	VHL	P4A0263
m,p-Xylenes	BRL	ug/L	100	8.1	100	8260B	1/18/14 22:34	VHL	P4A0263
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	500	19	100	8260B	1/18/14 22:34	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	500	90	100	8260B	1/18/14 22:34	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	500	12	100	8260B	1/18/14 22:34	VHL	P4A0263
Methylene Chloride	BRL	ug/L	100	44	100	8260B	1/18/14 22:34	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	50	7.0	100	8260B	1/18/14 22:34	VHL	P4A0263
Naphthalene	BRL	ug/L	100	9.8	100	8260B	1/18/14 22:34	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	100	11	100	8260B	1/18/14 22:34	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	50	6.0	100	8260B	1/18/14 22:34	VHL	P4A0263
o-Xylene	BRL	ug/L	50	4.6	100	8260B	1/18/14 22:34	VHL	P4A0263
sec-Butylbenzene	BRL	ug/L	50	8.7	100	8260B	1/18/14 22:34	VHL	P4A0263
Styrene	BRL	ug/L	50	4.7	100	8260B	1/18/14 22:34	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	50	8.0	100	8260B	1/18/14 22:34	VHL	P4A0263
Tetrachloroethylene	**1600**	**ug/L**	**50**	**6.9**	**100**	**8260B**	**1/18/14 22:34**	**VHL**	**P4A0263**
Toluene	BRL	ug/L	50	4.2	100	8260B	1/18/14 22:34	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	50	12	100	8260B	1/18/14 22:34	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	50	4.3	100	8260B	1/18/14 22:34	VHL	P4A0263
Trichloroethylene	**140**	**ug/L**	**50**	**5.4**	**100**	**8260B**	**1/18/14 22:34**	**VHL**	**P4A0263**
Trichlorofluoromethane	BRL	ug/L	50	8.8	100	8260B	1/18/14 22:34	VHL	P4A0263
Vinyl acetate	BRL	ug/L	200	10	100	8260B	1/18/14 22:34	VHL	P4A0263
Vinyl chloride	BRL	ug/L	50	16	100	8260B	1/18/14 22:34	VHL	P4A0263
Xylenes, total	BRL	ug/L	300	13	100	8260B	1/18/14 22:34	VHL	P4A0263

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*109 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 4010272-04
Prism Work Order: 4010272
Time Collected: 01/15/14 13:50
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	2.5	0.74	5	8260B	1/18/14 19:12	VHL	P4A0263
1,1,1-Trichloroethane	**130**	**ug/L**	**2.5**	**0.31**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	2.5	0.36	5	8260B	1/18/14 19:12	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	2.5	0.83	5	8260B	1/18/14 19:12	VHL	P4A0263
1,1-Dichloroethane	**3.0**	**ug/L**	**2.5**	**0.48**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
1,1-Dichloroethylene	**340**	**ug/L**	**2.5**	**0.39**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	2.5	0.31	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	10	1.0	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	5.0	0.41	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	5.0	0.51	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	2.5	0.24	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	10	3.0	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	2.5	0.68	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	2.5	0.38	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	2.5	0.70	5	8260B	1/18/14 19:12	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	2.5	0.64	5	8260B	1/18/14 19:12	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	2.5	0.28	5	8260B	1/18/14 19:12	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	2.5	0.37	5	8260B	1/18/14 19:12	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	2.5	0.56	5	8260B	1/18/14 19:12	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	2.5	0.34	5	8260B	1/18/14 19:12	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	10	0.57	5	8260B	1/18/14 19:12	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	10	1.1	5	8260B	1/18/14 19:12	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	2.5	0.19	5	8260B	1/18/14 19:12	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	2.5	0.26	5	8260B	1/18/14 19:12	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	2.5	0.33	5	8260B	1/18/14 19:12	VHL	P4A0263
Acetone	BRL	ug/L	25	3.1	5	8260B	1/18/14 19:12	VHL	P4A0263
Acrolein	BRL	ug/L	100	5.5	5	8260B	1/18/14 19:12	VHL	P4A0263
Acrylonitrile	BRL	ug/L	100	4.3	5	8260B	1/18/14 19:12	VHL	P4A0263
Benzene	BRL	ug/L	2.5	0.36	5	8260B	1/18/14 19:12	VHL	P4A0263
Bromobenzene	BRL	ug/L	2.5	0.32	5	8260B	1/18/14 19:12	VHL	P4A0263
Bromochloromethane	BRL	ug/L	2.5	0.63	5	8260B	1/18/14 19:12	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	2.5	0.31	5	8260B	1/18/14 19:12	VHL	P4A0263
Bromoform	BRL	ug/L	5.0	1.4	5	8260B	1/18/14 19:12	VHL	P4A0263
Bromomethane	BRL	ug/L	5.0	2.3	5	8260B	1/18/14 19:12	VHL	P4A0263
Carbon disulfide	BRL	ug/L	25	6.9	5	8260B	1/18/14 19:12	VHL	P4A0263
Carbon Tetrachloride	**4.0**	**ug/L**	**2.5**	**0.59**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
Chlorobenzene	BRL	ug/L	2.5	0.31	5	8260B	1/18/14 19:12	VHL	P4A0263
Chloroethane	BRL	ug/L	2.5	0.64	5	8260B	1/18/14 19:12	VHL	P4A0263
Chloroform	BRL	ug/L	2.5	0.44	5	8260B	1/18/14 19:12	VHL	P4A0263
Chloromethane	BRL	ug/L	2.5	0.56	5	8260B	1/18/14 19:12	VHL	P4A0263
cis-1,2-Dichloroethylene	**2.6**	**ug/L**	**2.5**	**0.38**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
cis-1,3-Dichloropropylene	BRL	ug/L	2.5	0.52	5	8260B	1/18/14 19:12	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 4010272-04
Prism Work Order: 4010272
Time Collected: 01/15/14 13:50
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	2.5	1.5	5	8260B	1/18/14 19:12	VHL	P4A0263
Dibromomethane	BRL	ug/L	2.5	0.65	5	8260B	1/18/14 19:12	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	5.0	0.54	5	8260B	1/18/14 19:12	VHL	P4A0263
Ethylbenzene	BRL	ug/L	2.5	0.34	5	8260B	1/18/14 19:12	VHL	P4A0263
Hexachlorobutadiene	BRL	ug/L	10	1.8	5	8260B	1/18/14 19:12	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	2.5	0.22	5	8260B	1/18/14 19:12	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	2.5	0.36	5	8260B	1/18/14 19:12	VHL	P4A0263
m,p-Xylenes	BRL	ug/L	5.0	0.40	5	8260B	1/18/14 19:12	VHL	P4A0263
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	25	0.94	5	8260B	1/18/14 19:12	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	25	4.5	5	8260B	1/18/14 19:12	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	25	0.62	5	8260B	1/18/14 19:12	VHL	P4A0263
Methylene Chloride	BRL	ug/L	5.0	2.2	5	8260B	1/18/14 19:12	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	2.5	0.35	5	8260B	1/18/14 19:12	VHL	P4A0263
Naphthalene	BRL	ug/L	5.0	0.49	5	8260B	1/18/14 19:12	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	5.0	0.56	5	8260B	1/18/14 19:12	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	2.5	0.30	5	8260B	1/18/14 19:12	VHL	P4A0263
o-Xylene	BRL	ug/L	2.5	0.23	5	8260B	1/18/14 19:12	VHL	P4A0263
sec-Butylbenzene	BRL	ug/L	2.5	0.43	5	8260B	1/18/14 19:12	VHL	P4A0263
Styrene	BRL	ug/L	2.5	0.24	5	8260B	1/18/14 19:12	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	2.5	0.40	5	8260B	1/18/14 19:12	VHL	P4A0263
Tetrachloroethylene	**1900**	**ug/L**	**50**	**6.9**	**100**	**8260B**	**1/18/14 19:37**	**VHL**	**P4A0263**
Toluene	BRL	ug/L	2.5	0.21	5	8260B	1/18/14 19:12	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	2.5	0.58	5	8260B	1/18/14 19:12	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	2.5	0.22	5	8260B	1/18/14 19:12	VHL	P4A0263
Trichloroethylene	**130**	**ug/L**	**2.5**	**0.27**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
Trichlorofluoromethane	**3.0**	**ug/L**	**2.5**	**0.44**	**5**	**8260B**	**1/18/14 19:12**	**VHL**	**P4A0263**
Vinyl acetate	BRL	ug/L	10	0.50	5	8260B	1/18/14 19:12	VHL	P4A0263
Vinyl chloride	BRL	ug/L	2.5	0.78	5	8260B	1/18/14 19:12	VHL	P4A0263
Xylenes, total	BRL	ug/L	15	0.64	5	8260B	1/18/14 19:12	VHL	P4A0263

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*98 %*	*75-129*
Toluene-d8	*106 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 4010272-05
Prism Work Order: 4010272
Time Collected: 01/15/14 14:28
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	1/18/14 13:42	VHL	P4A0263
1,1,1-Trichloroethane	**1.6**	**ug/L**	**0.50**	**0.063**	**1**	**8260B**	**1/18/14 13:42**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	1/18/14 13:42	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	1/18/14 13:42	VHL	P4A0263
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	1/18/14 13:42	VHL	P4A0263
1,1-Dichloroethylene	**11**	**ug/L**	**0.50**	**0.078**	**1**	**8260B**	**1/18/14 13:42**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	1/18/14 13:42	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 13:42	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	1/18/14 13:42	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	1/18/14 13:42	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	1/18/14 13:42	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	1/18/14 13:42	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	1/18/14 13:42	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	1/18/14 13:42	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	1/18/14 13:42	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	1/18/14 13:42	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	1/18/14 13:42	VHL	P4A0263
Acetone	BRL	ug/L	5.0	0.62	1	8260B	1/18/14 13:42	VHL	P4A0263
Acrolein	BRL	ug/L	20	1.1	1	8260B	1/18/14 13:42	VHL	P4A0263
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	1/18/14 13:42	VHL	P4A0263
Benzene	BRL	ug/L	0.50	0.072	1	8260B	1/18/14 13:42	VHL	P4A0263
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	1/18/14 13:42	VHL	P4A0263
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 13:42	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	1/18/14 13:42	VHL	P4A0263
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	1/18/14 13:42	VHL	P4A0263
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	1/18/14 13:42	VHL	P4A0263
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	1/18/14 13:42	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	1/18/14 13:42	VHL	P4A0263
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	1/18/14 13:42	VHL	P4A0263
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 13:42	VHL	P4A0263
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	1/18/14 13:42	VHL	P4A0263
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	1/18/14 13:42	VHL	P4A0263
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	1/18/14 13:42	VHL	P4A0263
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	1/18/14 13:42	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 4010272-05
Prism Work Order: 4010272
Time Collected: 01/15/14 14:28
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	1/18/14 13:42	VHL	P4A0263
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 13:42	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	1/18/14 13:42	VHL	P4A0263
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	1/18/14 13:42	VHL	P4A0263
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	1/18/14 13:42	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	1/18/14 13:42	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	1/18/14 13:42	VHL	P4A0263
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	1/18/14 13:42	VHL	P4A0263
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	1/18/14 13:42	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	1/18/14 13:42	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	1/18/14 13:42	VHL	P4A0263
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	1/18/14 13:42	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	1/18/14 13:42	VHL	P4A0263
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	1/18/14 13:42	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	1/18/14 13:42	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	1/18/14 13:42	VHL	P4A0263
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	1/18/14 13:42	VHL	P4A0263
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	1/18/14 13:42	VHL	P4A0263
Styrene	BRL	ug/L	0.50	0.047	1	8260B	1/18/14 13:42	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	1/18/14 13:42	VHL	P4A0263
Tetrachloroethylene	**140**	**ug/L**	**5.0**	**0.69**	**10**	**8260B**	**1/20/14 14:57**	**VHL**	**P4A0263**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	1/18/14 13:42	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	1/18/14 13:42	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	1/18/14 13:42	VHL	P4A0263
Trichloroethylene	**3.4**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**1/18/14 13:42**	**VHL**	**P4A0263**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	1/18/14 13:42	VHL	P4A0263
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	1/18/14 13:42	VHL	P4A0263
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	1/18/14 13:42	VHL	P4A0263
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	1/18/14 13:42	VHL	P4A0263

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*104 %*	*75-129*
Toluene-d8	*111 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-16
Prism Sample ID: 4010272-06
Prism Work Order: 4010272
Time Collected: 01/16/14 12:53
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	BRL	mg/L	0.10	0.016	1	*9056A	1/17/14 16:15	CDE	P4A0282
Sulfate	**2.5**	**mg/L**	**1.0**	**0.13**	**1**	***9056A**	**1/17/14 16:15**	**CDE**	**P4A0282**
General Chemistry Parameters									
Ferrous Iron	**64**	**mg/L**	**5.0**	**0.98**	**1**	***SM3500-Fe D**	**1/17/14 15:20**	**JAB**	**P4A0285**
Total Alkalinity	**240**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**1/20/14 15:10**	**MES**	**P4A0284**
Total Metals									
Iron	**62**	**mg/L**	**0.050**	**0.026**	**1**	***6010C**	**1/20/14 17:02**	**BGM**	**P4A0267**
Magnesium	**13**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**1/20/14 17:02**	**BGM**	**P4A0267**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	50	15	100	8260B	1/20/14 13:41	VHL	P4A0286
1,1,1-Trichloroethane	BRL	ug/L	50	6.3	100	8260B	1/20/14 13:41	VHL	P4A0286
1,1,2,2-Tetrachloroethane	BRL	ug/L	50	7.1	100	8260B	1/20/14 13:41	VHL	P4A0286
1,1,2-Trichloroethane	BRL	ug/L	50	17	100	8260B	1/20/14 13:41	VHL	P4A0286
1,1-Dichloroethane	BRL	ug/L	50	9.6	100	8260B	1/20/14 13:41	VHL	P4A0286
1,1-Dichloroethylene	**830**	**ug/L**	**50**	**7.8**	**100**	**8260B**	**1/20/14 13:41**	**VHL**	**P4A0286**
1,1-Dichloropropylene	BRL	ug/L	50	6.1	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2,3-Trichlorobenzene	BRL	ug/L	200	20	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2,3-Trichloropropane	BRL	ug/L	100	8.1	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2,4-Trichlorobenzene	BRL	ug/L	100	10	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2,4-Trimethylbenzene	BRL	ug/L	50	4.8	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2-Dibromo-3-chloropropane	BRL	ug/L	200	59	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2-Dibromoethane	BRL	ug/L	50	14	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2-Dichlorobenzene	BRL	ug/L	50	7.6	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2-Dichloroethane	BRL	ug/L	50	14	100	8260B	1/20/14 13:41	VHL	P4A0286
1,2-Dichloropropane	BRL	ug/L	50	13	100	8260B	1/20/14 13:41	VHL	P4A0286
1,3,5-Trimethylbenzene	BRL	ug/L	50	5.7	100	8260B	1/20/14 13:41	VHL	P4A0286
1,3-Dichlorobenzene	BRL	ug/L	50	7.4	100	8260B	1/20/14 13:41	VHL	P4A0286
1,3-Dichloropropane	BRL	ug/L	50	11	100	8260B	1/20/14 13:41	VHL	P4A0286
1,4-Dichlorobenzene	BRL	ug/L	50	6.8	100	8260B	1/20/14 13:41	VHL	P4A0286
2,2-Dichloropropane	BRL	ug/L	200	11	100	8260B	1/20/14 13:41	VHL	P4A0286
2-Chloroethyl Vinyl Ether	BRL	ug/L	200	22	100	8260B	1/20/14 13:41	VHL	P4A0286
2-Chlorotoluene	BRL	ug/L	50	3.8	100	8260B	1/20/14 13:41	VHL	P4A0286
4-Chlorotoluene	BRL	ug/L	50	5.3	100	8260B	1/20/14 13:41	VHL	P4A0286
4-Isopropyltoluene	BRL	ug/L	50	6.5	100	8260B	1/20/14 13:41	VHL	P4A0286
Acetone	BRL A	ug/L	500	62	100	8260B	1/20/14 13:41	VHL	P4A0286
Acrolein	BRL	ug/L	2000	110	100	8260B	1/20/14 13:41	VHL	P4A0286
Acrylonitrile	BRL	ug/L	2000	86	100	8260B	1/20/14 13:41	VHL	P4A0286
Benzene	BRL	ug/L	50	7.2	100	8260B	1/20/14 13:41	VHL	P4A0286
Bromobenzene	BRL	ug/L	50	6.4	100	8260B	1/20/14 13:41	VHL	P4A0286
Bromochloromethane	BRL	ug/L	50	13	100	8260B	1/20/14 13:41	VHL	P4A0286
Bromodichloromethane	BRL	ug/L	50	6.2	100	8260B	1/20/14 13:41	VHL	P4A0286

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-16
Prism Sample ID: 4010272-06
Prism Work Order: 4010272
Time Collected: 01/16/14 12:53
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	ug/L	100	27	100	8260B	1/20/14 13:41	VHL	P4A0286
Bromomethane	BRL	ug/L	100	47	100	8260B	1/20/14 13:41	VHL	P4A0286
Carbon disulfide	BRL	ug/L	500	140	100	8260B	1/20/14 13:41	VHL	P4A0286
Carbon Tetrachloride	BRL	ug/L	50	12	100	8260B	1/20/14 13:41	VHL	P4A0286
Chlorobenzene	BRL	ug/L	50	6.1	100	8260B	1/20/14 13:41	VHL	P4A0286
Chloroethane	BRL	ug/L	50	13	100	8260B	1/20/14 13:41	VHL	P4A0286
Chloroform	BRL	ug/L	50	8.9	100	8260B	1/20/14 13:41	VHL	P4A0286
Chloromethane	BRL	ug/L	50	11	100	8260B	1/20/14 13:41	VHL	P4A0286
cis-1,2-Dichloroethylene	**680**	**ug/L**	**50**	**7.6**	**100**	**8260B**	**1/20/14 13:41**	**VHL**	**P4A0286**
cis-1,3-Dichloropropylene	BRL	ug/L	50	10	100	8260B	1/20/14 13:41	VHL	P4A0286
Dibromochloromethane	BRL	ug/L	50	30	100	8260B	1/20/14 13:41	VHL	P4A0286
Dibromomethane	BRL	ug/L	50	13	100	8260B	1/20/14 13:41	VHL	P4A0286
Dichlorodifluoromethane	BRL	ug/L	100	11	100	8260B	1/20/14 13:41	VHL	P4A0286
Ethylbenzene	BRL	ug/L	50	6.7	100	8260B	1/20/14 13:41	VHL	P4A0286
Hexachlorobutadiene	BRL	ug/L	200	36	100	8260B	1/20/14 13:41	VHL	P4A0286
Isopropyl Ether	BRL	ug/L	50	4.3	100	8260B	1/20/14 13:41	VHL	P4A0286
Isopropylbenzene (Cumene)	BRL	ug/L	50	7.2	100	8260B	1/20/14 13:41	VHL	P4A0286
m,p-Xylenes	BRL	ug/L	100	8.1	100	8260B	1/20/14 13:41	VHL	P4A0286
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	500	19	100	8260B	1/20/14 13:41	VHL	P4A0286
Methyl Ethyl Ketone (2-Butanone)	**320 J**	**ug/L**	**500**	**90**	**100**	**8260B**	**1/20/14 13:41**	**VHL**	**P4A0286**
Methyl Isobutyl Ketone	BRL	ug/L	500	12	100	8260B	1/20/14 13:41	VHL	P4A0286
Methylene Chloride	BRL	ug/L	100	44	100	8260B	1/20/14 13:41	VHL	P4A0286
Methyl-tert-Butyl Ether	BRL	ug/L	50	7.0	100	8260B	1/20/14 13:41	VHL	P4A0286
Naphthalene	BRL	ug/L	100	9.8	100	8260B	1/20/14 13:41	VHL	P4A0286
n-Butylbenzene	BRL	ug/L	100	11	100	8260B	1/20/14 13:41	VHL	P4A0286
n-Propylbenzene	BRL	ug/L	50	6.0	100	8260B	1/20/14 13:41	VHL	P4A0286
o-Xylene	BRL	ug/L	50	4.6	100	8260B	1/20/14 13:41	VHL	P4A0286
sec-Butylbenzene	BRL	ug/L	50	8.7	100	8260B	1/20/14 13:41	VHL	P4A0286
Styrene	BRL	ug/L	50	4.7	100	8260B	1/20/14 13:41	VHL	P4A0286
tert-Butylbenzene	BRL	ug/L	50	8.0	100	8260B	1/20/14 13:41	VHL	P4A0286
Tetrachloroethylene	BRL	ug/L	50	6.9	100	8260B	1/20/14 13:41	VHL	P4A0286
Toluene	BRL	ug/L	50	4.2	100	8260B	1/20/14 13:41	VHL	P4A0286
trans-1,2-Dichloroethylene	BRL	ug/L	50	12	100	8260B	1/20/14 13:41	VHL	P4A0286
trans-1,3-Dichloropropylene	BRL	ug/L	50	4.3	100	8260B	1/20/14 13:41	VHL	P4A0286
Trichloroethylene	**18000**	**ug/L**	**1000**	**110**	**2000**	**8260B**	**1/20/14 14:06**	**VHL**	**P4A0286**
Trichlorofluoromethane	BRL	ug/L	50	8.8	100	8260B	1/20/14 13:41	VHL	P4A0286
Vinyl acetate	BRL	ug/L	200	10	100	8260B	1/20/14 13:41	VHL	P4A0286
Vinyl chloride	BRL	ug/L	50	16	100	8260B	1/20/14 13:41	VHL	P4A0286
Xylenes, total	BRL	ug/L	300	13	100	8260B	1/20/14 13:41	VHL	P4A0286

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*81 %*	*75-129*
Toluene-d8	*106 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-18
Prism Sample ID: 4010272-07
Prism Work Order: 4010272
Time Collected: 01/15/14 15:05
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	100	29	200	8260B	1/18/14 20:02	VHL	P4A0263
1,1,1-Trichloroethane	**21000**	**ug/L**	**2500**	**310**	**5000**	**8260B**	**1/18/14 20:28**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	100	14	200	8260B	1/18/14 20:02	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	100	33	200	8260B	1/18/14 20:02	VHL	P4A0263
1,1-Dichloroethane	BRL	ug/L	100	19	200	8260B	1/18/14 20:02	VHL	P4A0263
1,1-Dichloroethylene	**7400**	**ug/L**	**100**	**16**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	100	12	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	400	40	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	200	16	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	200	20	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	100	9.5	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	400	120	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	100	27	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	100	15	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	100	28	200	8260B	1/18/14 20:02	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	100	25	200	8260B	1/18/14 20:02	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	100	11	200	8260B	1/18/14 20:02	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	100	15	200	8260B	1/18/14 20:02	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	100	22	200	8260B	1/18/14 20:02	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	100	14	200	8260B	1/18/14 20:02	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	400	23	200	8260B	1/18/14 20:02	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	400	45	200	8260B	1/18/14 20:02	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	100	7.6	200	8260B	1/18/14 20:02	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	100	11	200	8260B	1/18/14 20:02	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	100	13	200	8260B	1/18/14 20:02	VHL	P4A0263
Acetone	BRL	ug/L	1000	120	200	8260B	1/18/14 20:02	VHL	P4A0263
Acrolein	BRL	ug/L	4000	220	200	8260B	1/18/14 20:02	VHL	P4A0263
Acrylonitrile	BRL	ug/L	4000	170	200	8260B	1/18/14 20:02	VHL	P4A0263
Benzene	BRL	ug/L	100	14	200	8260B	1/18/14 20:02	VHL	P4A0263
Bromobenzene	BRL	ug/L	100	13	200	8260B	1/18/14 20:02	VHL	P4A0263
Bromochloromethane	BRL	ug/L	100	25	200	8260B	1/18/14 20:02	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	100	12	200	8260B	1/18/14 20:02	VHL	P4A0263
Bromoform	BRL	ug/L	200	54	200	8260B	1/18/14 20:02	VHL	P4A0263
Bromomethane	BRL	ug/L	200	93	200	8260B	1/18/14 20:02	VHL	P4A0263
Carbon disulfide	BRL	ug/L	1000	280	200	8260B	1/18/14 20:02	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	100	24	200	8260B	1/18/14 20:02	VHL	P4A0263
Chlorobenzene	BRL	ug/L	100	12	200	8260B	1/18/14 20:02	VHL	P4A0263
Chloroethane	BRL	ug/L	100	26	200	8260B	1/18/14 20:02	VHL	P4A0263
Chloroform	BRL	ug/L	100	18	200	8260B	1/18/14 20:02	VHL	P4A0263
Chloromethane	BRL	ug/L	100	22	200	8260B	1/18/14 20:02	VHL	P4A0263
cis-1,2-Dichloroethylene	BRL	ug/L	100	15	200	8260B	1/18/14 20:02	VHL	P4A0263
cis-1,3-Dichloropropylene	BRL	ug/L	100	21	200	8260B	1/18/14 20:02	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-18
Prism Sample ID: 4010272-07
Prism Work Order: 4010272
Time Collected: 01/15/14 15:05
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	100	60	200	8260B	1/18/14 20:02	VHL	P4A0263
Dibromomethane	BRL	ug/L	100	26	200	8260B	1/18/14 20:02	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	200	21	200	8260B	1/18/14 20:02	VHL	P4A0263
Ethylbenzene	**160**	**ug/L**	**100**	**13**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**
Hexachlorobutadiene	BRL	ug/L	400	73	200	8260B	1/18/14 20:02	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	100	8.7	200	8260B	1/18/14 20:02	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	100	14	200	8260B	1/18/14 20:02	VHL	P4A0263
m,p-Xylenes	**540**	**ug/L**	**200**	**16**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1000	38	200	8260B	1/18/14 20:02	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	1000	180	200	8260B	1/18/14 20:02	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	1000	25	200	8260B	1/18/14 20:02	VHL	P4A0263
Methylene Chloride	BRL	ug/L	200	89	200	8260B	1/18/14 20:02	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	100	14	200	8260B	1/18/14 20:02	VHL	P4A0263
Naphthalene	BRL	ug/L	200	20	200	8260B	1/18/14 20:02	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	200	23	200	8260B	1/18/14 20:02	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	100	12	200	8260B	1/18/14 20:02	VHL	P4A0263
o-Xylene	**130**	**ug/L**	**100**	**9.2**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**
sec-Butylbenzene	BRL	ug/L	100	17	200	8260B	1/18/14 20:02	VHL	P4A0263
Styrene	BRL	ug/L	100	9.4	200	8260B	1/18/14 20:02	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	100	16	200	8260B	1/18/14 20:02	VHL	P4A0263
Tetrachloroethylene	**50000**	**ug/L**	**2500**	**340**	**5000**	**8260B**	**1/18/14 20:28**	**VHL**	**P4A0263**
Toluene	BRL	ug/L	100	8.5	200	8260B	1/18/14 20:02	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	100	23	200	8260B	1/18/14 20:02	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	100	8.7	200	8260B	1/18/14 20:02	VHL	P4A0263
Trichloroethylene	**6000**	**ug/L**	**100**	**11**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**
Trichlorofluoromethane	**110**	**ug/L**	**100**	**18**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**
Vinyl acetate	BRL	ug/L	400	20	200	8260B	1/18/14 20:02	VHL	P4A0263
Vinyl chloride	BRL	ug/L	100	31	200	8260B	1/18/14 20:02	VHL	P4A0263
Xylenes, total	**670**	**ug/L**	**600**	**25**	**200**	**8260B**	**1/18/14 20:02**	**VHL**	**P4A0263**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*107 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-19
Prism Sample ID: 4010272-08
Prism Work Order: 4010272
Time Collected: 01/15/14 15:24
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	1/18/14 14:08	VHL	P4A0263
1,1,1-Trichloroethane	**11**	**ug/L**	**0.50**	**0.063**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	1/18/14 14:08	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	1/18/14 14:08	VHL	P4A0263
1,1-Dichloroethane	**0.72**	**ug/L**	**0.50**	**0.096**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
1,1-Dichloroethylene	**15**	**ug/L**	**0.50**	**0.078**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2-Dibromo-3-chloropropane	**1.3 J**	**ug/L**	**2.0**	**0.59**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	1/18/14 14:08	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:08	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	1/18/14 14:08	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	1/18/14 14:08	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	1/18/14 14:08	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	1/18/14 14:08	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	1/18/14 14:08	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	1/18/14 14:08	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	1/18/14 14:08	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	1/18/14 14:08	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	1/18/14 14:08	VHL	P4A0263
Acetone	BRL	ug/L	5.0	0.62	1	8260B	1/18/14 14:08	VHL	P4A0263
Acrolein	BRL	ug/L	20	1.1	1	8260B	1/18/14 14:08	VHL	P4A0263
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	1/18/14 14:08	VHL	P4A0263
Benzene	**4.5**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	1/18/14 14:08	VHL	P4A0263
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:08	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	1/18/14 14:08	VHL	P4A0263
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	1/18/14 14:08	VHL	P4A0263
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	1/18/14 14:08	VHL	P4A0263
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	1/18/14 14:08	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	1/18/14 14:08	VHL	P4A0263
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	1/18/14 14:08	VHL	P4A0263
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:08	VHL	P4A0263
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	1/18/14 14:08	VHL	P4A0263
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	1/18/14 14:08	VHL	P4A0263
cis-1,2-Dichloroethylene	**0.61**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	1/18/14 14:08	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-19
Prism Sample ID: 4010272-08
Prism Work Order: 4010272
Time Collected: 01/15/14 15:24
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	1/18/14 14:08	VHL	P4A0263
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:08	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	1/18/14 14:08	VHL	P4A0263
Ethylbenzene	**0.68**	**ug/L**	**0.50**	**0.067**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	1/18/14 14:08	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	1/18/14 14:08	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	1/18/14 14:08	VHL	P4A0263
m,p-Xylenes	**2.0**	**ug/L**	**1.0**	**0.081**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	1/18/14 14:08	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	1/18/14 14:08	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	1/18/14 14:08	VHL	P4A0263
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	1/18/14 14:08	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	1/18/14 14:08	VHL	P4A0263
Naphthalene	**0.62 J**	**ug/L**	**1.0**	**0.098**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	1/18/14 14:08	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	1/18/14 14:08	VHL	P4A0263
o-Xylene	**1.1**	**ug/L**	**0.50**	**0.046**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	1/18/14 14:08	VHL	P4A0263
Styrene	BRL	ug/L	0.50	0.047	1	8260B	1/18/14 14:08	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	1/18/14 14:08	VHL	P4A0263
Tetrachloroethylene	**800**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**1/20/14 15:22**	**VHL**	**P4A0263**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	1/18/14 14:08	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	1/18/14 14:08	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	1/18/14 14:08	VHL	P4A0263
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	1/18/14 14:08	VHL	P4A0263
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	1/18/14 14:08	VHL	P4A0263
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	1/18/14 14:08	VHL	P4A0263
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	1/18/14 14:08	VHL	P4A0263
Xylenes, total	**3.1**	**ug/L**	**3.0**	**0.13**	**1**	**8260B**	**1/18/14 14:08**	**VHL**	**P4A0263**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*106 %*	*75-129*
Toluene-d8	*109 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-20
Prism Sample ID: 4010272-09
Prism Work Order: 4010272
Time Collected: 01/16/14 11:40
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**8.7**	**mg/L**	**0.10**	**0.016**	**1**	***9056A**	**1/17/14 15:59**	**CDE**	**P4A0282**
Sulfate	**870**	**mg/L**	**1.0**	**0.13**	**1**	***9056A**	**1/17/14 15:59**	**CDE**	**P4A0282**
General Chemistry Parameters									
Ferrous Iron	BRL	mg/L	0.20	0.039	1	*SM3500-Fe D	1/17/14 15:20	JAB	P4A0285
Total Alkalinity	BRL	mg/L	5.0	0.77	1	*SM2320 B	1/20/14 15:10	MES	P4A0284
Total Metals									
Iron	**0.25**	**mg/L**	**0.050**	**0.026**	**1**	***6010C**	**1/20/14 17:10**	**BGM**	**P4A0267**
Magnesium	**40**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**1/20/14 17:10**	**BGM**	**P4A0267**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	1/18/14 15:24	VHL	P4A0263
1,1,1-Trichloroethane	**57**	**ug/L**	**10**	**1.3**	**20**	**8260B**	**1/18/14 15:24**	**VHL**	**P4A0263**
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	1/18/14 15:24	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	1/18/14 15:24	VHL	P4A0263
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	1/18/14 15:24	VHL	P4A0263
1,1-Dichloroethylene	**150**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**1/18/14 15:24**	**VHL**	**P4A0263**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	40	4.0	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	1/18/14 15:24	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	1/18/14 15:24	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	1/18/14 15:24	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	1/18/14 15:24	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	1/18/14 15:24	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	1/18/14 15:24	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	1/18/14 15:24	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	40	4.5	20	8260B	1/18/14 15:24	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	1/18/14 15:24	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	1/18/14 15:24	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	1/18/14 15:24	VHL	P4A0263
Acetone	BRL	ug/L	100	12	20	8260B	1/18/14 15:24	VHL	P4A0263
Acrolein	BRL	ug/L	400	22	20	8260B	1/18/14 15:24	VHL	P4A0263
Acrylonitrile	BRL	ug/L	400	17	20	8260B	1/18/14 15:24	VHL	P4A0263
Benzene	BRL	ug/L	10	1.4	20	8260B	1/18/14 15:24	VHL	P4A0263
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	1/18/14 15:24	VHL	P4A0263
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	1/18/14 15:24	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	1/18/14 15:24	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-20
Prism Sample ID: 4010272-09
Prism Work Order: 4010272
Time Collected: 01/16/14 11:40
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	ug/L	20	5.4	20	8260B	1/18/14 15:24	VHL	P4A0263
Bromomethane	BRL	ug/L	20	9.3	20	8260B	1/18/14 15:24	VHL	P4A0263
Carbon disulfide	BRL	ug/L	100	28	20	8260B	1/18/14 15:24	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	1/18/14 15:24	VHL	P4A0263
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	1/18/14 15:24	VHL	P4A0263
Chloroethane	BRL	ug/L	10	2.6	20	8260B	1/18/14 15:24	VHL	P4A0263
Chloroform	BRL	ug/L	10	1.8	20	8260B	1/18/14 15:24	VHL	P4A0263
Chloromethane	BRL	ug/L	10	2.2	20	8260B	1/18/14 15:24	VHL	P4A0263
cis-1,2-Dichloroethylene	BRL	ug/L	10	1.5	20	8260B	1/18/14 15:24	VHL	P4A0263
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	1/18/14 15:24	VHL	P4A0263
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	1/18/14 15:24	VHL	P4A0263
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	1/18/14 15:24	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	1/18/14 15:24	VHL	P4A0263
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	1/18/14 15:24	VHL	P4A0263
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	1/18/14 15:24	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	1/18/14 15:24	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	1/18/14 15:24	VHL	P4A0263
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	1/18/14 15:24	VHL	P4A0263
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	1/18/14 15:24	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	100	18	20	8260B	1/18/14 15:24	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	1/18/14 15:24	VHL	P4A0263
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	1/18/14 15:24	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	1/18/14 15:24	VHL	P4A0263
Naphthalene	BRL	ug/L	20	2.0	20	8260B	1/18/14 15:24	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	1/18/14 15:24	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	1/18/14 15:24	VHL	P4A0263
o-Xylene	BRL	ug/L	10	0.92	20	8260B	1/18/14 15:24	VHL	P4A0263
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	1/18/14 15:24	VHL	P4A0263
Styrene	BRL	ug/L	10	0.94	20	8260B	1/18/14 15:24	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	1/18/14 15:24	VHL	P4A0263
Tetrachloroethylene	**1200**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**1/18/14 15:24**	**VHL**	**P4A0263**
Toluene	BRL	ug/L	10	0.85	20	8260B	1/18/14 15:24	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	1/18/14 15:24	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	1/18/14 15:24	VHL	P4A0263
Trichloroethylene	**56**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**1/18/14 15:24**	**VHL**	**P4A0263**
Trichlorofluoromethane	BRL	ug/L	10	1.8	20	8260B	1/18/14 15:24	VHL	P4A0263
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	1/18/14 15:24	VHL	P4A0263
Vinyl chloride	BRL	ug/L	10	3.1	20	8260B	1/18/14 15:24	VHL	P4A0263
Xylenes, total	BRL	ug/L	60	2.5	20	8260B	1/18/14 15:24	VHL	P4A0263

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*102 %*	*75-129*
Toluene-d8	*107 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: Dup-1
Prism Sample ID: 4010272-10
Prism Work Order: 4010272
Time Collected: 01/15/14 00:00
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	1/20/14 13:16	VHL	P4A0286
1,1,1-Trichloroethane	BRL	ug/L	10	1.3	20	8260B	1/20/14 13:16	VHL	P4A0286
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	1/20/14 13:16	VHL	P4A0286
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	1/20/14 13:16	VHL	P4A0286
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	1/20/14 13:16	VHL	P4A0286
1,1-Dichloroethylene	**230**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**1/20/14 13:16**	**VHL**	**P4A0286**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2,3-Trichlorobenzene	BRL	ug/L	40	4.0	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	1/20/14 13:16	VHL	P4A0286
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	1/20/14 13:16	VHL	P4A0286
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	1/20/14 13:16	VHL	P4A0286
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	1/20/14 13:16	VHL	P4A0286
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	1/20/14 13:16	VHL	P4A0286
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	1/20/14 13:16	VHL	P4A0286
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	1/20/14 13:16	VHL	P4A0286
2-Chloroethyl Vinyl Ether	BRL	ug/L	40	4.5	20	8260B	1/20/14 13:16	VHL	P4A0286
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	1/20/14 13:16	VHL	P4A0286
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	1/20/14 13:16	VHL	P4A0286
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	1/20/14 13:16	VHL	P4A0286
Acetone	BRL A	ug/L	100	12	20	8260B	1/20/14 13:16	VHL	P4A0286
Acrolein	BRL	ug/L	400	22	20	8260B	1/20/14 13:16	VHL	P4A0286
Acrylonitrile	BRL	ug/L	400	17	20	8260B	1/20/14 13:16	VHL	P4A0286
Benzene	BRL	ug/L	10	1.4	20	8260B	1/20/14 13:16	VHL	P4A0286
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	1/20/14 13:16	VHL	P4A0286
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	1/20/14 13:16	VHL	P4A0286
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	1/20/14 13:16	VHL	P4A0286
Bromoform	BRL	ug/L	20	5.4	20	8260B	1/20/14 13:16	VHL	P4A0286
Bromomethane	BRL	ug/L	20	9.3	20	8260B	1/20/14 13:16	VHL	P4A0286
Carbon disulfide	BRL	ug/L	100	28	20	8260B	1/20/14 13:16	VHL	P4A0286
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	1/20/14 13:16	VHL	P4A0286
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	1/20/14 13:16	VHL	P4A0286
Chloroethane	BRL	ug/L	10	2.6	20	8260B	1/20/14 13:16	VHL	P4A0286
Chloroform	BRL	ug/L	10	1.8	20	8260B	1/20/14 13:16	VHL	P4A0286
Chloromethane	BRL	ug/L	10	2.2	20	8260B	1/20/14 13:16	VHL	P4A0286
cis-1,2-Dichloroethylene	**1800**	**ug/L**	**10**	**1.5**	**20**	**8260B**	**1/20/14 13:16**	**VHL**	**P4A0286**
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	1/20/14 13:16	VHL	P4A0286

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: Dup-1
Prism Sample ID: 4010272-10
Prism Work Order: 4010272
Time Collected: 01/15/14 00:00
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	1/20/14 13:16	VHL	P4A0286
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	1/20/14 13:16	VHL	P4A0286
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	1/20/14 13:16	VHL	P4A0286
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	1/20/14 13:16	VHL	P4A0286
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	1/20/14 13:16	VHL	P4A0286
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	1/20/14 13:16	VHL	P4A0286
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	1/20/14 13:16	VHL	P4A0286
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	1/20/14 13:16	VHL	P4A0286
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	1/20/14 13:16	VHL	P4A0286
Methyl Ethyl Ketone (2-Butanone)	**210**	**ug/L**	**100**	**18**	**20**	**8260B**	**1/20/14 13:16**	**VHL**	**P4A0286**
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	1/20/14 13:16	VHL	P4A0286
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	1/20/14 13:16	VHL	P4A0286
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	1/20/14 13:16	VHL	P4A0286
Naphthalene	BRL	ug/L	20	2.0	20	8260B	1/20/14 13:16	VHL	P4A0286
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	1/20/14 13:16	VHL	P4A0286
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	1/20/14 13:16	VHL	P4A0286
o-Xylene	BRL	ug/L	10	0.92	20	8260B	1/20/14 13:16	VHL	P4A0286
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	1/20/14 13:16	VHL	P4A0286
Styrene	BRL	ug/L	10	0.94	20	8260B	1/20/14 13:16	VHL	P4A0286
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	1/20/14 13:16	VHL	P4A0286
Tetrachloroethylene	**37**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**1/20/14 13:16**	**VHL**	**P4A0286**
Toluene	BRL	ug/L	10	0.85	20	8260B	1/20/14 13:16	VHL	P4A0286
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	1/20/14 13:16	VHL	P4A0286
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	1/20/14 13:16	VHL	P4A0286
Trichloroethylene	**34**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**1/20/14 13:16**	**VHL**	**P4A0286**
Trichlorofluoromethane	BRL	ug/L	10	1.8	20	8260B	1/20/14 13:16	VHL	P4A0286
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	1/20/14 13:16	VHL	P4A0286
Vinyl chloride	BRL	ug/L	10	3.1	20	8260B	1/20/14 13:16	VHL	P4A0286
Xylenes, total	BRL	ug/L	60	2.5	20	8260B	1/20/14 13:16	VHL	P4A0286

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*108 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 4010272-11
Prism Work Order: 4010272
Time Collected: 01/15/14 00:00
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	1/18/14 14:33	VHL	P4A0263
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	1/18/14 14:33	VHL	P4A0263
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	1/18/14 14:33	VHL	P4A0263
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	1/18/14 14:33	VHL	P4A0263
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	1/18/14 14:33	VHL	P4A0263
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	1/18/14 14:33	VHL	P4A0263
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	1/18/14 14:33	VHL	P4A0263
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:33	VHL	P4A0263
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	1/18/14 14:33	VHL	P4A0263
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	1/18/14 14:33	VHL	P4A0263
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	1/18/14 14:33	VHL	P4A0263
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	1/18/14 14:33	VHL	P4A0263
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	1/18/14 14:33	VHL	P4A0263
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	1/18/14 14:33	VHL	P4A0263
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	1/18/14 14:33	VHL	P4A0263
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	1/18/14 14:33	VHL	P4A0263
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	1/18/14 14:33	VHL	P4A0263
Acetone	BRL	ug/L	5.0	0.62	1	8260B	1/18/14 14:33	VHL	P4A0263
Acrolein	BRL	ug/L	20	1.1	1	8260B	1/18/14 14:33	VHL	P4A0263
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	1/18/14 14:33	VHL	P4A0263
Benzene	BRL	ug/L	0.50	0.072	1	8260B	1/18/14 14:33	VHL	P4A0263
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	1/18/14 14:33	VHL	P4A0263
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:33	VHL	P4A0263
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	1/18/14 14:33	VHL	P4A0263
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	1/18/14 14:33	VHL	P4A0263
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	1/18/14 14:33	VHL	P4A0263
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	1/18/14 14:33	VHL	P4A0263
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	1/18/14 14:33	VHL	P4A0263
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	1/18/14 14:33	VHL	P4A0263
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:33	VHL	P4A0263
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	1/18/14 14:33	VHL	P4A0263
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	1/18/14 14:33	VHL	P4A0263
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	1/18/14 14:33	VHL	P4A0263
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	1/18/14 14:33	VHL	P4A0263

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 4010272-11
Prism Work Order: 4010272
Time Collected: 01/15/14 00:00
Time Submitted: 01/17/14 08:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	1/18/14 14:33	VHL	P4A0263
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	1/18/14 14:33	VHL	P4A0263
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	1/18/14 14:33	VHL	P4A0263
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	1/18/14 14:33	VHL	P4A0263
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	1/18/14 14:33	VHL	P4A0263
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	1/18/14 14:33	VHL	P4A0263
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	1/18/14 14:33	VHL	P4A0263
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	1/18/14 14:33	VHL	P4A0263
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	1/18/14 14:33	VHL	P4A0263
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	1/18/14 14:33	VHL	P4A0263
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	1/18/14 14:33	VHL	P4A0263
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	1/18/14 14:33	VHL	P4A0263
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	1/18/14 14:33	VHL	P4A0263
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	1/18/14 14:33	VHL	P4A0263
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	1/18/14 14:33	VHL	P4A0263
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	1/18/14 14:33	VHL	P4A0263
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	1/18/14 14:33	VHL	P4A0263
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	1/18/14 14:33	VHL	P4A0263
Styrene	BRL	ug/L	0.50	0.047	1	8260B	1/18/14 14:33	VHL	P4A0263
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	1/18/14 14:33	VHL	P4A0263
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	1/18/14 14:33	VHL	P4A0263
Toluene	BRL	ug/L	0.50	0.042	1	8260B	1/18/14 14:33	VHL	P4A0263
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	1/18/14 14:33	VHL	P4A0263
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	1/18/14 14:33	VHL	P4A0263
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	1/18/14 14:33	VHL	P4A0263
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	1/18/14 14:33	VHL	P4A0263
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	1/18/14 14:33	VHL	P4A0263
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	1/18/14 14:33	VHL	P4A0263
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	1/18/14 14:33	VHL	P4A0263

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*109 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0263 - 5030B										
Blank (P4A0263-BLK1)				Prepared & Analyzed: 01/18/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0263 - 5030B										
Blank (P4A0263-BLK1)				Prepared & Analyzed: 01/18/14						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*56.9*		*ug/L*	*50.00*		*114*	*80-124*			
Surrogate: Dibromofluoromethane	*52.4*		*ug/L*	*50.00*		*105*	*75-129*			
Surrogate: Toluene-d8	*55.5*		*ug/L*	*50.00*		*111*	*77-123*			

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Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0263 - 5030B										
LCS (P4A0263-BS1)				Prepared & Analyzed: 01/18/14						
1,1-Dichloroethylene	18.5	0.50	ug/L	20.00		93	70-154			
Benzene	18.3	0.50	ug/L	20.00		92	77-128			
Chlorobenzene	18.7	0.50	ug/L	20.00		94	78-119			
Toluene	19.3	0.50	ug/L	20.00		96	76-131			
Trichloroethylene	18.7	0.50	ug/L	20.00		94	77-133			
Xylenes, total	60.2	3.0	ug/L	60.00		100	77-133			
Surrogate: 4-Bromofluorobenzene	*51.8*		*ug/L*	*50.00*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*51.2*		*ug/L*	*50.00*		*102*	*77-123*			
LCS Dup (P4A0263-BSD1)				Prepared & Analyzed: 01/18/14						
1,1-Dichloroethylene	20.3	0.50	ug/L	20.00		101	70-154	9	20	
Benzene	20.0	0.50	ug/L	20.00		100	77-128	9	20	
Chlorobenzene	20.5	0.50	ug/L	20.00		102	78-119	9	20	
Toluene	21.2	0.50	ug/L	20.00		106	76-131	9	20	
Trichloroethylene	20.6	0.50	ug/L	20.00		103	77-133	10	20	
Xylenes, total	65.9	3.0	ug/L	60.00		110	77-133	9	20	
Surrogate: 4-Bromofluorobenzene	*51.9*		*ug/L*	*50.00*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*50.0*		*ug/L*	*50.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50.00*		*102*	*77-123*			
Batch P4A0286 - 5030B										
Blank (P4A0286-BLK1)				Prepared & Analyzed: 01/20/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0286 - 5030B										
Blank (P4A0286-BLK1)				Prepared & Analyzed: 01/20/14						
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0286 - 5030B										
Blank (P4A0286-BLK1)				Prepared & Analyzed: 01/20/14						
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*57.4*		*ug/L*	*50.00*		*115*	*80-124*			
Surrogate: Dibromofluoromethane	*51.9*		*ug/L*	*50.00*		*104*	*75-129*			
Surrogate: Toluene-d8	*55.8*		*ug/L*	*50.00*		*112*	*77-123*			
LCS (P4A0286-BS1)				Prepared & Analyzed: 01/20/14						
1,1-Dichloroethylene	21.2	0.50	ug/L	20.00		106	70-154			
Benzene	20.2	0.50	ug/L	20.00		101	77-128			
Chlorobenzene	20.6	0.50	ug/L	20.00		103	78-119			
Toluene	21.3	0.50	ug/L	20.00		106	76-131			
Trichloroethylene	20.6	0.50	ug/L	20.00		103	77-133			
Xylenes, total	67.2	3.0	ug/L	60.00		112	77-133			
Surrogate: 4-Bromofluorobenzene	*53.4*		*ug/L*	*50.00*		*107*	*80-124*			
Surrogate: Dibromofluoromethane	*50.7*		*ug/L*	*50.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50.00*		*104*	*77-123*			
LCS Dup (P4A0286-BSD1)				Prepared & Analyzed: 01/20/14						
1,1-Dichloroethylene	20.2	0.50	ug/L	20.00		101	70-154	5	20	
Benzene	19.8	0.50	ug/L	20.00		99	77-128	1	20	
Chlorobenzene	20.4	0.50	ug/L	20.00		102	78-119	1	20	
Toluene	21.0	0.50	ug/L	20.00		105	76-131	2	20	
Trichloroethylene	20.4	0.50	ug/L	20.00		102	77-133	1	20	
Xylenes, total	65.8	3.0	ug/L	60.00		110	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*54.0*		*ug/L*	*50.00*		*108*	*80-124*			
Surrogate: Dibromofluoromethane	*51.4*		*ug/L*	*50.00*		*103*	*75-129*			
Surrogate: Toluene-d8	*52.2*		*ug/L*	*50.00*		*104*	*77-123*			

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0267 - 3010A										
Blank (P4A0267-BLK1)				Prepared & Analyzed: 01/20/14						
Iron	BRL	0.050	mg/L							
Magnesium	BRL	0.10	mg/L							
LCS (P4A0267-BS1)				Prepared & Analyzed: 01/20/14						
Iron	5.20	0.050	mg/L	5.000		104	80-120			
Magnesium	5.09	0.10	mg/L	5.000		102	80-120			
Matrix Spike (P4A0267-MS1)		**Source: 4010272-01**		Prepared & Analyzed: 01/20/14						
Iron	93.6	0.050	mg/L	5.000	91.3	45	75-125			MC
Magnesium	22.5	0.10	mg/L	5.000	18.1	87	75-125			
Matrix Spike Dup (P4A0267-MSD1)		**Source: 4010272-01**		Prepared & Analyzed: 01/20/14						
Iron	95.1	0.050	mg/L	5.000	91.3	76	75-125	2	20	
Magnesium	22.9	0.10	mg/L	5.000	18.1	95	75-125	2	20	

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0282 - NO PREP										
Blank (P4A0282-BLK1)				Prepared & Analyzed: 01/17/14						
Nitrate as N	BRL	0.10	mg/L							
Sulfate	BRL	1.0	mg/L							
LCS (P4A0282-BS1)				Prepared & Analyzed: 01/17/14						
Nitrate as N	3.90	0.10	mg/L	4.000		97	80-120			
Sulfate	40.1	1.0	mg/L	40.20		100	80-120			

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4010272
Time Submitted: 1/17/2014 8:20:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0284 - NO PREP										
Blank (P4A0284-BLK1)				Prepared & Analyzed: 01/20/14						
Total Alkalinity	BRL	5.0	mg/L							
LCS (P4A0284-BS1)				Prepared & Analyzed: 01/20/14						
Total Alkalinity	244	5.0	mg/L	250.0		98	90-110			
LCS Dup (P4A0284-BSD1)				Prepared & Analyzed: 01/20/14						
Total Alkalinity	246	5.0	mg/L	250.0		98	90-110	0.8	200	
Duplicate (P4A0284-DUP1)		**Source: 4010272-09**		Prepared & Analyzed: 01/20/14						
Total Alkalinity	BRL	5.0	mg/L		BRL				20	
Batch P4A0285 - NO PREP										
Blank (P4A0285-BLK1)				Prepared & Analyzed: 01/17/14						
Ferrous Iron	BRL	0.20	mg/L							
LCS (P4A0285-BS1)				Prepared & Analyzed: 01/17/14						
Ferrous Iron	1.90	0.20	mg/L	2.000		95	90-110			
Matrix Spike (P4A0285-MS1)		**Source: 4010272-03**		Prepared & Analyzed: 01/17/14						
Ferrous Iron	1.90	0.20	mg/L	2.000	BRL	95	80-120			
Matrix Spike Dup (P4A0285-MSD1)		**Source: 4010272-03**		Prepared & Analyzed: 01/17/14						
Ferrous Iron	1.90	0.20	mg/L	2.000	BRL	95	80-120	0	20	

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Sample Extraction Data

Prep Method: 3010A

Lab Number	Batch	Initial	Final	Date/Time
4010272-01	P4A0267	50 mL	50 mL	01/20/14 8:30
4010272-03	P4A0267	50 mL	50 mL	01/20/14 8:30
4010272-06	P4A0267	50 mL	50 mL	01/20/14 8:30
4010272-09	P4A0267	50 mL	50 mL	01/20/14 8:30

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
4010272-01	P4A0286	10 mL	10 mL	01/20/14 8:43
4010272-02	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-02	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-03	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-04	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-04	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-05	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-05	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-06	P4A0286	10 mL	10 mL	01/20/14 8:43
4010272-06	P4A0286	10 mL	10 mL	01/20/14 8:43
4010272-07	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-07	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-08	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-08	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-09	P4A0263	10 mL	10 mL	01/18/14 9:18
4010272-10	P4A0286	10 mL	10 mL	01/20/14 8:43
4010272-11	P4A0263	10 mL	10 mL	01/18/14 9:18

Subcontracted Analyses

The following analyses were subcontracted to Gulf Coast Analytical Labs, Inc.

Lab Number	Analysis
4010272-01	RSK175 (Sub)
4010272-01	TOC (Sub)
4010272-03	RSK175 (Sub)
4010272-03	TOC (Sub)
4010272-06	RSK175 (Sub)
4010272-06	TOC (Sub)
4010272-09	RSK175 (Sub)
4010272-09	TOC (Sub)

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: Solutions - IES
Report To/Contact Name: Jody Overmyer
Reporting Address: 1101 Nowell Rd Raleigh NC 27607
Phone: 919-873-1060 Fax (Yes) (No): _____
Email Address: jovermyer@solutions-ies.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Eaton Selma
Site Location Physical Address: 1100 E Preston St. Selma NC

Project Name: Eaton Selma
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Emily Davis
Address: _____

Purchase Order No./Billing Reference_____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☑ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?			
PROPER PRESERVATIVES indicated?			
Received WITHIN HOLDING TIMES?			
CUSTODY SEALS INTACT?			
VOLATILES rec'd W/OUT HEADSPACE?			
PROPER CONTAINERS used?			

TEMP: Therm ID: IR-10 Observed: 1.6 °C / Corr: 1.2 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ FL____ NC____ SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES___ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs 8260B	Nitrate	Sulfate 9056	Fe 2+	SM3500-Fe B	Fe 2+, mg	total Fe	MCE	RSK-175	TOC	SM 5310B	NH3 ammonia SM 4500	REMARKS	PRISM LAB ID NO.
MW-2	1/16/14	1255	GW					X	X	X	X			X	X		X	X			01
MW-4	1/15/14	1420						X													02
MW-7	1/16/14	1120						X	X	X	X			X	X		X	X			03
MW-8	1/15/14	1350						X													04
MW-9	1/15/14	1428						X													05
MW-16	1/16/14	1253						X	X	X	X			X	X		X	X			06
MW-18	1/15/14	1505						X													07
MW-19	1/15/14	1524						X													08
MW-20	1/16/14	1140						X	X	X	X			X	X		X	X			09
Dup-1	—	—						X													10

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature _____ Sampled By (Print Name) Samuel McIntyre Affiliation SICS

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	1/16/14	16:30
Relinquished By: (Signature)	Received By: (Signature)	1/17/14	0800
Relinquished By: (Signature)	Received For Prism Laboratories By:	1/17/14	0820

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other_____
COC Group No. 4011027-2

Additional Comments: low run VOCs

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: Eaton Selma
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Emily Davis
Address: _____

Client Company Name: Solutions-IES
Report To/Contact Name: Jody Overmyer
Reporting Address: 1101 Nowell Rd
Raleigh NC 27607
Phone: 919 873 1060 Fax (Yes) (No): _____
Email Address: jovermyer@solutions-ies.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Eaton Selma
Site Location Physical Address: 1100 E Preston St.
Selma NC

Purchase Order No./Billing Reference_____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ ~~Standard~~ 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?			
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?			
Received WITHIN HOLDING TIMES?			
CUSTODY SEALS INTACT?			
VOLATILES rec'd W/OUT HEADSPACE?			
PROPER CONTAINERS used?			

TEMP: Therm ID: IR-10 Observed: 1.6 °C / Corr: 1.2 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ FL_____ NC_____
SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES___ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED VOCs 8260B						REMARKS	PRISM LAB ID NO.
Trip Blank	—	—	W					X							11

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature [signature] Sampled By (Print Name) Samuel McIntyre Affiliation SIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	1/16/14	16:30
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	1/17/14	0800
Relinquished By: (Signature) [signature]	Received For Prism Laboratories By: [signature]	1/17/14	0820

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

COC Group No. 40140272

☐ Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other_____

Additional Comments: low run VOCs

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

ES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
C ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
	☐	☐	☐	☐	☐	☐	☐	☐

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Prism Laboratories, Inc.
PO BOX 240543
Charlotte, NC 28224

ATTENTION
Angie Overcash

PROJECT ID
4010272

LABORATORY REPORT NUMBER
214012015

DATE
01/24/2014

Primary Data Review By

Authorized Signature

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 Innovation Park Dr., Baton Rouge, LA 70820.**
- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**
- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.
7979 Innovation Park Dr.
Baton Rouge, LA 70820

Report Date 01/24/2014

GCAL Report 214012015

Deliver To	Prism Laboratories, Inc. PO BOX 240543 Charlotte, NC 28224 706-529-6364
Attn	Angie Overcash

Project 4010272

CASE NARRATIVE

Client: Access Analytical **Report:** 214012015

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.

CONVENTIONALS

In the SM 5310 B-2011 analysis, samples 21401201501 (MW-2) and 21401201503 (MW-16) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

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.

Karen Melerine

Karen Melerine/Manager

Authorized Signature
GCAL REPORT 214012015

THIS REPORT CONTAINS 15 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201501	MW-2	Water	01/16/2014 12:55	01/18/2014 09:30
21401201502	MW-7	Water	01/16/2014 11:20	01/18/2014 09:30
21401201503	MW-16	Water	01/16/2014 12:53	01/18/2014 09:30
21401201504	MW-20	Water	01/16/2014 11:40	01/18/2014 09:30

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201501	MW-2	Water	01/16/2014 12:55	01/18/2014 09:30

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	1.88	1.00	0.087	ug/L
74-85-1	Ethene	0.535J	1.00	0.071	ug/L
74-82-8	Methane	7.26	5.00	0.435	ug/L

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	261	10.0	3.0	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201502	MW-7	Water	01/16/2014 11:20	01/18/2014 09:30

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	0.70J	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201503	MW-16	Water	01/16/2014 12:53	01/18/2014 09:30

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.269J	1.00	0.087	ug/L
74-85-1	Ethene	0.241J	1.00	0.071	ug/L
74-82-8	Methane	1.97J	5.00	0.435	ug/L

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	244	5.0	1.5	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201504	MW-20	Water	01/16/2014 11:40	01/18/2014 09:30

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	5.9	1.0	0.30	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201504	MW-20	Water	01/16/2014 11:40	01/18/2014 09:30

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	11.3	5.00	0.435	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201501	MW-2	Water	01/16/2014 12:55	01/18/2014 09:30

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/23/2014 18:56	JAR	524192

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	1.88	1.00	0.087	ug/L
74-85-1	Ethene	0.535J	1.00	0.071	ug/L
74-82-8	Methane	7.26	5.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	25.8	ug/L	64	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	01/22/2014 09:25	JEM	523938

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	261	10.0	3.0	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201502	MW-7	Water	01/16/2014 11:20	01/18/2014 09:30

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/23/2014 19:04	JAR	524192

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	Methane	0.435U	5.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	21.9	ug/L	54	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 20:57	JEM	523938

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**0.70J**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201503	MW-16	Water	01/16/2014 12:53	01/18/2014 09:30

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/23/2014 19:10	JAR	524192

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.269J	1.00	0.087	ug/L
74-85-1	Ethene	0.241J	1.00	0.071	ug/L
74-82-8	Methane	1.97J	5.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	31.9	ug/L	79	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	01/22/2014 09:46	JEM	523938

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	244	5.0	1.5	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401201504	**MW-20**	Water	01/16/2014 11:40	01/18/2014 09:30

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/23/2014 19:16	JAR	524192

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	**Methane**	**11.3**	**5.00**	**0.435**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	21.4	ug/L	53	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 21:40	JEM	523938

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**5.9**	**1.0**	**0.30**	**mg/L**

General Chromatography Quality Control Summary

Analytical Batch 524192	Client ID	MB524192			LCS524192			LCSD524192			
Prep Batch N/A	GCAL ID	1276742			1276743			1276744			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	01/23/2014 18:16			01/23/2014 18:44			01/23/2014 18:50			
	Matrix	Water			Water			Water			
EPA RSK-175		**Units** Result	ug/L RDL	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
74-82-8	Methane	0.435U	0.435	17.5	12.9	74	39 - 120	12.0	69	7	27
74-85-1	Ethene	0.071U	0.071	3.06	2.44	80	45 - 134	2.28	75	7	25
74-84-0	Ethane	0.087U	0.087	3.28	2.63	80	45 - 128	2.46	75	7	29
Surrogate											
115-07-1	Propene	26	64	40.5	26.4	65	40 - 143	23.6	58		

General Chemistry Quality Control Summary

Analytical Batch 523938	Client ID	MB523938			LCS523938		
Prep Batch N/A	GCAL ID	1275109			1275110		
	Sample Type	Method Blank			LCS		
	Analytical Date	01/21/2014 11:13			01/21/2014 10:48		
	Matrix	Water			Water		
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
C-012 Total Organic Carbon		0.30U	0.30	50.0	48.3	97	80 - 120

Analytical Batch 523938	Client ID	U31D201G			1274510MS			1274510MSD			
Prep Batch N/A	GCAL ID	21401180601			1275113			1275114			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	01/21/2014 18:40			01/21/2014 19:00			01/21/2014 19:16			
	Matrix	Water			Water			Water			
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-012 Total Organic Carbon		158	1.5	250	409	101	75 - 125	410	101	0	25

Client ID: 4565 - Access Analytical

SDG: 14 of 15 214012015

Due Date: 01/24/14

BCONTRACT ORDER

rism Laboratories, Inc.

4010272

SENDING LABORATORY:

Prism Laboratories, Inc.
P. O. Box 240543
Charlotte, NC 28224-0543
Phone: 800-529-6364
Fax: 704-525-0409
Project Manager: Angela D. Overcash

RECEIVING LABORATORY:

Gulf Coast Analytical Labs, Inc.
7979 GSRI Avenue
Baton Rouge, LA 70820
Phone :(225) 769-4900
Fax: (225) 767-5717

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 4010272-01	**Water**	**Sampled:01/16/14 12:55**	MW-2	1
TOC (Sub)		02/13/14 12:55		
RSK175 (Sub)		01/30/14 12:55		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4010272-03	**Water**	**Sampled:01/16/14 11:20**	MW-7	2
TOC (Sub)		02/13/14 11:20		
RSK175 (Sub)		01/30/14 11:20		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4010272-06	**Water**	**Sampled:01/16/14 12:53**	MW-16	3
TOC (Sub)		02/13/14 12:53		
RSK175 (Sub)		01/30/14 12:53		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4010272-09	**Water**	**Sampled:01/16/14 11:40**	MW-20	4
TOC (Sub)		02/13/14 11:40		
RSK175 (Sub)		01/30/14 11:40		Methane, Ethane, Ethene
Containers Supplied:				

4.8 E22

Released By	Date	Received By	Date
[signature]	1-17-14	FEDEX	1-17-14
FEDEX	1-18-14 930	[signature]	1/18/14 930

79716 6636 4480

SAMPLE RECEIVING CHECKLIST

214012015

SAMPLE DELIVERY GROUP: 214012015

Client 4565 - Access Analytical	Transport Method FEDEX
Profile Number 80251	Received By Saucier, Charlotte
Line Item(s) 1 - Water BTEX/Naph/MTBE	Receive Date(s) 01/13/14

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)
7976 6636 4480		4.8

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

Revision 1.4

Page 1 of 1

Microseeps/Pace Analytical Energy Services, LLC
220 William Pitt Way
Pittsburgh, PA 15238
Phone: (412) 826-5245
Fax: (412) 826-3433

January 31, 2014

Jody Overmyer
Solutions IES
1101 Nowell Rd.
Raleigh, NC 27607

RE: **EATON SELMA / 2013.0014.EATN**

Microseeps Workorder: 11184

Dear Jody Overmyer:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, January 17, 2014. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Robbin Robl CT 2/3/14

Robbin Robl 01/31/2014
rrobl@microseeps.com

Customer Service Representative

Enclosures

As a valued client we would appreciate your comments on our service.
Please email info@microseeps.com.

Total Number of Pages 11

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LABORATORY ACCREDITATIONS & CERTIFICATIONS

Accreditor:	Pennsylvania Department of Environmental Protection, Bureau of Laboratories
Accreditation ID:	02-00538
Scope:	NELAP Non-Potable Water and Solid & Hazardous Waste
Accreditor:	NELAP: State of Florida, Department of Health, Bureau of Laboratories
Accreditation ID:	E87832
Scope:	Clean Water Act (CWA) Resource Conservation and Recovery Act (RCRA)
Accreditor:	South Carolina Department of Health and Environmental Control, Office of Environmental Laboratory Certification
Accreditation ID:	89009003
Scope:	Clean Water Act (CWA); Resource Conservation and Recovery Act (RCRA)
Accreditor:	NELAP: State of Louisiana, Department of Environmental Quality
Accreditation ID:	04104
Scope:	Solid and Chemical Materials; Non-Potable Water
Accreditor:	NELAP: New Jersey, Department of Environmental Protection
Accreditation ID:	PA026
Scope:	Non-Potable Water; Solid and Chemical Materials
Accreditor:	NELAP: New York, Department of Health Wadsworth Center
Accreditation ID:	11815
Scope:	Non-Potable Water; Solid and Hazardous Waste
Accreditor:	State of Connecticut, Department of Public Health, Division of Environmental Health
Accreditation ID:	PH-0263
Scope:	Clean Water Act (CWA) Resource Conservation and Recovery Act (RCRA)
Accreditor:	NELAP: Texas, Commission on Environmental Quality
Accreditation ID:	T104704453-09-TX
Scope:	Non-Potable Water
Accreditor:	State of New Hampshire
Accreditation ID:	299409
Scope:	Non-potable water
Accreditor:	State of Georgia
Accreditation ID:	Chapter 391-3-26
Scope:	As per the Georgia EPD Rules and Regulations for Commercial Laboratories, Microseeps is accredited by the Pennsylvania Department of Environmental Protection Bureau of Laboratories under the National Environmental Laboratory Approval Program (NELAC).

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SAMPLE SUMMARY

Workorder: 11184 EATON SELMA / 2013.0014.EATN

Lab ID	Sample ID	Matrix	Date Collected	Date Received
111840001	MW-2	Water	1/16/2014 12:55	1/17/2014 11:15
111840002	MW-16	Water	1/16/2014 12:53	1/17/2014 11:15

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ANALYTICAL RESULTS

Workorder: 11184 EATON SELMA / 2013.0014.EATN

Lab ID: **111840001** Date Received: 1/17/2014 11:15 Matrix: Water

Sample ID: **MW-2** Date Collected: 1/16/2014 12:55

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**3.2J**	mg/l	10	1.3	100			1/28/2014 20:50	KB	
Acetic Acid	**370**	mg/l	7.0	0.50	100			1/28/2014 20:50	KB	
Propionic Acid	**360**	mg/l	5.0	0.80	100			1/28/2014 20:50	KB	
Formic Acid	**6.2**	mg/l	1.0	0.040	10			1/28/2014 20:04	KB	
Butyric Acid	**49**	mg/l	0.50	0.11	10			1/28/2014 20:04	KB	
Pyruvic Acid	**6.6**	mg/l	1.5	0.14	10			1/28/2014 20:04	KB	
i-Pentanoic Acid	**2.0**	mg/l	1.5	0.090	10			1/28/2014 20:04	KB	
Pentanoic Acid	**30**	mg/l	0.70	0.11	10			1/28/2014 20:04	KB	
i-Hexanoic Acid	**0.10 U**	mg/l	0.10	0.029	1			1/28/2014 02:32	KB	
Hexanoic Acid	**3.2**	mg/l	0.50	0.22	1			1/28/2014 02:32	KB	

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ANALYTICAL RESULTS

Workorder: 11184 EATON SELMA / 2013.0014.EATN

Lab ID: **111840002** Date Received: 1/17/2014 11:15 Matrix: Water

Sample ID: **MW-16** Date Collected: 1/16/2014 12:53

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**0.18J**	mg/l	1.0	0.13	10			1/28/2014 21:36	KB	
Acetic Acid	**220**	mg/l	7.0	0.50	100			1/28/2014 22:22	KB	
Propionic Acid	**62**	mg/l	5.0	0.80	100			1/28/2014 22:22	KB	
Formic Acid	**3.0**	mg/l	1.0	0.040	10			1/28/2014 21:36	KB	
Butyric Acid	**4.6**	mg/l	0.50	0.11	10			1/28/2014 21:36	KB	
Pyruvic Acid	**0.26**	mg/l	0.15	0.014	1			1/28/2014 03:19	KB	
i-Pentanoic Acid	**0.24**	mg/l	0.15	0.0090	1			1/28/2014 03:19	KB	
Pentanoic Acid	**0.95**	mg/l	0.070	0.011	1			1/28/2014 03:19	KB	
i-Hexanoic Acid	**0.10 U**	mg/l	0.10	0.029	1			1/28/2014 03:19	KB	
Hexanoic Acid	**0.38J**	mg/l	0.50	0.22	1			1/28/2014 03:19	KB	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 11184 EATON SELMA / 2013.0014.EATN

DEFINITIONS/QUALIFIERS

Disclaimer : The Pennsylvania Department of Environmental Protection (PADEP) has decided to no longer recognize analyses that do not produce data for primary compliance, for NELAP accreditation. The methods affected by this decision are AM20GAx, AM21G, SW846 7199 and AM4.02. The laboratory shall continue to administer the NELAP/TNI standard requirements in the performance of these methods.

MDL	Method Detection Limit. Can be used synonymously with LOD; Limit Of Detection.
PQL	Practical Quanitation Limit. Can be used synonymously with LOQ; Limit Of Quantitation.
ND	Not detected at or above reporting limit.
DF	Dilution Factor.
S	Surrogate.
RPD	Relative Percent Difference.
% Rec	Percent Recovery.
U	Indicates the compound was analyzed for, but not detected at or above the noted concentration.
J	Estimated concentration greater than the set method detection limit (MDL) and less than the set reporting limit (PQL).

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QUALITY CONTROL DATA

Workorder: 11184 EATON SELMA / 2013.0014.EATN

QC Batch: EDON/1985 Analysis Method: AM23G

QC Batch Method: AM23G

Associated Lab Samples: 111840001, 111840002

METHOD BLANK: 25423

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
EDonors				
Pyruvic Acid	mg/l	0.15 U	0.15	
i-Pentanoic Acid	mg/l	0.15 U	0.15	
Pentanoic Acid	mg/l	0.070 U	0.070	
i-Hexanoic Acid	mg/l	0.10 U	0.10	
Hexanoic Acid	mg/l	0.50 U	0.50	

LABORATORY CONTROL SAMPLE: 25424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
EDonors						
Pyruvic Acid	mg/l	2	1.9	96	70-130	
i-Pentanoic Acid	mg/l	2	1.9	95	70-130	
Pentanoic Acid	mg/l	2	2.0	101	70-130	
i-Hexanoic Acid	mg/l	2	2.1	105	70-130	
Hexanoic Acid	mg/l	2	1.9	94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25425 25426 Original: 111870001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
EDonors											
Pyruvic Acid	mg/l	0	2	2.1	2.0	103	103	70-130	0	30	
i-Pentanoic Acid	mg/l	0	2	2.1	2.0	106	101	70-130	4.8	30	
Pentanoic Acid	mg/l	0	2	2.2	2.0	109	102	70-130	6.6	30	
i-Hexanoic Acid	mg/l	0	2	2.4	2.1	118	104	70-130	13	30	
Hexanoic Acid	mg/l	0.12	2	2.4	2.2	113	105	70-130	7.3	30	

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QUALITY CONTROL DATA

Workorder: 11184 EATON SELMA / 2013.0014.EATN

QC Batch: EDON/1991 Analysis Method: AM23G

QC Batch Method: AM23G

Associated Lab Samples: 111840001, 111840002

METHOD BLANK: 25582

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
EDonors				
Lactic Acid	mg/l	0.044J	0.10	
Acetic Acid	mg/l	0.0078J	0.070	
Propionic Acid	mg/l	0.050 U	0.050	
Formic Acid	mg/l	0.071J	0.10	
Butyric Acid	mg/l	0.050 U	0.050	
Pyruvic Acid	mg/l	0.15 U	0.15	
i-Pentanoic Acid	mg/l	0.15 U	0.15	
Pentanoic Acid	mg/l	0.070 U	0.070	

LABORATORY CONTROL SAMPLE: 25583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
EDonors						
Lactic Acid	mg/l	2	2.2	110	70-130	
Acetic Acid	mg/l	2	2.0	103	70-130	
Propionic Acid	mg/l	2	2.0	99	70-130	
Formic Acid	mg/l	2	1.9	93	70-130	
Butyric Acid	mg/l	2	2.0	102	70-130	
Pyruvic Acid	mg/l	2	2.0	99	70-130	
i-Pentanoic Acid	mg/l	2	1.9	95	70-130	
Pentanoic Acid	mg/l	2	2.0	98	70-130	

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 11184 EATON SELMA / 2013.0014.EATN

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
111840001	MW-2			AM23G	EDON/1985
111840002	MW-16			AM23G	EDON/1985
111840001	MW-2			AM23G	EDON/1991
111840002	MW-16			AM23G	EDON/1991

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Microseeps

111824

Page: of

001762

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Solutions-IES	Report To: Jody Overmyer	Attention: Emily Davis
Address: 1101 Nowell Rd	Copy To:	Company Name: Solutions-IES
Raleigh NC 27607		Address: 1101 Nowell Rd Raleigh NC 27607
Email To: jovermyer@solutions-ies.com	Purchase Order No.:	Pace Quote Reference:
Phone: 919-873-1064 Fax:	Project Name: EATON SELMA	Pace Project Manager:
Requested Due Date/TAT: STD	Project Number: 2013.0014.EATN	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	TSP	BAK	Zink Acetate & NaOH	Other	Analysis Test ↓ Y/N	Low-level VOAs (Am 624)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT	G			1/16/14	1255		[illegible]						X						
2	MW-16	WT	G			1/16/14	1253		2						X						
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Samuel McIntyre / SIES	1/16/13	1450	[signature]	1.17.14	1115	4°C	Y	Y	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Samuel McIntyre

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 01/16/2014

2

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Cooler Receipt Form

Client Name: Solutions IES **Project:** Eaton Selma 12013.0214.Eatn **Lab Work Order:** 11184

A. **Shipping/Container Information** (circle appropriate response)

Courier: FedEx UPS USPS Client Other:_____ **Air bill Present:** Yes No

Tracking Number: 7976 5338 4600

Custody Seal on Cooler/Box Present: Yes No **Seals Intact:** Yes No

Cooler/Box Packing Material: Bubble Wrap Absorbent Foam Other:_____

Type of Ice: Wet Blue None **Ice Intact:** Yes Melted

Cooler Temperature: 4°C **Radiation Screened:** Yes No **Chain of Custody Present:** Yes No

Comments:_____

B. **Laboratory Assignment/Log-in** (check appropriate response)

	YES	NO	N/A	Comment Reference non-Conformance
Chain of Custody properly filled out	✓			
Chain of Custody relinquished	✓			
Sampler Name & Signature on COC	✓			
Containers intact	✓			
Were samples in separate bags	✓			
Sample container labels match COC Sample name/date and time collected	✓			
Sufficient volume provided	✓			
Microseeps containers used	✓			
Are containers properly preserved for the requested testing? (as labeled)	✓			
If an unknown preservation state, were containers checked? Exception: VOA's coliform			✓	If yes, see pH form.
Was volume for dissolved testing field filtered, as noted on the COC? Was volume received in a preserved container?			✓	

Comments:_____

Cooler contents examined/received by : LY **Date:** 1.17.14

Project Manager Review : CA **Date:** 1/20/14

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

06/10/2014

Solutions-IES, Inc.
Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Lab Submittal Date: 04/29/2014
Prism Work Order: 4040530

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Narrative Notes:

This is a Revised Report and supercedes the original laboratory report dated 5/15/14. Mercury has been removed from the report.

Methane, Ethane, Ethene and TOC analysis was subcontracted to GCAL. Laboratory report is attached.

Total Page Count is 38.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash
VP Laboratory Services

Reviewed By Robbi A. Jones For Angela D. Overcas
President/Project Manager

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Data Qualifiers Key Reference:

A	Recovery for final CCV (112%) is outside the control limits (90-110%).
CVL	CCV result is below the control limits. LCS recovery within the limits. Analyte not detected in the sample. No further action taken.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

06/10/2014

Prism Work Order: 4040530

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
MW-9	4040530-01	Water	04/29/14	04/29/14
MW-8	4040530-02	Water	04/29/14	04/29/14
MW-7	4040530-03	Water	04/29/14	04/29/14
MW-20	4040530-04	Water	04/29/14	04/29/14
TB-2	4040530-05	Water	04/29/14	04/29/14

Samples were received in good condition at 2.9 degrees C unless otherwise noted.

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Summary of Detections

06/10/2014

Prism Work Order: 4040530

Prism ID	Client ID	Parameter	Method	Result		Units
4040530-01	MW-9	Nitrate as N	*9056A	0.79	A	mg/L
4040530-01	MW-9	Sulfate	*9056A	33		mg/L
4040530-01	MW-9	Total Alkalinity	*SM2320 B	12		mg/L
4040530-01	MW-9	Iron	*6010C	0.35		mg/L
4040530-01	MW-9	Magnesium	*6010C	1.0		mg/L
4040530-01	MW-9	1,1,1-Trichloroethane	8260B	2.9		ug/L
4040530-01	MW-9	1,1-Dichloroethane	8260B	0.68		ug/L
4040530-01	MW-9	1,1-Dichloroethylene	8260B	17		ug/L
4040530-01	MW-9	Tetrachloroethylene	8260B	220		ug/L
4040530-01	MW-9	Trichloroethylene	8260B	5.5		ug/L
4040530-02	MW-8	Ferrous Iron	*SM3500-Fe D	68		mg/L
4040530-02	MW-8	Sulfide	*SM4500-S F	2.7		mg/L
4040530-02	MW-8	Total Alkalinity	*SM2320 B	190		mg/L
4040530-02	MW-8	Iron	*6010C	76		mg/L
4040530-02	MW-8	Magnesium	*6010C	10		mg/L
4040530-02	MW-8	1,1,1-Trichloroethane	8260B	3.4		ug/L
4040530-02	MW-8	1,1-Dichloroethane	8260B	8.6		ug/L
4040530-02	MW-8	1,1-Dichloroethylene	8260B	60		ug/L
4040530-02	MW-8	Acrolein	8260B	42	J	ug/L
4040530-02	MW-8	cis-1,2-Dichloroethylene	8260B	5.8		ug/L
4040530-02	MW-8	Methyl Ethyl Ketone (2-Butanone)	8260B	60		ug/L
4040530-02	MW-8	Tetrachloroethylene	8260B	65		ug/L
4040530-02	MW-8	Trichloroethylene	8260B	13		ug/L
4040530-03	MW-7	Nitrate as N	*9056A	2.7	A	mg/L
4040530-03	MW-7	Sulfate	*9056A	70		mg/L
4040530-03	MW-7	Total Alkalinity	*SM2320 B	7.0		mg/L
4040530-03	MW-7	Iron	*6010C	0.41		mg/L
4040530-03	MW-7	Magnesium	*6010C	3.7		mg/L
4040530-03	MW-7	1,1,1-Trichloroethane	8260B	110		ug/L
4040530-03	MW-7	1,1-Dichloroethylene	8260B	370		ug/L
4040530-03	MW-7	Tetrachloroethylene	8260B	1500		ug/L
4040530-03	MW-7	Trichloroethylene	8260B	130		ug/L
4040530-03	MW-7	Trichlorofluoromethane	8260B	10		ug/L
4040530-04	MW-20	Sulfate	*9056A	570		mg/L
4040530-04	MW-20	Ferrous Iron	*SM3500-Fe D	3.4		mg/L
4040530-04	MW-20	Sulfide	*SM4500-S F	3.2		mg/L
4040530-04	MW-20	Iron	*6010C	0.97		mg/L
4040530-04	MW-20	Magnesium	*6010C	6.2		mg/L
4040530-04	MW-20	1,1,1-Trichloroethane	8260B	55		ug/L
4040530-04	MW-20	1,1-Dichloroethylene	8260B	200		ug/L
4040530-04	MW-20	Acetone	8260B	110		ug/L
4040530-04	MW-20	Tetrachloroethylene	8260B	1300		ug/L
4040530-04	MW-20	Trichloroethylene	8260B	78		ug/L

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 4040530-01
Prism Work Order: 4040530
Time Collected: 04/29/14 11:45
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**0.79 A**	**mg/L**	**0.10**	**0.046**	**1**	***9056A**	**4/30/14 12:27**	**MES**	**P4E0025**
Sulfate	**33**	**mg/L**	**1.0**	**0.13**	**1**	***9056A**	**5/13/14 8:30**	**PJF**	**P4E0226**
General Chemistry Parameters									
Ferrous Iron	BRL	mg/L	0.20	0.039	1	*SM3500-Fe D	4/30/14 11:25	JAB	P4E0054
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	**12**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**5/8/14 12:00**	**MES**	**P4E0151**
Total Metals									
Iron	**0.35**	**mg/L**	**0.10**	**0.026**	**1**	***6010C**	**4/30/14 18:54**	**BGM**	**P4D0609**
Magnesium	**1.0**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 18:54**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/30/14 22:54	VHL	P4D0629
1,1,1-Trichloroethane	**2.9**	**ug/L**	**0.50**	**0.063**	**1**	**8260B**	**4/30/14 22:54**	**VHL**	**P4D0629**
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/30/14 22:54	VHL	P4D0629
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/30/14 22:54	VHL	P4D0629
1,1-Dichloroethane	**0.68**	**ug/L**	**0.50**	**0.096**	**1**	**8260B**	**4/30/14 22:54**	**VHL**	**P4D0629**
1,1-Dichloroethylene	**17**	**ug/L**	**0.50**	**0.078**	**1**	**8260B**	**4/30/14 22:54**	**VHL**	**P4D0629**
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/30/14 22:54	VHL	P4D0629
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 22:54	VHL	P4D0629
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	4/30/14 22:54	VHL	P4D0629
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	4/30/14 22:54	VHL	P4D0629
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	4/30/14 22:54	VHL	P4D0629
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/30/14 22:54	VHL	P4D0629
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	4/30/14 22:54	VHL	P4D0629
2-Chloroethyl Vinyl Ether	BRL	ug/L	5.0	0.22	1	8260B	4/30/14 22:54	VHL	P4D0629
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	4/30/14 22:54	VHL	P4D0629
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	4/30/14 22:54	VHL	P4D0629
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	4/30/14 22:54	VHL	P4D0629
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/30/14 22:54	VHL	P4D0629
Acrolein	BRL	ug/L	20	1.1	1	8260B	4/30/14 22:54	VHL	P4D0629
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/30/14 22:54	VHL	P4D0629
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/30/14 22:54	VHL	P4D0629
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	4/30/14 22:54	VHL	P4D0629
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 22:54	VHL	P4D0629

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 4040530-01
Prism Work Order: 4040530
Time Collected: 04/29/14 11:45
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/30/14 22:54	VHL	P4D0629
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/30/14 22:54	VHL	P4D0629
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/30/14 22:54	VHL	P4D0629
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/30/14 22:54	VHL	P4D0629
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/30/14 22:54	VHL	P4D0629
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/30/14 22:54	VHL	P4D0629
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 22:54	VHL	P4D0629
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/30/14 22:54	VHL	P4D0629
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/30/14 22:54	VHL	P4D0629
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/30/14 22:54	VHL	P4D0629
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/30/14 22:54	VHL	P4D0629
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/30/14 22:54	VHL	P4D0629
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 22:54	VHL	P4D0629
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	4/30/14 22:54	VHL	P4D0629
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/30/14 22:54	VHL	P4D0629
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	4/30/14 22:54	VHL	P4D0629
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	4/30/14 22:54	VHL	P4D0629
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	4/30/14 22:54	VHL	P4D0629
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/30/14 22:54	VHL	P4D0629
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	4/30/14 22:54	VHL	P4D0629
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/30/14 22:54	VHL	P4D0629
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/30/14 22:54	VHL	P4D0629
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/30/14 22:54	VHL	P4D0629
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	4/30/14 22:54	VHL	P4D0629
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	4/30/14 22:54	VHL	P4D0629
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	4/30/14 22:54	VHL	P4D0629
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	4/30/14 22:54	VHL	P4D0629
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/30/14 22:54	VHL	P4D0629
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	4/30/14 22:54	VHL	P4D0629
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/30/14 22:54	VHL	P4D0629
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	4/30/14 22:54	VHL	P4D0629
Tetrachloroethylene	**220**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**4/30/14 23:28**	**VHL**	**P4D0629**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/30/14 22:54	VHL	P4D0629
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/30/14 22:54	VHL	P4D0629
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/30/14 22:54	VHL	P4D0629
Trichloroethylene	**5.5**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**4/30/14 22:54**	**VHL**	**P4D0629**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/30/14 22:54	VHL	P4D0629
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/30/14 22:54	VHL	P4D0629
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/30/14 22:54	VHL	P4D0629

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*101 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*93 %*	*77-123*

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 4040530-02
Prism Work Order: 4040530
Time Collected: 04/29/14 11:30
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	BRL A	mg/L	0.10	0.046	1	*9056A	4/30/14 12:43	MES	P4E0025
Sulfate	BRL	mg/L	1.0	0.13	1	*9056A	5/13/14 8:47	PJF	P4E0226
General Chemistry Parameters									
Ferrous Iron	**68**	**mg/L**	**5.0**	**0.98**	**25**	***SM3500-Fe D**	**4/30/14 11:25**	**JAB**	**P4E0054**
Sulfide	**2.7**	**mg/L**	**2.0**	**0.45**	**1**	***SM4500-S F**	**5/5/14 11:30**	**MES**	**P4E0074**
Total Alkalinity	**190**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**5/8/14 12:00**	**MES**	**P4E0151**
Total Metals									
Iron	**76**	**mg/L**	**2.0**	**0.53**	**20**	***6010C**	**5/5/14 16:30**	**BGM**	**P4D0609**
Magnesium	**10**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 19:01**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	2.5	0.74	5	8260B	5/2/14 16:29	VHL	P4E0050
1,1,1-Trichloroethane	**3.4**	**ug/L**	**2.5**	**0.31**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
1,1,2,2-Tetrachloroethane	BRL	ug/L	2.5	0.36	5	8260B	5/2/14 16:29	VHL	P4E0050
1,1,2-Trichloroethane	BRL	ug/L	2.5	0.83	5	8260B	5/2/14 16:29	VHL	P4E0050
1,1-Dichloroethane	**8.6**	**ug/L**	**2.5**	**0.48**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
1,1-Dichloroethylene	**60**	**ug/L**	**2.5**	**0.39**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
1,1-Dichloropropylene	BRL	ug/L	2.5	0.31	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2,3-Trichlorobenzene	BRL CVL	ug/L	10	1.0	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2,3-Trichloropropane	BRL	ug/L	5.0	0.41	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2,4-Trichlorobenzene	BRL	ug/L	5.0	0.51	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2,4-Trimethylbenzene	BRL	ug/L	2.5	0.24	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2-Dibromo-3-chloropropane	BRL	ug/L	10	3.0	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2-Dibromoethane	BRL	ug/L	2.5	0.68	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2-Dichlorobenzene	BRL	ug/L	2.5	0.38	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2-Dichloroethane	BRL	ug/L	2.5	0.70	5	8260B	5/2/14 16:29	VHL	P4E0050
1,2-Dichloropropane	BRL	ug/L	2.5	0.64	5	8260B	5/2/14 16:29	VHL	P4E0050
1,3,5-Trimethylbenzene	BRL	ug/L	2.5	0.28	5	8260B	5/2/14 16:29	VHL	P4E0050
1,3-Dichlorobenzene	BRL	ug/L	2.5	0.37	5	8260B	5/2/14 16:29	VHL	P4E0050
1,3-Dichloropropane	BRL	ug/L	2.5	0.56	5	8260B	5/2/14 16:29	VHL	P4E0050
1,4-Dichlorobenzene	BRL	ug/L	2.5	0.34	5	8260B	5/2/14 16:29	VHL	P4E0050
2,2-Dichloropropane	BRL	ug/L	10	0.57	5	8260B	5/2/14 16:29	VHL	P4E0050
2-Chloroethyl Vinyl Ether	BRL	ug/L	25	1.1	5	8260B	5/2/14 16:29	VHL	P4E0050
2-Chlorotoluene	BRL	ug/L	2.5	0.19	5	8260B	5/2/14 16:29	VHL	P4E0050
4-Chlorotoluene	BRL	ug/L	2.5	0.26	5	8260B	5/2/14 16:29	VHL	P4E0050
4-Isopropyltoluene	BRL	ug/L	2.5	0.33	5	8260B	5/2/14 16:29	VHL	P4E0050
Acetone	BRL	ug/L	25	3.1	5	8260B	5/2/14 16:29	VHL	P4E0050
Acrolein	**42 J**	**ug/L**	**100**	**5.5**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
Acrylonitrile	BRL	ug/L	100	4.3	5	8260B	5/2/14 16:29	VHL	P4E0050
Benzene	BRL	ug/L	2.5	0.36	5	8260B	5/2/14 16:29	VHL	P4E0050
Bromobenzene	BRL	ug/L	2.5	0.32	5	8260B	5/2/14 16:29	VHL	P4E0050
Bromochloromethane	BRL	ug/L	2.5	0.63	5	8260B	5/2/14 16:29	VHL	P4E0050

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 4040530-02
Prism Work Order: 4040530
Time Collected: 04/29/14 11:30
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	2.5	0.31	5	8260B	5/2/14 16:29	VHL	P4E0050
Bromoform	BRL	ug/L	5.0	1.4	5	8260B	5/2/14 16:29	VHL	P4E0050
Bromomethane	BRL	ug/L	5.0	2.3	5	8260B	5/2/14 16:29	VHL	P4E0050
Carbon disulfide	BRL	ug/L	25	6.9	5	8260B	5/2/14 16:29	VHL	P4E0050
Carbon Tetrachloride	BRL	ug/L	2.5	0.59	5	8260B	5/2/14 16:29	VHL	P4E0050
Chlorobenzene	BRL	ug/L	2.5	0.31	5	8260B	5/2/14 16:29	VHL	P4E0050
Chloroethane	BRL	ug/L	2.5	0.64	5	8260B	5/2/14 16:29	VHL	P4E0050
Chloroform	BRL	ug/L	2.5	0.44	5	8260B	5/2/14 16:29	VHL	P4E0050
Chloromethane	BRL	ug/L	2.5	0.56	5	8260B	5/2/14 16:29	VHL	P4E0050
cis-1,2-Dichloroethylene	**5.8**	**ug/L**	**2.5**	**0.38**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
cis-1,3-Dichloropropylene	BRL	ug/L	2.5	0.52	5	8260B	5/2/14 16:29	VHL	P4E0050
Dibromochloromethane	BRL	ug/L	2.5	1.5	5	8260B	5/2/14 16:29	VHL	P4E0050
Dibromomethane	BRL	ug/L	2.5	0.65	5	8260B	5/2/14 16:29	VHL	P4E0050
Dichlorodifluoromethane	BRL	ug/L	5.0	0.54	5	8260B	5/2/14 16:29	VHL	P4E0050
Ethylbenzene	BRL	ug/L	2.5	0.34	5	8260B	5/2/14 16:29	VHL	P4E0050
Hexachlorobutadiene	BRL	ug/L	10	1.8	5	8260B	5/2/14 16:29	VHL	P4E0050
Isopropyl Ether	BRL	ug/L	2.5	0.22	5	8260B	5/2/14 16:29	VHL	P4E0050
Isopropylbenzene (Cumene)	BRL	ug/L	2.5	0.36	5	8260B	5/2/14 16:29	VHL	P4E0050
m,p-Xylenes	BRL	ug/L	5.0	0.40	5	8260B	5/2/14 16:29	VHL	P4E0050
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	25	0.94	5	8260B	5/2/14 16:29	VHL	P4E0050
Methyl Ethyl Ketone (2-Butanone)	**60**	**ug/L**	**25**	**4.5**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
Methyl Isobutyl Ketone	BRL	ug/L	25	0.62	5	8260B	5/2/14 16:29	VHL	P4E0050
Methylene Chloride	BRL	ug/L	5.0	2.2	5	8260B	5/2/14 16:29	VHL	P4E0050
Methyl-tert-Butyl Ether	BRL	ug/L	2.5	0.35	5	8260B	5/2/14 16:29	VHL	P4E0050
Naphthalene	BRL	ug/L	5.0	0.49	5	8260B	5/2/14 16:29	VHL	P4E0050
n-Butylbenzene	BRL	ug/L	5.0	0.56	5	8260B	5/2/14 16:29	VHL	P4E0050
n-Propylbenzene	BRL	ug/L	2.5	0.30	5	8260B	5/2/14 16:29	VHL	P4E0050
o-Xylene	BRL	ug/L	2.5	0.23	5	8260B	5/2/14 16:29	VHL	P4E0050
sec-Butylbenzene	BRL	ug/L	2.5	0.43	5	8260B	5/2/14 16:29	VHL	P4E0050
Styrene	BRL	ug/L	2.5	0.24	5	8260B	5/2/14 16:29	VHL	P4E0050
tert-Butylbenzene	BRL	ug/L	2.5	0.40	5	8260B	5/2/14 16:29	VHL	P4E0050
Tetrachloroethylene	**65**	**ug/L**	**2.5**	**0.34**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
Toluene	BRL	ug/L	2.5	0.21	5	8260B	5/2/14 16:29	VHL	P4E0050
trans-1,2-Dichloroethylene	BRL	ug/L	2.5	0.58	5	8260B	5/2/14 16:29	VHL	P4E0050
trans-1,3-Dichloropropylene	BRL	ug/L	2.5	0.22	5	8260B	5/2/14 16:29	VHL	P4E0050
Trichloroethylene	**13**	**ug/L**	**2.5**	**0.27**	**5**	**8260B**	**5/2/14 16:29**	**VHL**	**P4E0050**
Trichlorofluoromethane	BRL	ug/L	2.5	0.44	5	8260B	5/2/14 16:29	VHL	P4E0050
Vinyl acetate	BRL	ug/L	10	0.50	5	8260B	5/2/14 16:29	VHL	P4E0050
Vinyl chloride	BRL	ug/L	2.5	0.78	5	8260B	5/2/14 16:29	VHL	P4E0050

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*102 %*	*80-124*
Dibromofluoromethane	*106 %*	*75-129*
Toluene-d8	*107 %*	*77-123*

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 4040530-03
Prism Work Order: 4040530
Time Collected: 04/29/14 09:55
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**2.7 A**	**mg/L**	**0.10**	**0.046**	**1**	***9056A**	**4/30/14 12:59**	**MES**	**P4E0025**
Sulfate	**70**	**mg/L**	**1.0**	**0.13**	**1**	***9056A**	**5/13/14 9:03**	**PJF**	**P4E0226**
General Chemistry Parameters									
Ferrous Iron	BRL	mg/L	0.20	0.039	1	*SM3500-Fe D	4/30/14 11:25	JAB	P4E0054
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	**7.0**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**5/8/14 12:00**	**MES**	**P4E0151**
Total Metals									
Iron	**0.41**	**mg/L**	**0.10**	**0.026**	**1**	***6010C**	**4/30/14 19:09**	**BGM**	**P4D0609**
Magnesium	**3.7**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 19:09**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	5/2/14 14:49	VHL	P4E0050
1,1,1-Trichloroethane	**110**	**ug/L**	**10**	**1.3**	**20**	**8260B**	**5/2/14 14:49**	**VHL**	**P4E0050**
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	5/2/14 14:49	VHL	P4E0050
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	5/2/14 14:49	VHL	P4E0050
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	5/2/14 14:49	VHL	P4E0050
1,1-Dichloroethylene	**370**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**5/2/14 14:49**	**VHL**	**P4E0050**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2,3-Trichlorobenzene	BRL CVL	ug/L	40	4.0	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	5/2/14 14:49	VHL	P4E0050
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	5/2/14 14:49	VHL	P4E0050
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	5/2/14 14:49	VHL	P4E0050
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	5/2/14 14:49	VHL	P4E0050
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	5/2/14 14:49	VHL	P4E0050
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	5/2/14 14:49	VHL	P4E0050
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	5/2/14 14:49	VHL	P4E0050
2-Chloroethyl Vinyl Ether	BRL	ug/L	100	4.5	20	8260B	5/2/14 14:49	VHL	P4E0050
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	5/2/14 14:49	VHL	P4E0050
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	5/2/14 14:49	VHL	P4E0050
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	5/2/14 14:49	VHL	P4E0050
Acetone	BRL	ug/L	100	12	20	8260B	5/2/14 14:49	VHL	P4E0050
Acrolein	BRL	ug/L	400	22	20	8260B	5/2/14 14:49	VHL	P4E0050
Acrylonitrile	BRL	ug/L	400	17	20	8260B	5/2/14 14:49	VHL	P4E0050
Benzene	BRL	ug/L	10	1.4	20	8260B	5/2/14 14:49	VHL	P4E0050
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	5/2/14 14:49	VHL	P4E0050
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	5/2/14 14:49	VHL	P4E0050

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 4040530-03
Prism Work Order: 4040530
Time Collected: 04/29/14 09:55
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	5/2/14 14:49	VHL	P4E0050
Bromoform	BRL	ug/L	20	5.4	20	8260B	5/2/14 14:49	VHL	P4E0050
Bromomethane	BRL	ug/L	20	9.3	20	8260B	5/2/14 14:49	VHL	P4E0050
Carbon disulfide	BRL	ug/L	100	28	20	8260B	5/2/14 14:49	VHL	P4E0050
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	5/2/14 14:49	VHL	P4E0050
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	5/2/14 14:49	VHL	P4E0050
Chloroethane	BRL	ug/L	10	2.6	20	8260B	5/2/14 14:49	VHL	P4E0050
Chloroform	BRL	ug/L	10	1.8	20	8260B	5/2/14 14:49	VHL	P4E0050
Chloromethane	BRL	ug/L	10	2.2	20	8260B	5/2/14 14:49	VHL	P4E0050
cis-1,2-Dichloroethylene	BRL	ug/L	10	1.5	20	8260B	5/2/14 14:49	VHL	P4E0050
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	5/2/14 14:49	VHL	P4E0050
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	5/2/14 14:49	VHL	P4E0050
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	5/2/14 14:49	VHL	P4E0050
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	5/2/14 14:49	VHL	P4E0050
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	5/2/14 14:49	VHL	P4E0050
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	5/2/14 14:49	VHL	P4E0050
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	5/2/14 14:49	VHL	P4E0050
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	5/2/14 14:49	VHL	P4E0050
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	5/2/14 14:49	VHL	P4E0050
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	5/2/14 14:49	VHL	P4E0050
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	100	18	20	8260B	5/2/14 14:49	VHL	P4E0050
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	5/2/14 14:49	VHL	P4E0050
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	5/2/14 14:49	VHL	P4E0050
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	5/2/14 14:49	VHL	P4E0050
Naphthalene	BRL	ug/L	20	2.0	20	8260B	5/2/14 14:49	VHL	P4E0050
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	5/2/14 14:49	VHL	P4E0050
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	5/2/14 14:49	VHL	P4E0050
o-Xylene	BRL	ug/L	10	0.92	20	8260B	5/2/14 14:49	VHL	P4E0050
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	5/2/14 14:49	VHL	P4E0050
Styrene	BRL	ug/L	10	0.94	20	8260B	5/2/14 14:49	VHL	P4E0050
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	5/2/14 14:49	VHL	P4E0050
Tetrachloroethylene	**1500**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**5/2/14 14:49**	**VHL**	**P4E0050**
Toluene	BRL	ug/L	10	0.85	20	8260B	5/2/14 14:49	VHL	P4E0050
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	5/2/14 14:49	VHL	P4E0050
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	5/2/14 14:49	VHL	P4E0050
Trichloroethylene	**130**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**5/2/14 14:49**	**VHL**	**P4E0050**
Trichlorofluoromethane	**10**	**ug/L**	**10**	**1.8**	**20**	**8260B**	**5/2/14 14:49**	**VHL**	**P4E0050**
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	5/2/14 14:49	VHL	P4E0050
Vinyl chloride	BRL	ug/L	10	3.1	20	8260B	5/2/14 14:49	VHL	P4E0050

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*102 %*	*80-124*
Dibromofluoromethane	*108 %*	*75-129*
Toluene-d8	*109 %*	*77-123*

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-20
Prism Sample ID: 4040530-04
Prism Work Order: 4040530
Time Collected: 04/29/14 10:45
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	BRL A	mg/L	0.10	0.046	1	*9056A	4/30/14 13:16	MES	P4E0025
Sulfate	**570**	**mg/L**	**10**	**1.3**	**10**	***9056A**	**5/13/14 9:19**	**PJF**	**P4E0226**
General Chemistry Parameters									
Ferrous Iron	**3.4**	**mg/L**	**0.40**	**0.078**	**2**	***SM3500-Fe D**	**4/30/14 11:25**	**JAB**	**P4E0054**
Sulfide	**3.2**	**mg/L**	**2.0**	**0.45**	**1**	***SM4500-S F**	**5/5/14 11:30**	**MES**	**P4E0074**
Total Alkalinity	BRL	mg/L	5.0	0.77	1	*SM2320 B	5/8/14 12:00	MES	P4E0151
Total Metals									
Iron	**0.97**	**mg/L**	**0.10**	**0.026**	**1**	***6010C**	**4/30/14 19:16**	**BGM**	**P4D0609**
Magnesium	**6.2**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 19:16**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	4/30/14 22:21	VHL	P4D0629
1,1,1-Trichloroethane	**55**	**ug/L**	**10**	**1.3**	**20**	**8260B**	**4/30/14 22:21**	**VHL**	**P4D0629**
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	4/30/14 22:21	VHL	P4D0629
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	4/30/14 22:21	VHL	P4D0629
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	4/30/14 22:21	VHL	P4D0629
1,1-Dichloroethylene	**200**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**4/30/14 22:21**	**VHL**	**P4D0629**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2,3-Trichlorobenzene	BRL	ug/L	40	4.0	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	4/30/14 22:21	VHL	P4D0629
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	4/30/14 22:21	VHL	P4D0629
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	4/30/14 22:21	VHL	P4D0629
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	4/30/14 22:21	VHL	P4D0629
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	4/30/14 22:21	VHL	P4D0629
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	4/30/14 22:21	VHL	P4D0629
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	4/30/14 22:21	VHL	P4D0629
2-Chloroethyl Vinyl Ether	BRL	ug/L	100	4.5	20	8260B	4/30/14 22:21	VHL	P4D0629
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	4/30/14 22:21	VHL	P4D0629
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	4/30/14 22:21	VHL	P4D0629
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	4/30/14 22:21	VHL	P4D0629
Acetone	**110**	**ug/L**	**100**	**12**	**20**	**8260B**	**4/30/14 22:21**	**VHL**	**P4D0629**
Acrolein	BRL	ug/L	400	22	20	8260B	4/30/14 22:21	VHL	P4D0629
Acrylonitrile	BRL	ug/L	400	17	20	8260B	4/30/14 22:21	VHL	P4D0629
Benzene	BRL	ug/L	10	1.4	20	8260B	4/30/14 22:21	VHL	P4D0629
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	4/30/14 22:21	VHL	P4D0629
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	4/30/14 22:21	VHL	P4D0629

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-20
Prism Sample ID: 4040530-04
Prism Work Order: 4040530
Time Collected: 04/29/14 10:45
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	4/30/14 22:21	VHL	P4D0629
Bromoform	BRL	ug/L	20	5.4	20	8260B	4/30/14 22:21	VHL	P4D0629
Bromomethane	BRL	ug/L	20	9.3	20	8260B	4/30/14 22:21	VHL	P4D0629
Carbon disulfide	BRL	ug/L	100	28	20	8260B	4/30/14 22:21	VHL	P4D0629
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	4/30/14 22:21	VHL	P4D0629
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	4/30/14 22:21	VHL	P4D0629
Chloroethane	BRL	ug/L	10	2.6	20	8260B	4/30/14 22:21	VHL	P4D0629
Chloroform	BRL	ug/L	10	1.8	20	8260B	4/30/14 22:21	VHL	P4D0629
Chloromethane	BRL	ug/L	10	2.2	20	8260B	4/30/14 22:21	VHL	P4D0629
cis-1,2-Dichloroethylene	BRL	ug/L	10	1.5	20	8260B	4/30/14 22:21	VHL	P4D0629
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	4/30/14 22:21	VHL	P4D0629
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	4/30/14 22:21	VHL	P4D0629
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	4/30/14 22:21	VHL	P4D0629
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	4/30/14 22:21	VHL	P4D0629
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	4/30/14 22:21	VHL	P4D0629
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	4/30/14 22:21	VHL	P4D0629
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	4/30/14 22:21	VHL	P4D0629
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	4/30/14 22:21	VHL	P4D0629
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	4/30/14 22:21	VHL	P4D0629
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	4/30/14 22:21	VHL	P4D0629
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	100	18	20	8260B	4/30/14 22:21	VHL	P4D0629
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	4/30/14 22:21	VHL	P4D0629
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	4/30/14 22:21	VHL	P4D0629
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	4/30/14 22:21	VHL	P4D0629
Naphthalene	BRL	ug/L	20	2.0	20	8260B	4/30/14 22:21	VHL	P4D0629
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	4/30/14 22:21	VHL	P4D0629
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	4/30/14 22:21	VHL	P4D0629
o-Xylene	BRL	ug/L	10	0.92	20	8260B	4/30/14 22:21	VHL	P4D0629
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	4/30/14 22:21	VHL	P4D0629
Styrene	BRL	ug/L	10	0.94	20	8260B	4/30/14 22:21	VHL	P4D0629
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	4/30/14 22:21	VHL	P4D0629
Tetrachloroethylene	**1300**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**4/30/14 22:21**	**VHL**	**P4D0629**
Toluene	BRL	ug/L	10	0.85	20	8260B	4/30/14 22:21	VHL	P4D0629
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	4/30/14 22:21	VHL	P4D0629
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	4/30/14 22:21	VHL	P4D0629
Trichloroethylene	**78**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**4/30/14 22:21**	**VHL**	**P4D0629**
Trichlorofluoromethane	BRL	ug/L	10	1.8	20	8260B	4/30/14 22:21	VHL	P4D0629
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	4/30/14 22:21	VHL	P4D0629
Vinyl chloride	BRL	ug/L	10	3.1	20	8260B	4/30/14 22:21	VHL	P4D0629

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*99 %*	*80-124*
Dibromofluoromethane	*104 %*	*75-129*
Toluene-d8	*95 %*	*77-123*

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: TB-2
Prism Sample ID: 4040530-05
Prism Work Order: 4040530
Time Collected: 04/29/14 00:00
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/30/14 20:39	VHL	P4D0629
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/30/14 20:39	VHL	P4D0629
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/30/14 20:39	VHL	P4D0629
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/30/14 20:39	VHL	P4D0629
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/30/14 20:39	VHL	P4D0629
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/30/14 20:39	VHL	P4D0629
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/30/14 20:39	VHL	P4D0629
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 20:39	VHL	P4D0629
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	4/30/14 20:39	VHL	P4D0629
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	4/30/14 20:39	VHL	P4D0629
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	4/30/14 20:39	VHL	P4D0629
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/30/14 20:39	VHL	P4D0629
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	4/30/14 20:39	VHL	P4D0629
2-Chloroethyl Vinyl Ether	BRL	ug/L	5.0	0.22	1	8260B	4/30/14 20:39	VHL	P4D0629
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	4/30/14 20:39	VHL	P4D0629
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	4/30/14 20:39	VHL	P4D0629
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	4/30/14 20:39	VHL	P4D0629
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/30/14 20:39	VHL	P4D0629
Acrolein	BRL	ug/L	20	1.1	1	8260B	4/30/14 20:39	VHL	P4D0629
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/30/14 20:39	VHL	P4D0629
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/30/14 20:39	VHL	P4D0629
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	4/30/14 20:39	VHL	P4D0629
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 20:39	VHL	P4D0629
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/30/14 20:39	VHL	P4D0629
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/30/14 20:39	VHL	P4D0629
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/30/14 20:39	VHL	P4D0629
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/30/14 20:39	VHL	P4D0629
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/30/14 20:39	VHL	P4D0629
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/30/14 20:39	VHL	P4D0629
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 20:39	VHL	P4D0629
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/30/14 20:39	VHL	P4D0629
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/30/14 20:39	VHL	P4D0629
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/30/14 20:39	VHL	P4D0629
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/30/14 20:39	VHL	P4D0629

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: TB-2
Prism Sample ID: 4040530-05
Prism Work Order: 4040530
Time Collected: 04/29/14 00:00
Time Submitted: 04/29/14 16:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/30/14 20:39	VHL	P4D0629
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 20:39	VHL	P4D0629
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	4/30/14 20:39	VHL	P4D0629
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/30/14 20:39	VHL	P4D0629
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	4/30/14 20:39	VHL	P4D0629
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	4/30/14 20:39	VHL	P4D0629
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	4/30/14 20:39	VHL	P4D0629
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/30/14 20:39	VHL	P4D0629
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	4/30/14 20:39	VHL	P4D0629
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/30/14 20:39	VHL	P4D0629
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/30/14 20:39	VHL	P4D0629
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/30/14 20:39	VHL	P4D0629
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	4/30/14 20:39	VHL	P4D0629
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	4/30/14 20:39	VHL	P4D0629
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	4/30/14 20:39	VHL	P4D0629
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	4/30/14 20:39	VHL	P4D0629
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/30/14 20:39	VHL	P4D0629
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	4/30/14 20:39	VHL	P4D0629
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/30/14 20:39	VHL	P4D0629
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	4/30/14 20:39	VHL	P4D0629
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/30/14 20:39	VHL	P4D0629
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/30/14 20:39	VHL	P4D0629
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/30/14 20:39	VHL	P4D0629
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/30/14 20:39	VHL	P4D0629
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/30/14 20:39	VHL	P4D0629
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/30/14 20:39	VHL	P4D0629
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/30/14 20:39	VHL	P4D0629
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/30/14 20:39	VHL	P4D0629

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*99 %*	*80-124*
Dibromofluoromethane	*110 %*	*75-129*
Toluene-d8	*94 %*	*77-123*

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Level II QC Report

6/10/14

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0629 - 5030B										
Blank (P4D0629-BLK1)				Prepared & Analyzed: 04/30/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	5.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Level II QC Report

6/10/14

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0629 - 5030B										
Blank (P4D0629-BLK1)				Prepared & Analyzed: 04/30/14						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*25.3*		*ug/L*	*25.00*		*101*	*80-124*			
Surrogate: Dibromofluoromethane	*26.6*		*ug/L*	*25.00*		*106*	*75-129*			
Surrogate: Toluene-d8	*24.1*		*ug/L*	*25.00*		*97*	*77-123*			

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Level II QC Report

6/10/14

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0629 - 5030B										
LCS (P4D0629-BS1)				Prepared & Analyzed: 04/30/14						
1,1-Dichloroethylene	23.5	0.50	ug/L	20.00		118	70-154			
Benzene	24.0	0.50	ug/L	20.00		120	77-128			
Chlorobenzene	22.1	0.50	ug/L	20.00		110	78-119			
Toluene	23.0	0.50	ug/L	20.00		115	76-131			
Trichloroethylene	23.9	0.50	ug/L	20.00		120	77-133			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/L*	*25.00*		*97*	*80-124*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.2*		*ug/L*	*25.00*		*97*	*77-123*			
LCS Dup (P4D0629-BSD1)				Prepared & Analyzed: 04/30/14						
1,1-Dichloroethylene	23.7	0.50	ug/L	20.00		119	70-154	0.8	20	
Benzene	24.9	0.50	ug/L	20.00		124	77-128	4	20	
Chlorobenzene	22.3	0.50	ug/L	20.00		112	78-119	1	20	
Toluene	23.8	0.50	ug/L	20.00		119	76-131	4	20	
Trichloroethylene	24.7	0.50	ug/L	20.00		124	77-133	3	20	
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/L*	*25.00*		*99*	*80-124*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*77-123*			
Batch P4E0050 - 5030B										
Blank (P4E0050-BLK1)				Prepared & Analyzed: 05/02/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	5.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Level II QC Report

6/10/14

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0050 - 5030B										
Blank (P4E0050-BLK1)				Prepared & Analyzed: 05/02/14						
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*50.6*		*ug/L*	*50.00*		*101*	*80-124*			

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0050 - 5030B										
Blank (P4E0050-BLK1)				Prepared & Analyzed: 05/02/14						
Surrogate: Dibromofluoromethane	*54.2*		*ug/L*	*50.00*		*108*	*75-129*			
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50.00*		*109*	*77-123*			
LCS (P4E0050-BS1)				Prepared & Analyzed: 05/02/14						
1,1-Dichloroethylene	23.2	0.50	ug/L	20.00		116	70-154			
Benzene	23.6	0.50	ug/L	20.00		118	77-128			
Chlorobenzene	21.8	0.50	ug/L	20.00		109	78-119			
Toluene	22.1	0.50	ug/L	20.00		110	76-131			
Trichloroethylene	23.5	0.50	ug/L	20.00		117	77-133			
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/L*	*50.00*		*97*	*80-124*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*75-129*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*77-123*			
LCS Dup (P4E0050-BSD1)				Prepared & Analyzed: 05/02/14						
1,1-Dichloroethylene	24.1	0.50	ug/L	20.00		121	70-154	4	20	
Benzene	24.2	0.50	ug/L	20.00		121	77-128	3	20	
Chlorobenzene	22.5	0.50	ug/L	20.00		112	78-119	3	20	
Toluene	22.7	0.50	ug/L	20.00		114	76-131	3	20	
Trichloroethylene	24.0	0.50	ug/L	20.00		120	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*49.0*		*ug/L*	*50.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*52.2*		*ug/L*	*50.00*		*104*	*75-129*			
Surrogate: Toluene-d8	*53.0*		*ug/L*	*50.00*		*106*	*77-123*			

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Level II QC Report

6/10/14

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0609 - 3010A										
Blank (P4D0609-BLK1)				Prepared & Analyzed: 04/30/14						
Iron	BRL	0.10	mg/L							
Magnesium	BRL	0.10	mg/L							
LCS (P4D0609-BS1)				Prepared & Analyzed: 04/30/14						
Iron	5.13	0.10	mg/L	5.000		103	80-120			
Magnesium	5.07	0.10	mg/L	5.000		101	80-120			

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Attn: Jody Overmyer
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Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0025 - NO PREP										
Blank (P4E0025-BLK1)				Prepared & Analyzed: 04/30/14						
Nitrate as N	BRL	0.10	mg/L							A
LCS (P4E0025-BS1)				Prepared & Analyzed: 04/30/14						
Nitrate as N	4.17	0.10	mg/L	4.000		104	80-120			A
Batch P4E0226 - NO PREP										
Blank (P4E0226-BLK1)				Prepared & Analyzed: 05/12/14						
Sulfate	BRL	1.0	mg/L							
LCS (P4E0226-BS1)				Prepared & Analyzed: 05/12/14						
Sulfate	39.2	1.0	mg/L	40.20		97	80-120			

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Attn: Jody Overmyer
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Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040530
Time Submitted: 4/29/2014 4:30:00PM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0054 - NO PREP										
Blank (P4E0054-BLK1)				Prepared & Analyzed: 04/30/14						
Ferrous Iron	BRL	0.20	mg/L							
LCS (P4E0054-BS1)				Prepared & Analyzed: 04/30/14						
Ferrous Iron	1.95	0.20	mg/L	2.000		98	90-110			
Batch P4E0074 - SM4500-S C										
Blank (P4E0074-BLK1)				Prepared & Analyzed: 05/05/14						
Sulfide	BRL	2.0	mg/L							
LCS (P4E0074-BS1)				Prepared & Analyzed: 05/05/14						
Sulfide	9.50	2.0	mg/L	10.00		95	70-130			
Batch P4E0151 - NO PREP										
Blank (P4E0151-BLK1)				Prepared & Analyzed: 05/08/14						
Total Alkalinity	BRL	5.0	mg/L							
LCS (P4E0151-BS1)				Prepared & Analyzed: 05/08/14						
Total Alkalinity	255	5.0	mg/L	250.0		102	90-110			
LCS Dup (P4E0151-BSD1)				Prepared & Analyzed: 05/08/14						
Total Alkalinity	260	5.0	mg/L	250.0		104	90-110	2	200	

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Sample Extraction Data

Prep Method: SM4500-S C

Lab Number	Batch	Initial	Final	Date/Time
4040530-01	P4E0074	200 mL	200 mL	05/05/14 11:30
4040530-02	P4E0074	200 mL	200 mL	05/05/14 11:30
4040530-03	P4E0074	200 mL	200 mL	05/05/14 11:30
4040530-04	P4E0074	200 mL	200 mL	05/05/14 11:30

Prep Method: 3010A

Lab Number	Batch	Initial	Final	Date/Time
4040530-01	P4D0609	50 mL	50 mL	04/30/14 8:55
4040530-02	P4D0609	50 mL	50 mL	04/30/14 8:55
4040530-02	P4D0609	50 mL	50 mL	04/30/14 8:55
4040530-03	P4D0609	50 mL	50 mL	04/30/14 8:55
4040530-04	P4D0609	50 mL	50 mL	04/30/14 8:55

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
4040530-01	P4D0629	10 mL	10 mL	04/30/14 9:20
4040530-01	P4D0629	10 mL	10 mL	04/30/14 9:20
4040530-02	P4E0050	10 mL	10 mL	05/02/14 9:29
4040530-03	P4E0050	10 mL	10 mL	05/02/14 9:29
4040530-04	P4D0629	10 mL	10 mL	04/30/14 9:20
4040530-05	P4D0629	10 mL	10 mL	04/30/14 9:20

Subcontracted Analyses

The following analyses were subcontracted to Gulf Coast Analytical Labs, Inc.

Lab Number	Analysis
4040530-01	RSK175 (Sub)
4040530-01	TOC (Sub)
4040530-02	RSK175 (Sub)
4040530-02	TOC (Sub)
4040530-03	RSK175 (Sub)
4040530-03	TOC (Sub)
4040530-04	RSK175 (Sub)
4040530-04	TOC (Sub)

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CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: 2013.0014/4
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Emily Davis
Address: _____

Client Company Name: Solutions-IES
Report To/Contact Name: Jody Overmyer
Reporting Address: 1101 Nowell Rd Raleigh NC 27607
Phone: 919-873-1060 Fax (Yes) (No): _____
Email Address: overmyerj@solutions-ies.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Eaton Selma
Site Location Physical Address: Selma, NC

Purchase Order No./Billing Reference_____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: DP-10 Observed: 3.0 °C / Corr: 2.9 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ FL____ NC____ SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES___ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs 8260	Nitrate Nitrite 9056A	Fe +2 SM3500	Fe D	Fe total	Mn	Mn D	Methane Ethane Ethylene RSK175	TOC	SM5310B	Alkalinity SM2320B	Sulfate 9056	REMARKS	PRISM LAB ID NO.
MW-9	4/29/14	1145	W		14			X	X	X	X			X			X	X			01
MW-8	4/29/14	1130	↓		↓			↓	↓	↓	↓			↓			↓	↓			02
MW-7	4/29/14	955																			03
MW-20	4/29/14	1045	↓		↓				↓	↓	↓			↓			↓	↓			04
TB-2	—	—	DI		2			↓													05

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature C Fussell Sampled By (Print Name) Clay Fussell Affiliation SIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
C Fussell	Matt Beaty	4/29/14	~~14:30~~
Relinquished By: (Signature)	Received By: (Signature)	4-29-14	14:30
Relinquished By: (Signature)	Received For Prism Laboratories By:	4-29-14	16:30

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other_____

COC Group No. 4040530

Additional Comments: JP low run analysis

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Prism Laboratories, Inc.
PO BOX 240543
Charlotte, NC 28224

ATTENTION
Angie Overcash

PROJECT ID
4040530

LABORATORY REPORT NUMBER
214050115

DATE
05/09/2014

Primary Data Review By

Curtis Ekker/Mgr of Data Ctr
Authorized Signature

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 Innovation Park Dr., Baton Rouge, LA 70820.**
- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**
- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GCAL, LLC
7979 Innovation Park Dr.
Baton Rouge, LA 70820

Report Date 05/09/2014

GCAL Report 214050115

Deliver To	Prism Laboratories, Inc. PO BOX 240543 Charlotte, NC 28224 706-529-6364
Attn	Angie Overcash

Project 4040530

CASE NARRATIVE

Client: Access Analytical **Report:** 214050115

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.

CONVENTIONALS

In the SM 5310 B-2011 analysis, samples 21405011502 (MW-8) and 21405011504 (MW-20) had to be diluted in order to bracket the Total Carbon and/or Total Inorganic Carbon concentrations within the calibration range of the instrument. The Total Organic Carbon is based on the difference between the Total Carbon and the Inorganic Carbon. The dilution is reflected in the elevated reporting limit.

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.

Curtis Ekker/Mgr of Data Del

Authorized Signature
GCAL REPORT 214050115

THIS REPORT CONTAINS Curtis Ekker/Mgr of Data Del 14 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011501	MW-9	Water	04/29/2014 11:45	05/01/2014 10:00
21405011502	MW-8	Water	04/29/2014 11:30	05/01/2014 10:00
21405011503	MW-7	Water	04/29/2014 09:55	05/01/2014 10:00
21405011504	MW-20	Water	04/29/2014 10:45	05/01/2014 10:00

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011501	MW-9	Water	04/29/2014 11:45	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	0.75J	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011502	MW-8	Water	04/29/2014 11:30	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	275	5.0	1.5	mg/L

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.553J	1.00	0.087	ug/L
74-85-1	Ethene	0.715J	1.00	0.071	ug/L
74-82-8	Methane	5.54	2.00	0.435	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011503	MW-7	Water	04/29/2014 09:55	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	1.6	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011504	MW-20	Water	04/29/2014 10:45	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	30.4	5.0	1.5	mg/L

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	6.83	2.00	0.435	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011501	MW-9	Water	04/29/2014 11:45	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/08/2014 15:51	JAR	532012

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	Methane	0.435U	2.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	37.8	ug/L	93	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/02/2014 16:48	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**0.75J**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011502	MW-8	Water	04/29/2014 11:30	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/08/2014 15:58	JAR	532012

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.553J	1.00	0.087	ug/L
74-85-1	Ethene	0.715J	1.00	0.071	ug/L
74-82-8	Methane	5.54	2.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	35	ug/L	86	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/03/2014 04:06	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	275	5.0	1.5	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011503	MW-7	Water	04/29/2014 09:55	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/08/2014 16:05	JAR	532012

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	Methane	0.435U	2.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	36.4	ug/L	90	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/02/2014 17:32	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**1.6**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011504	**MW-20**	Water	04/29/2014 10:45	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/08/2014 16:11	JAR	532012

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	**Methane**	**6.83**	**2.00**	**0.435**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	35.3	ug/L	87	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/02/2014 18:24	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**30.4**	**5.0**	**1.5**	**mg/L**

General Chromatography Quality Control Summary

Analytical Batch 532012	Client ID	MB532012			LCS532012			LCSD532012			
Prep Batch N/A	GCAL ID	1313901			1313902			1314236			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	05/08/2014 13:02			05/08/2014 13:11			05/08/2014 13:18			
	Matrix	Water			Water			Water			
EPA RSK-175		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
74-82-8 Methane		0.435U	0.435	17.5	17.2	98	39 - 120	16.9	97	2	27
74-85-1 Ethene		0.071U	0.071	3.06	3.13	102	45 - 134	3.22	105	3	25
74-84-0 Ethane		0.087U	0.087	3.28	3.35	102	45 - 128	3.22	98	4	29
Surrogate											
115-07-1 Propene		35.7	88	40.5	29.6	73	40 - 143	28.8	71		

General Chemistry Quality Control Summary

Analytical Batch 531523	Client ID	MB531523			LCS531523		
Prep Batch N/A	GCAL ID	1311780			1311781		
	Sample Type	Method Blank			LCS		
	Analytical Date	05/02/2014 11:15			05/02/2014 10:37		
	Matrix	Water			Water		
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
C-012	Total Organic Carbon	0.30U	0.30	50.0	54.9	110	80 - 120

Analytical Batch 531523	Client ID	U31EPAC			1311774MS			1311774MSD			
Prep Batch N/A	GCAL ID	21405020402			1311782			1311783			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	05/02/2014 11:39			05/02/2014 12:07			05/02/2014 12:23			
	Matrix	Water			Water			Water			
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-012	Total Organic Carbon	12.9	0.30	50.0	65.3	105	75 - 125	66.0	106	1	25

Analytical Batch 531523	Client ID	MW-20			1311450MS			1311450MSD			
Prep Batch N/A	GCAL ID	21405011504			1311784			1311785			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	05/02/2014 18:24			05/02/2014 18:45			05/02/2014 19:05			
	Matrix	Water			Water			Water			
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-012	Total Organic Carbon	30.4	1.5	250	311	112	75 - 125	306	110	2	25

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Client ID: 4565 - Access Analytical
SDG: 214050115
Due Date: 05/08/14

SUBCONTRACT ORDER

Prism Laboratories, Inc.
4040530

Certification: NELAC___ USACE___
NC___ SC___ Other _____
N/A_____

SENDING LABORATORY:

Prism Laboratories, Inc.
P. O. Box 240543
Charlotte, NC 28224-0543
Phone: 800-529-6364
Fax: 704-525-0409
Project Manager: Angela D. Overcash

RECEIVING LABORATORY:

Gulf Coast Analytical Labs, Inc.
7979 GSRI Avenue
Baton Rouge, LA 70820
Phone :(225) 769-4900
Fax: (225) 767-5717

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 4040530-01	**Water**	**Sampled:04/29/14 11:45**	MW9	1
TOC (Sub)		05/27/14 11:45		
RSK175 (Sub)		05/13/14 11:45		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4040530-02	**Water**	**Sampled:04/29/14 11:30**	MW-8	2
TOC (Sub)		05/27/14 11:30		
RSK175 (Sub)		05/13/14 11:30		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4040530-03	**Water**	**Sampled:04/29/14 09:55**	MW-7	3
TOC (Sub)		05/27/14 09:55		
RSK175 (Sub)		05/13/14 09:55		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4040530-04	**Water**	**Sampled:04/29/14 10:45**	MW-20	4
TOC (Sub)		05/27/14 10:45		
RSK175 (Sub)		05/13/14 10:45		Methane, Ethane, Ethene
Containers Supplied:				7987-1033-1900
				2.8, 1.9, 2.4 E24

Released By	Date	Received By	Date
[signature]	4/30/14	FEDEX	4.30.14
FEDEX	5.1.14 10:00	[signature]	5/1/14 10:00

Page 1 of 1

GCAL ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIVING CHECKLIST

214050115

SAMPLE DELIVERY GROUP 214050115	
Client 4565 - Access Analytical	**Transport Method** FEDEX
Profile Number 80251	**Received By** Brown, Aaron D.
Line Item(s) 1 - Water BTEX/Naph/MTBE	**Receive Date(s)** 05/01/14

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: E24	Temp(°C)
7987 1033 1900		2.8
		1.9
		2.4

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

06/10/2014

Solutions-IES, Inc.
Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Lab Submittal Date: 04/29/2014
Prism Work Order: 4040531

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Narrative Notes:

This is a Revised Report and supercedes the original laboratory report dated 5/15/14. Mercury has been removed for the report.

TOC, Ethane, Ethene & Methane analysis was subcontracted to GCAL. Laboratory report is attached.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Angela D. Overcash
VP Laboratory Services

Reviewed By Robbi A. Jones For Angela D. Overcash
President/Project Manager

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Data Qualifiers Key Reference:

Aa	Recovery for final CCV (112%) is outside the control limits (90-110%).
CVL	CCV result is below the control limits. LCS recovery within the limits. Analyte not detected in the sample. No further action taken.
DH	Dilution for this sample/analyte was analyzed outside method recommended hold time.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Sample Receipt Summary

06/10/2014

Prism Work Order: 4040531

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
MW-2	4040531-01	Water	04/28/14	04/29/14
MW-4	4040531-02	Water	04/28/14	04/29/14
MW-16	4040531-03	Water	04/28/14	04/29/14
MW-18	4040531-04	Water	04/28/14	04/29/14
MW-19	4040531-05	Water	04/28/14	04/29/14
Dup-1	4040531-06	Water	04/28/14	04/29/14
TB-1	4040531-07	Water	04/28/14	04/29/14

Samples were received in good condition at 1.9 degrees C unless otherwise noted.

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Summary of Detections

06/10/2014

Prism Work Order: 4040531

Prism ID	Client ID	Parameter	Method	Result		Units
4040531-01	MW-2	Nitrate as N	*9056A	0.17		mg/L
4040531-01	MW-2	Ferrous Iron	*SM3500-Fe D	220		mg/L
4040531-01	MW-2	Total Alkalinity	*SM2320 B	450		mg/L
4040531-01	MW-2	Iron	*6010C	220		mg/L
4040531-01	MW-2	Magnesium	*6010C	22		mg/L
4040531-01	MW-2	1,1-Dichloroethylene	8260B	280		ug/L
4040531-01	MW-2	cis-1,2-Dichloroethylene	8260B	1900		ug/L
4040531-01	MW-2	Methyl Ethyl Ketone (2-Butanone)	8260B	360		ug/L
4040531-01	MW-2	Tetrachloroethylene	8260B	29		ug/L
4040531-01	MW-2	Trichloroethylene	8260B	25		ug/L
4040531-01	MW-2	Vinyl chloride	8260B	43		ug/L
4040531-02	MW-4	Nitrate as N	*9056A	9.1		mg/L
4040531-02	MW-4	Sulfate	*9056A	3300		mg/L
4040531-02	MW-4	Iron	*6010C	0.21		mg/L
4040531-02	MW-4	Magnesium	*6010C	95		mg/L
4040531-02	MW-4	1,1,1-Trichloroethane	8260B	5600		ug/L
4040531-02	MW-4	1,1-Dichloroethylene	8260B	3700		ug/L
4040531-02	MW-4	Ethylbenzene	8260B	72		ug/L
4040531-02	MW-4	m,p-Xylenes	8260B	260		ug/L
4040531-02	MW-4	o-Xylene	8260B	62		ug/L
4040531-02	MW-4	Tetrachloroethylene	8260B	29000		ug/L
4040531-02	MW-4	Toluene	8260B	46		ug/L
4040531-02	MW-4	Trichloroethylene	8260B	5300		ug/L
4040531-02	MW-4	Trichlorofluoromethane	8260B	170		ug/L
4040531-03	MW-16	Nitrate as N	*9056A	0.27		mg/L
4040531-03	MW-16	Sulfate	*9056A	1.6		mg/L
4040531-03	MW-16	Ferrous Iron	*SM3500-Fe D	110		mg/L
4040531-03	MW-16	Total Alkalinity	*SM2320 B	460		mg/L
4040531-03	MW-16	Iron	*6010C	120		mg/L
4040531-03	MW-16	Magnesium	*6010C	20		mg/L
4040531-03	MW-16	1,1-Dichloroethane	8260B	28		ug/L
4040531-03	MW-16	1,1-Dichloroethylene	8260B	780		ug/L
4040531-03	MW-16	cis-1,2-Dichloroethylene	8260B	9400		ug/L
4040531-03	MW-16	Methyl Ethyl Ketone (2-Butanone)	8260B	210	J	ug/L
4040531-03	MW-16	Trichloroethylene	8260B	740		ug/L
4040531-04	MW-18	Nitrate as N	*9056A	24	Aa, DH	mg/L
4040531-04	MW-18	Sulfate	*9056A	3200		mg/L
4040531-04	MW-18	Ferrous Iron	*SM3500-Fe D	0.20		mg/L
4040531-04	MW-18	Iron	*6010C	0.76		mg/L
4040531-04	MW-18	Magnesium	*6010C	85		mg/L
4040531-04	MW-18	1,1,1-Trichloroethane	8260B	20000		ug/L
4040531-04	MW-18	1,1-Dichloroethane	8260B	110		ug/L
4040531-04	MW-18	1,1-Dichloroethylene	8260B	14000		ug/L
4040531-04	MW-18	Ethylbenzene	8260B	190		ug/L

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Summary of Detections

06/10/2014

Prism Work Order: 4040531

Prism ID	Client ID	Parameter	Method	Result		Units
4040531-04	MW-18	m,p-Xylenes	8260B	670		ug/L
4040531-04	MW-18	o-Xylene	8260B	170		ug/L
4040531-04	MW-18	Tetrachloroethylene	8260B	66000		ug/L
4040531-04	MW-18	Toluene	8260B	120		ug/L
4040531-04	MW-18	Trichloroethylene	8260B	14000		ug/L
4040531-04	MW-18	Trichlorofluoromethane	8260B	700		ug/L
4040531-05	MW-19	Nitrate as N	*9056A	15	Aa, DH	mg/L
4040531-05	MW-19	Sulfate	*9056A	710		mg/L
4040531-05	MW-19	Iron	*6010C	0.33		mg/L
4040531-05	MW-19	Magnesium	*6010C	22		mg/L
4040531-05	MW-19	1,1-Dichloroethane	8260B	1.1		ug/L
4040531-05	MW-19	1,1-Dichloroethylene	8260B	14		ug/L
4040531-05	MW-19	Benzene	8260B	0.98		ug/L
4040531-05	MW-19	Tetrachloroethylene	8260B	130		ug/L
4040531-05	MW-19	Trichloroethylene	8260B	0.75		ug/L
4040531-06	Dup-1	1,1-Dichloroethylene	8260B	300		ug/L
4040531-06	Dup-1	cis-1,2-Dichloroethylene	8260B	2000		ug/L
4040531-06	Dup-1	Methyl Ethyl Ketone (2-Butanone)	8260B	380		ug/L
4040531-06	Dup-1	Tetrachloroethylene	8260B	11		ug/L
4040531-06	Dup-1	Trichloroethylene	8260B	14		ug/L
4040531-06	Dup-1	Vinyl chloride	8260B	45		ug/L

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 4040531-01
Prism Work Order: 4040531
Time Collected: 04/28/14 12:50
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**0.17**	**mg/L**	**0.10**	**0.046**	**1**	***9056A**	**4/29/14 18:18**	**PJF**	**P4E0022**
Sulfate	BRL	mg/L	1.0	0.13	1	*9056A	4/29/14 18:18	PJF	P4E0022
General Chemistry Parameters									
Ferrous Iron	**220**	**mg/L**	**20**	**3.9**	**100**	***SM3500-Fe D**	**4/30/14 11:25**	**JAB**	**P4E0054**
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	**450**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**5/8/14 12:00**	**MES**	**P4E0151**
Total Metals									
Iron	**220**	**mg/L**	**2.0**	**0.53**	**20**	***6010C**	**5/5/14 16:35**	**BGM**	**P4D0609**
Magnesium	**22**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 19:23**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	4/30/14 21:16	VHL	P4E0009
1,1,1-Trichloroethane	BRL	ug/L	10	1.3	20	8260B	4/30/14 21:16	VHL	P4E0009
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	4/30/14 21:16	VHL	P4E0009
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	4/30/14 21:16	VHL	P4E0009
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	4/30/14 21:16	VHL	P4E0009
1,1-Dichloroethylene	**280**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**4/30/14 21:16**	**VHL**	**P4E0009**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2,3-Trichlorobenzene	BRL	ug/L	40	4.0	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	4/30/14 21:16	VHL	P4E0009
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	4/30/14 21:16	VHL	P4E0009
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	4/30/14 21:16	VHL	P4E0009
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	4/30/14 21:16	VHL	P4E0009
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	4/30/14 21:16	VHL	P4E0009
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	4/30/14 21:16	VHL	P4E0009
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	4/30/14 21:16	VHL	P4E0009
2-Chloroethyl Vinyl Ether	BRL	ug/L	100	4.5	20	8260B	4/30/14 21:16	VHL	P4E0009
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	4/30/14 21:16	VHL	P4E0009
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	4/30/14 21:16	VHL	P4E0009
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	4/30/14 21:16	VHL	P4E0009
Acetone	BRL	ug/L	100	12	20	8260B	4/30/14 21:16	VHL	P4E0009
Acrolein	BRL	ug/L	400	22	20	8260B	4/30/14 21:16	VHL	P4E0009
Acrylonitrile	BRL	ug/L	400	17	20	8260B	4/30/14 21:16	VHL	P4E0009
Benzene	BRL	ug/L	10	1.4	20	8260B	4/30/14 21:16	VHL	P4E0009
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	4/30/14 21:16	VHL	P4E0009
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	4/30/14 21:16	VHL	P4E0009

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 4040531-01
Prism Work Order: 4040531
Time Collected: 04/28/14 12:50
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	4/30/14 21:16	VHL	P4E0009
Bromoform	BRL	ug/L	20	5.4	20	8260B	4/30/14 21:16	VHL	P4E0009
Bromomethane	BRL	ug/L	20	9.3	20	8260B	4/30/14 21:16	VHL	P4E0009
Carbon disulfide	BRL	ug/L	100	28	20	8260B	4/30/14 21:16	VHL	P4E0009
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	4/30/14 21:16	VHL	P4E0009
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	4/30/14 21:16	VHL	P4E0009
Chloroethane	BRL	ug/L	10	2.6	20	8260B	4/30/14 21:16	VHL	P4E0009
Chloroform	BRL	ug/L	10	1.8	20	8260B	4/30/14 21:16	VHL	P4E0009
Chloromethane	BRL	ug/L	10	2.2	20	8260B	4/30/14 21:16	VHL	P4E0009
cis-1,2-Dichloroethylene	**1900**	**ug/L**	**10**	**1.5**	**20**	**8260B**	**4/30/14 21:16**	**VHL**	**P4E0009**
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	4/30/14 21:16	VHL	P4E0009
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	4/30/14 21:16	VHL	P4E0009
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	4/30/14 21:16	VHL	P4E0009
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	4/30/14 21:16	VHL	P4E0009
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	4/30/14 21:16	VHL	P4E0009
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	4/30/14 21:16	VHL	P4E0009
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	4/30/14 21:16	VHL	P4E0009
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	4/30/14 21:16	VHL	P4E0009
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	4/30/14 21:16	VHL	P4E0009
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	4/30/14 21:16	VHL	P4E0009
Methyl Ethyl Ketone (2-Butanone)	**360**	**ug/L**	**100**	**18**	**20**	**8260B**	**4/30/14 21:16**	**VHL**	**P4E0009**
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	4/30/14 21:16	VHL	P4E0009
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	4/30/14 21:16	VHL	P4E0009
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	4/30/14 21:16	VHL	P4E0009
Naphthalene	BRL	ug/L	20	2.0	20	8260B	4/30/14 21:16	VHL	P4E0009
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	4/30/14 21:16	VHL	P4E0009
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	4/30/14 21:16	VHL	P4E0009
o-Xylene	BRL	ug/L	10	0.92	20	8260B	4/30/14 21:16	VHL	P4E0009
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	4/30/14 21:16	VHL	P4E0009
Styrene	BRL	ug/L	10	0.94	20	8260B	4/30/14 21:16	VHL	P4E0009
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	4/30/14 21:16	VHL	P4E0009
Tetrachloroethylene	**29**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**4/30/14 21:16**	**VHL**	**P4E0009**
Toluene	BRL	ug/L	10	0.85	20	8260B	4/30/14 21:16	VHL	P4E0009
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	4/30/14 21:16	VHL	P4E0009
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	4/30/14 21:16	VHL	P4E0009
Trichloroethylene	**25**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**4/30/14 21:16**	**VHL**	**P4E0009**
Trichlorofluoromethane	BRL	ug/L	10	1.8	20	8260B	4/30/14 21:16	VHL	P4E0009
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	4/30/14 21:16	VHL	P4E0009
Vinyl chloride	**43**	**ug/L**	**10**	**3.1**	**20**	**8260B**	**4/30/14 21:16**	**VHL**	**P4E0009**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*103 %*	*80-124*
Dibromofluoromethane	*104 %*	*75-129*
Toluene-d8	*102 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4040531-02
Prism Work Order: 4040531
Time Collected: 04/28/14 12:50
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**9.1**	**mg/L**	**0.10**	**0.046**	**1**	***9056A**	**4/29/14 18:34**	**PJF**	**P4E0022**
Sulfate	**3300**	**mg/L**	**50**	**6.4**	**50**	***9056A**	**5/2/14 17:06**	**PJF**	**P4E0056**
General Chemistry Parameters									
Ferrous Iron	BRL	mg/L	0.20	0.039	1	*SM3500-Fe D	4/30/14 11:25	JAB	P4E0054
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	BRL	mg/L	5.0	0.77	1	*SM2320 B	5/8/14 12:00	MES	P4E0151
Total Metals									
Iron	**0.21**	**mg/L**	**0.10**	**0.026**	**1**	***6010C**	**4/30/14 19:32**	**BGM**	**P4D0609**
Magnesium	**95**	**mg/L**	**2.0**	**0.014**	**20**	***6010C**	**5/5/14 16:42**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	25	7.4	50	8260B	4/30/14 22:06	VHL	P4E0009
1,1,1-Trichloroethane	**5600**	**ug/L**	**1000**	**130**	**2000**	**8260B**	**4/30/14 22:31**	**VHL**	**P4E0009**
1,1,2,2-Tetrachloroethane	BRL	ug/L	25	3.6	50	8260B	4/30/14 22:06	VHL	P4E0009
1,1,2-Trichloroethane	BRL	ug/L	25	8.3	50	8260B	4/30/14 22:06	VHL	P4E0009
1,1-Dichloroethane	BRL	ug/L	25	4.8	50	8260B	4/30/14 22:06	VHL	P4E0009
1,1-Dichloroethylene	**3700**	**ug/L**	**25**	**3.9**	**50**	**8260B**	**4/30/14 22:06**	**VHL**	**P4E0009**
1,1-Dichloropropylene	BRL	ug/L	25	3.1	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2,3-Trichlorobenzene	BRL	ug/L	100	10	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2,3-Trichloropropane	BRL	ug/L	50	4.1	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2,4-Trichlorobenzene	BRL	ug/L	50	5.1	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2,4-Trimethylbenzene	BRL	ug/L	25	2.4	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2-Dibromo-3-chloropropane	BRL	ug/L	100	30	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2-Dibromoethane	BRL	ug/L	25	6.8	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2-Dichlorobenzene	BRL	ug/L	25	3.8	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2-Dichloroethane	BRL	ug/L	25	7.0	50	8260B	4/30/14 22:06	VHL	P4E0009
1,2-Dichloropropane	BRL	ug/L	25	6.4	50	8260B	4/30/14 22:06	VHL	P4E0009
1,3,5-Trimethylbenzene	BRL	ug/L	25	2.8	50	8260B	4/30/14 22:06	VHL	P4E0009
1,3-Dichlorobenzene	BRL	ug/L	25	3.7	50	8260B	4/30/14 22:06	VHL	P4E0009
1,3-Dichloropropane	BRL	ug/L	25	5.6	50	8260B	4/30/14 22:06	VHL	P4E0009
1,4-Dichlorobenzene	BRL	ug/L	25	3.4	50	8260B	4/30/14 22:06	VHL	P4E0009
2,2-Dichloropropane	BRL	ug/L	100	5.7	50	8260B	4/30/14 22:06	VHL	P4E0009
2-Chloroethyl Vinyl Ether	BRL	ug/L	250	11	50	8260B	4/30/14 22:06	VHL	P4E0009
2-Chlorotoluene	BRL	ug/L	25	1.9	50	8260B	4/30/14 22:06	VHL	P4E0009
4-Chlorotoluene	BRL	ug/L	25	2.6	50	8260B	4/30/14 22:06	VHL	P4E0009
4-Isopropyltoluene	BRL	ug/L	25	3.3	50	8260B	4/30/14 22:06	VHL	P4E0009
Acetone	BRL	ug/L	250	31	50	8260B	4/30/14 22:06	VHL	P4E0009
Acrolein	BRL	ug/L	1000	55	50	8260B	4/30/14 22:06	VHL	P4E0009
Acrylonitrile	BRL	ug/L	1000	43	50	8260B	4/30/14 22:06	VHL	P4E0009
Benzene	BRL	ug/L	25	3.6	50	8260B	4/30/14 22:06	VHL	P4E0009
Bromobenzene	BRL	ug/L	25	3.2	50	8260B	4/30/14 22:06	VHL	P4E0009
Bromochloromethane	BRL	ug/L	25	6.3	50	8260B	4/30/14 22:06	VHL	P4E0009

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 4040531-02
Prism Work Order: 4040531
Time Collected: 04/28/14 12:50
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	25	3.1	50	8260B	4/30/14 22:06	VHL	P4E0009
Bromoform	BRL	ug/L	50	14	50	8260B	4/30/14 22:06	VHL	P4E0009
Bromomethane	BRL	ug/L	50	23	50	8260B	4/30/14 22:06	VHL	P4E0009
Carbon disulfide	BRL	ug/L	250	69	50	8260B	4/30/14 22:06	VHL	P4E0009
Carbon Tetrachloride	BRL	ug/L	25	5.9	50	8260B	4/30/14 22:06	VHL	P4E0009
Chlorobenzene	BRL	ug/L	25	3.1	50	8260B	4/30/14 22:06	VHL	P4E0009
Chloroethane	BRL	ug/L	25	6.4	50	8260B	4/30/14 22:06	VHL	P4E0009
Chloroform	BRL	ug/L	25	4.4	50	8260B	4/30/14 22:06	VHL	P4E0009
Chloromethane	BRL	ug/L	25	5.6	50	8260B	4/30/14 22:06	VHL	P4E0009
cis-1,2-Dichloroethylene	BRL	ug/L	25	3.8	50	8260B	4/30/14 22:06	VHL	P4E0009
cis-1,3-Dichloropropylene	BRL	ug/L	25	5.2	50	8260B	4/30/14 22:06	VHL	P4E0009
Dibromochloromethane	BRL	ug/L	25	15	50	8260B	4/30/14 22:06	VHL	P4E0009
Dibromomethane	BRL	ug/L	25	6.5	50	8260B	4/30/14 22:06	VHL	P4E0009
Dichlorodifluoromethane	BRL	ug/L	50	5.4	50	8260B	4/30/14 22:06	VHL	P4E0009
Ethylbenzene	**72**	**ug/L**	**25**	**3.4**	**50**	**8260B**	**4/30/14 22:06**	**VHL**	**P4E0009**
Hexachlorobutadiene	BRL	ug/L	100	18	50	8260B	4/30/14 22:06	VHL	P4E0009
Isopropyl Ether	BRL	ug/L	25	2.2	50	8260B	4/30/14 22:06	VHL	P4E0009
Isopropylbenzene (Cumene)	BRL	ug/L	25	3.6	50	8260B	4/30/14 22:06	VHL	P4E0009
m,p-Xylenes	**260**	**ug/L**	**50**	**4.0**	**50**	**8260B**	**4/30/14 22:06**	**VHL**	**P4E0009**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	250	9.4	50	8260B	4/30/14 22:06	VHL	P4E0009
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	250	45	50	8260B	4/30/14 22:06	VHL	P4E0009
Methyl Isobutyl Ketone	BRL	ug/L	250	6.2	50	8260B	4/30/14 22:06	VHL	P4E0009
Methylene Chloride	BRL	ug/L	50	22	50	8260B	4/30/14 22:06	VHL	P4E0009
Methyl-tert-Butyl Ether	BRL	ug/L	25	3.5	50	8260B	4/30/14 22:06	VHL	P4E0009
Naphthalene	BRL	ug/L	50	4.9	50	8260B	4/30/14 22:06	VHL	P4E0009
n-Butylbenzene	BRL	ug/L	50	5.6	50	8260B	4/30/14 22:06	VHL	P4E0009
n-Propylbenzene	BRL	ug/L	25	3.0	50	8260B	4/30/14 22:06	VHL	P4E0009
o-Xylene	**62**	**ug/L**	**25**	**2.3**	**50**	**8260B**	**4/30/14 22:06**	**VHL**	**P4E0009**
sec-Butylbenzene	BRL	ug/L	25	4.3	50	8260B	4/30/14 22:06	VHL	P4E0009
Styrene	BRL	ug/L	25	2.4	50	8260B	4/30/14 22:06	VHL	P4E0009
tert-Butylbenzene	BRL	ug/L	25	4.0	50	8260B	4/30/14 22:06	VHL	P4E0009
Tetrachloroethylene	**29000**	**ug/L**	**1000**	**140**	**2000**	**8260B**	**4/30/14 22:31**	**VHL**	**P4E0009**
Toluene	**46**	**ug/L**	**25**	**2.1**	**50**	**8260B**	**4/30/14 22:06**	**VHL**	**P4E0009**
trans-1,2-Dichloroethylene	BRL	ug/L	25	5.8	50	8260B	4/30/14 22:06	VHL	P4E0009
trans-1,3-Dichloropropylene	BRL	ug/L	25	2.2	50	8260B	4/30/14 22:06	VHL	P4E0009
Trichloroethylene	**5300**	**ug/L**	**1000**	**110**	**2000**	**8260B**	**4/30/14 22:31**	**VHL**	**P4E0009**
Trichlorofluoromethane	**170**	**ug/L**	**25**	**4.4**	**50**	**8260B**	**4/30/14 22:06**	**VHL**	**P4E0009**
Vinyl acetate	BRL	ug/L	100	5.0	50	8260B	4/30/14 22:06	VHL	P4E0009
Vinyl chloride	BRL	ug/L	25	7.8	50	8260B	4/30/14 22:06	VHL	P4E0009

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*101 %*	*80-124*
Dibromofluoromethane	*95 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-16
Prism Sample ID: 4040531-03
Prism Work Order: 4040531
Time Collected: 04/28/14 14:05
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**0.27**	**mg/L**	**0.10**	**0.046**	**1**	***9056A**	**4/29/14 18:50**	**PJF**	**P4E0022**
Sulfate	**1.6**	**mg/L**	**1.0**	**0.13**	**1**	***9056A**	**4/29/14 18:50**	**PJF**	**P4E0022**
General Chemistry Parameters									
Ferrous Iron	**110**	**mg/L**	**10**	**2.0**	**50**	***SM3500-Fe D**	**4/30/14 11:25**	**JAB**	**P4E0054**
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	**460**	**mg/L**	**5.0**	**0.77**	**1**	***SM2320 B**	**5/8/14 12:00**	**MES**	**P4E0151**
Total Metals									
Iron	**120**	**mg/L**	**2.0**	**0.53**	**20**	***6010C**	**5/5/14 16:49**	**BGM**	**P4D0609**
Magnesium	**20**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 19:39**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	25	7.4	50	8260B	5/2/14 17:20	VHL	P4E0050
1,1,1-Trichloroethane	BRL	ug/L	25	3.1	50	8260B	5/2/14 17:20	VHL	P4E0050
1,1,2,2-Tetrachloroethane	BRL	ug/L	25	3.6	50	8260B	5/2/14 17:20	VHL	P4E0050
1,1,2-Trichloroethane	BRL	ug/L	25	8.3	50	8260B	5/2/14 17:20	VHL	P4E0050
1,1-Dichloroethane	**28**	**ug/L**	**25**	**4.8**	**50**	**8260B**	**5/2/14 17:20**	**VHL**	**P4E0050**
1,1-Dichloroethylene	**780**	**ug/L**	**25**	**3.9**	**50**	**8260B**	**5/2/14 17:20**	**VHL**	**P4E0050**
1,1-Dichloropropylene	BRL	ug/L	25	3.1	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2,3-Trichlorobenzene	BRL CVL	ug/L	100	10	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2,3-Trichloropropane	BRL	ug/L	50	4.1	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2,4-Trichlorobenzene	BRL	ug/L	50	5.1	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2,4-Trimethylbenzene	BRL	ug/L	25	2.4	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2-Dibromo-3-chloropropane	BRL	ug/L	100	30	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2-Dibromoethane	BRL	ug/L	25	6.8	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2-Dichlorobenzene	BRL	ug/L	25	3.8	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2-Dichloroethane	BRL	ug/L	25	7.0	50	8260B	5/2/14 17:20	VHL	P4E0050
1,2-Dichloropropane	BRL	ug/L	25	6.4	50	8260B	5/2/14 17:20	VHL	P4E0050
1,3,5-Trimethylbenzene	BRL	ug/L	25	2.8	50	8260B	5/2/14 17:20	VHL	P4E0050
1,3-Dichlorobenzene	BRL	ug/L	25	3.7	50	8260B	5/2/14 17:20	VHL	P4E0050
1,3-Dichloropropane	BRL	ug/L	25	5.6	50	8260B	5/2/14 17:20	VHL	P4E0050
1,4-Dichlorobenzene	BRL	ug/L	25	3.4	50	8260B	5/2/14 17:20	VHL	P4E0050
2,2-Dichloropropane	BRL	ug/L	100	5.7	50	8260B	5/2/14 17:20	VHL	P4E0050
2-Chloroethyl Vinyl Ether	BRL	ug/L	250	11	50	8260B	5/2/14 17:20	VHL	P4E0050
2-Chlorotoluene	BRL	ug/L	25	1.9	50	8260B	5/2/14 17:20	VHL	P4E0050
4-Chlorotoluene	BRL	ug/L	25	2.6	50	8260B	5/2/14 17:20	VHL	P4E0050
4-Isopropyltoluene	BRL	ug/L	25	3.3	50	8260B	5/2/14 17:20	VHL	P4E0050
Acetone	BRL	ug/L	250	31	50	8260B	5/2/14 17:20	VHL	P4E0050
Acrolein	BRL	ug/L	1000	55	50	8260B	5/2/14 17:20	VHL	P4E0050
Acrylonitrile	BRL	ug/L	1000	43	50	8260B	5/2/14 17:20	VHL	P4E0050
Benzene	BRL	ug/L	25	3.6	50	8260B	5/2/14 17:20	VHL	P4E0050
Bromobenzene	BRL	ug/L	25	3.2	50	8260B	5/2/14 17:20	VHL	P4E0050
Bromochloromethane	BRL	ug/L	25	6.3	50	8260B	5/2/14 17:20	VHL	P4E0050

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-16
Prism Sample ID: 4040531-03
Prism Work Order: 4040531
Time Collected: 04/28/14 14:05
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	25	3.1	50	8260B	5/2/14 17:20	VHL	P4E0050
Bromoform	BRL	ug/L	50	14	50	8260B	5/2/14 17:20	VHL	P4E0050
Bromomethane	BRL	ug/L	50	23	50	8260B	5/2/14 17:20	VHL	P4E0050
Carbon disulfide	BRL	ug/L	250	69	50	8260B	5/2/14 17:20	VHL	P4E0050
Carbon Tetrachloride	BRL	ug/L	25	5.9	50	8260B	5/2/14 17:20	VHL	P4E0050
Chlorobenzene	BRL	ug/L	25	3.1	50	8260B	5/2/14 17:20	VHL	P4E0050
Chloroethane	BRL	ug/L	25	6.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Chloroform	BRL	ug/L	25	4.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Chloromethane	BRL	ug/L	25	5.6	50	8260B	5/2/14 17:20	VHL	P4E0050
cis-1,2-Dichloroethylene	**9400**	**ug/L**	**500**	**76**	**1000**	**8260B**	**5/2/14 17:45**	**VHL**	**P4E0050**
cis-1,3-Dichloropropylene	BRL	ug/L	25	5.2	50	8260B	5/2/14 17:20	VHL	P4E0050
Dibromochloromethane	BRL	ug/L	25	15	50	8260B	5/2/14 17:20	VHL	P4E0050
Dibromomethane	BRL	ug/L	25	6.5	50	8260B	5/2/14 17:20	VHL	P4E0050
Dichlorodifluoromethane	BRL	ug/L	50	5.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Ethylbenzene	BRL	ug/L	25	3.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Hexachlorobutadiene	BRL	ug/L	100	18	50	8260B	5/2/14 17:20	VHL	P4E0050
Isopropyl Ether	BRL	ug/L	25	2.2	50	8260B	5/2/14 17:20	VHL	P4E0050
Isopropylbenzene (Cumene)	BRL	ug/L	25	3.6	50	8260B	5/2/14 17:20	VHL	P4E0050
m,p-Xylenes	BRL	ug/L	50	4.0	50	8260B	5/2/14 17:20	VHL	P4E0050
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	250	9.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Methyl Ethyl Ketone (2-Butanone)	**210 J**	**ug/L**	**250**	**45**	**50**	**8260B**	**5/2/14 17:20**	**VHL**	**P4E0050**
Methyl Isobutyl Ketone	BRL	ug/L	250	6.2	50	8260B	5/2/14 17:20	VHL	P4E0050
Methylene Chloride	BRL	ug/L	50	22	50	8260B	5/2/14 17:20	VHL	P4E0050
Methyl-tert-Butyl Ether	BRL	ug/L	25	3.5	50	8260B	5/2/14 17:20	VHL	P4E0050
Naphthalene	BRL	ug/L	50	4.9	50	8260B	5/2/14 17:20	VHL	P4E0050
n-Butylbenzene	BRL	ug/L	50	5.6	50	8260B	5/2/14 17:20	VHL	P4E0050
n-Propylbenzene	BRL	ug/L	25	3.0	50	8260B	5/2/14 17:20	VHL	P4E0050
o-Xylene	BRL	ug/L	25	2.3	50	8260B	5/2/14 17:20	VHL	P4E0050
sec-Butylbenzene	BRL	ug/L	25	4.3	50	8260B	5/2/14 17:20	VHL	P4E0050
Styrene	BRL	ug/L	25	2.4	50	8260B	5/2/14 17:20	VHL	P4E0050
tert-Butylbenzene	BRL	ug/L	25	4.0	50	8260B	5/2/14 17:20	VHL	P4E0050
Tetrachloroethylene	BRL	ug/L	25	3.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Toluene	BRL	ug/L	25	2.1	50	8260B	5/2/14 17:20	VHL	P4E0050
trans-1,2-Dichloroethylene	BRL	ug/L	25	5.8	50	8260B	5/2/14 17:20	VHL	P4E0050
trans-1,3-Dichloropropylene	BRL	ug/L	25	2.2	50	8260B	5/2/14 17:20	VHL	P4E0050
Trichloroethylene	**740**	**ug/L**	**25**	**2.7**	**50**	**8260B**	**5/2/14 17:20**	**VHL**	**P4E0050**
Trichlorofluoromethane	BRL	ug/L	25	4.4	50	8260B	5/2/14 17:20	VHL	P4E0050
Vinyl acetate	BRL	ug/L	100	5.0	50	8260B	5/2/14 17:20	VHL	P4E0050
Vinyl chloride	BRL	ug/L	25	7.8	50	8260B	5/2/14 17:20	VHL	P4E0050

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*100 %*	*80-124*
Dibromofluoromethane	*107 %*	*75-129*
Toluene-d8	*108 %*	*77-123*

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Laboratory Report

06/10/2014

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-18
Prism Sample ID: 4040531-04
Prism Work Order: 4040531
Time Collected: 04/28/14 14:30
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**24 Aa, DH**	**mg/L**	**1.0**	**0.46**	**10**	***9056A**	**4/30/14 16:23**	**MES**	**P4E0025**
Sulfate	**3200**	**mg/L**	**50**	**6.4**	**50**	***9056A**	**5/13/14 9:36**	**PJF**	**P4E0226**
General Chemistry Parameters									
Ferrous Iron	**0.20**	**mg/L**	**0.20**	**0.039**	**1**	***SM3500-Fe D**	**4/30/14 11:25**	**JAB**	**P4E0054**
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	BRL	mg/L	5.0	0.77	1	*SM2320 B	5/8/14 12:00	MES	P4E0151
Total Metals									
Iron	**0.76**	**mg/L**	**0.10**	**0.026**	**1**	***6010C**	**4/30/14 19:47**	**BGM**	**P4D0609**
Magnesium	**85**	**mg/L**	**2.0**	**0.014**	**20**	***6010C**	**5/5/14 16:54**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	100	29	200	8260B	5/2/14 18:10	VHL	P4E0050
1,1,1-Trichloroethane	**20000**	**ug/L**	**2500**	**310**	**5000**	**8260B**	**5/2/14 18:35**	**VHL**	**P4E0050**
1,1,2,2-Tetrachloroethane	BRL	ug/L	100	14	200	8260B	5/2/14 18:10	VHL	P4E0050
1,1,2-Trichloroethane	BRL	ug/L	100	33	200	8260B	5/2/14 18:10	VHL	P4E0050
1,1-Dichloroethane	**110**	**ug/L**	**100**	**19**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
1,1-Dichloroethylene	**14000**	**ug/L**	**100**	**16**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
1,1-Dichloropropylene	BRL	ug/L	100	12	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2,3-Trichlorobenzene	BRL CVL	ug/L	400	40	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2,3-Trichloropropane	BRL	ug/L	200	16	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2,4-Trichlorobenzene	BRL	ug/L	200	20	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2,4-Trimethylbenzene	BRL	ug/L	100	9.5	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2-Dibromo-3-chloropropane	BRL	ug/L	400	120	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2-Dibromoethane	BRL	ug/L	100	27	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2-Dichlorobenzene	BRL	ug/L	100	15	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2-Dichloroethane	BRL	ug/L	100	28	200	8260B	5/2/14 18:10	VHL	P4E0050
1,2-Dichloropropane	BRL	ug/L	100	25	200	8260B	5/2/14 18:10	VHL	P4E0050
1,3,5-Trimethylbenzene	BRL	ug/L	100	11	200	8260B	5/2/14 18:10	VHL	P4E0050
1,3-Dichlorobenzene	BRL	ug/L	100	15	200	8260B	5/2/14 18:10	VHL	P4E0050
1,3-Dichloropropane	BRL	ug/L	100	22	200	8260B	5/2/14 18:10	VHL	P4E0050
1,4-Dichlorobenzene	BRL	ug/L	100	14	200	8260B	5/2/14 18:10	VHL	P4E0050
2,2-Dichloropropane	BRL	ug/L	400	23	200	8260B	5/2/14 18:10	VHL	P4E0050
2-Chloroethyl Vinyl Ether	BRL	ug/L	1000	45	200	8260B	5/2/14 18:10	VHL	P4E0050
2-Chlorotoluene	BRL	ug/L	100	7.6	200	8260B	5/2/14 18:10	VHL	P4E0050
4-Chlorotoluene	BRL	ug/L	100	11	200	8260B	5/2/14 18:10	VHL	P4E0050
4-Isopropyltoluene	BRL	ug/L	100	13	200	8260B	5/2/14 18:10	VHL	P4E0050
Acetone	BRL	ug/L	1000	120	200	8260B	5/2/14 18:10	VHL	P4E0050
Acrolein	BRL	ug/L	4000	220	200	8260B	5/2/14 18:10	VHL	P4E0050
Acrylonitrile	BRL	ug/L	4000	170	200	8260B	5/2/14 18:10	VHL	P4E0050
Benzene	BRL	ug/L	100	14	200	8260B	5/2/14 18:10	VHL	P4E0050
Bromobenzene	BRL	ug/L	100	13	200	8260B	5/2/14 18:10	VHL	P4E0050
Bromochloromethane	BRL	ug/L	100	25	200	8260B	5/2/14 18:10	VHL	P4E0050

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-18
Prism Sample ID: 4040531-04
Prism Work Order: 4040531
Time Collected: 04/28/14 14:30
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	100	12	200	8260B	5/2/14 18:10	VHL	P4E0050
Bromoform	BRL	ug/L	200	54	200	8260B	5/2/14 18:10	VHL	P4E0050
Bromomethane	BRL	ug/L	200	93	200	8260B	5/2/14 18:10	VHL	P4E0050
Carbon disulfide	BRL	ug/L	1000	280	200	8260B	5/2/14 18:10	VHL	P4E0050
Carbon Tetrachloride	BRL	ug/L	100	24	200	8260B	5/2/14 18:10	VHL	P4E0050
Chlorobenzene	BRL	ug/L	100	12	200	8260B	5/2/14 18:10	VHL	P4E0050
Chloroethane	BRL	ug/L	100	26	200	8260B	5/2/14 18:10	VHL	P4E0050
Chloroform	BRL	ug/L	100	18	200	8260B	5/2/14 18:10	VHL	P4E0050
Chloromethane	BRL	ug/L	100	22	200	8260B	5/2/14 18:10	VHL	P4E0050
cis-1,2-Dichloroethylene	BRL	ug/L	100	15	200	8260B	5/2/14 18:10	VHL	P4E0050
cis-1,3-Dichloropropylene	BRL	ug/L	100	21	200	8260B	5/2/14 18:10	VHL	P4E0050
Dibromochloromethane	BRL	ug/L	100	60	200	8260B	5/2/14 18:10	VHL	P4E0050
Dibromomethane	BRL	ug/L	100	26	200	8260B	5/2/14 18:10	VHL	P4E0050
Dichlorodifluoromethane	BRL	ug/L	200	21	200	8260B	5/2/14 18:10	VHL	P4E0050
Ethylbenzene	**190**	**ug/L**	**100**	**13**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
Hexachlorobutadiene	BRL	ug/L	400	73	200	8260B	5/2/14 18:10	VHL	P4E0050
Isopropyl Ether	BRL	ug/L	100	8.7	200	8260B	5/2/14 18:10	VHL	P4E0050
Isopropylbenzene (Cumene)	BRL	ug/L	100	14	200	8260B	5/2/14 18:10	VHL	P4E0050
m,p-Xylenes	**670**	**ug/L**	**200**	**16**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1000	38	200	8260B	5/2/14 18:10	VHL	P4E0050
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	1000	180	200	8260B	5/2/14 18:10	VHL	P4E0050
Methyl Isobutyl Ketone	BRL	ug/L	1000	25	200	8260B	5/2/14 18:10	VHL	P4E0050
Methylene Chloride	BRL	ug/L	200	89	200	8260B	5/2/14 18:10	VHL	P4E0050
Methyl-tert-Butyl Ether	BRL	ug/L	100	14	200	8260B	5/2/14 18:10	VHL	P4E0050
Naphthalene	BRL	ug/L	200	20	200	8260B	5/2/14 18:10	VHL	P4E0050
n-Butylbenzene	BRL	ug/L	200	23	200	8260B	5/2/14 18:10	VHL	P4E0050
n-Propylbenzene	BRL	ug/L	100	12	200	8260B	5/2/14 18:10	VHL	P4E0050
o-Xylene	**170**	**ug/L**	**100**	**9.2**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
sec-Butylbenzene	BRL	ug/L	100	17	200	8260B	5/2/14 18:10	VHL	P4E0050
Styrene	BRL	ug/L	100	9.4	200	8260B	5/2/14 18:10	VHL	P4E0050
tert-Butylbenzene	BRL	ug/L	100	16	200	8260B	5/2/14 18:10	VHL	P4E0050
Tetrachloroethylene	**66000**	**ug/L**	**2500**	**340**	**5000**	**8260B**	**5/2/14 18:35**	**VHL**	**P4E0050**
Toluene	**120**	**ug/L**	**100**	**8.5**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
trans-1,2-Dichloroethylene	BRL	ug/L	100	23	200	8260B	5/2/14 18:10	VHL	P4E0050
trans-1,3-Dichloropropylene	BRL	ug/L	100	8.7	200	8260B	5/2/14 18:10	VHL	P4E0050
Trichloroethylene	**14000**	**ug/L**	**100**	**11**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
Trichlorofluoromethane	**700**	**ug/L**	**100**	**18**	**200**	**8260B**	**5/2/14 18:10**	**VHL**	**P4E0050**
Vinyl acetate	BRL	ug/L	400	20	200	8260B	5/2/14 18:10	VHL	P4E0050
Vinyl chloride	BRL	ug/L	100	31	200	8260B	5/2/14 18:10	VHL	P4E0050

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*101 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*105 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-19
Prism Sample ID: 4040531-05
Prism Work Order: 4040531
Time Collected: 04/28/14 15:20
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Nitrate as N	**15 Aa, DH**	**mg/L**	**1.0**	**0.46**	**10**	***9056A**	**4/30/14 17:20**	**MES**	**P4E0025**
Sulfate	**710**	**mg/L**	**10**	**1.3**	**10**	***9056A**	**5/13/14 11:21**	**PJF**	**P4E0226**
General Chemistry Parameters									
Ferrous Iron	BRL	mg/L	0.20	0.039	1	*SM3500-Fe D	4/30/14 11:25	JAB	P4E0054
Sulfide	BRL	mg/L	2.0	0.45	1	*SM4500-S F	5/5/14 11:30	MES	P4E0074
Total Alkalinity	BRL	mg/L	5.0	0.77	1	*SM2320 B	5/8/14 12:00	MES	P4E0151
Total Metals									
Iron	**0.33**	**mg/L**	**0.10**	**0.026**	**1**	***6010C**	**4/30/14 19:54**	**BGM**	**P4D0609**
Magnesium	**22**	**mg/L**	**0.10**	**0.00070**	**1**	***6010C**	**4/30/14 19:54**	**BGM**	**P4D0609**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/2/14 15:39	VHL	P4E0050
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/2/14 15:39	VHL	P4E0050
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/2/14 15:39	VHL	P4E0050
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/2/14 15:39	VHL	P4E0050
1,1-Dichloroethane	**1.1**	**ug/L**	**0.50**	**0.096**	**1**	**8260B**	**5/2/14 15:39**	**VHL**	**P4E0050**
1,1-Dichloroethylene	**14**	**ug/L**	**0.50**	**0.078**	**1**	**8260B**	**5/2/14 15:39**	**VHL**	**P4E0050**
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2,3-Trichlorobenzene	BRL CVL	ug/L	2.0	0.20	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/2/14 15:39	VHL	P4E0050
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/2/14 15:39	VHL	P4E0050
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	5/2/14 15:39	VHL	P4E0050
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	5/2/14 15:39	VHL	P4E0050
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	5/2/14 15:39	VHL	P4E0050
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/2/14 15:39	VHL	P4E0050
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	5/2/14 15:39	VHL	P4E0050
2-Chloroethyl Vinyl Ether	BRL	ug/L	5.0	0.22	1	8260B	5/2/14 15:39	VHL	P4E0050
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	5/2/14 15:39	VHL	P4E0050
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	5/2/14 15:39	VHL	P4E0050
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	5/2/14 15:39	VHL	P4E0050
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/2/14 15:39	VHL	P4E0050
Acrolein	BRL	ug/L	20	1.1	1	8260B	5/2/14 15:39	VHL	P4E0050
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/2/14 15:39	VHL	P4E0050
Benzene	**0.98**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**5/2/14 15:39**	**VHL**	**P4E0050**
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	5/2/14 15:39	VHL	P4E0050
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/2/14 15:39	VHL	P4E0050

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: MW-19
Prism Sample ID: 4040531-05
Prism Work Order: 4040531
Time Collected: 04/28/14 15:20
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/2/14 15:39	VHL	P4E0050
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/2/14 15:39	VHL	P4E0050
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/2/14 15:39	VHL	P4E0050
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/2/14 15:39	VHL	P4E0050
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/2/14 15:39	VHL	P4E0050
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/2/14 15:39	VHL	P4E0050
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/2/14 15:39	VHL	P4E0050
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/2/14 15:39	VHL	P4E0050
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/2/14 15:39	VHL	P4E0050
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/2/14 15:39	VHL	P4E0050
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/2/14 15:39	VHL	P4E0050
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/2/14 15:39	VHL	P4E0050
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/2/14 15:39	VHL	P4E0050
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	5/2/14 15:39	VHL	P4E0050
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/2/14 15:39	VHL	P4E0050
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	5/2/14 15:39	VHL	P4E0050
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	5/2/14 15:39	VHL	P4E0050
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	5/2/14 15:39	VHL	P4E0050
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/2/14 15:39	VHL	P4E0050
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/2/14 15:39	VHL	P4E0050
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/2/14 15:39	VHL	P4E0050
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/2/14 15:39	VHL	P4E0050
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/2/14 15:39	VHL	P4E0050
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	5/2/14 15:39	VHL	P4E0050
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	5/2/14 15:39	VHL	P4E0050
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	5/2/14 15:39	VHL	P4E0050
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	5/2/14 15:39	VHL	P4E0050
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/2/14 15:39	VHL	P4E0050
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	5/2/14 15:39	VHL	P4E0050
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/2/14 15:39	VHL	P4E0050
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	5/2/14 15:39	VHL	P4E0050
Tetrachloroethylene	**130**	**ug/L**	**25**	**3.4**	**50**	**8260B**	**5/2/14 16:04**	**VHL**	**P4E0050**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/2/14 15:39	VHL	P4E0050
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/2/14 15:39	VHL	P4E0050
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/2/14 15:39	VHL	P4E0050
Trichloroethylene	**0.75**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**5/2/14 15:39**	**VHL**	**P4E0050**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/2/14 15:39	VHL	P4E0050
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/2/14 15:39	VHL	P4E0050
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/2/14 15:39	VHL	P4E0050

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*99 %*	*80-124*
Dibromofluoromethane	*108 %*	*75-129*
Toluene-d8	*108 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: Dup-1
Prism Sample ID: 4040531-06
Prism Work Order: 4040531
Time Collected: 04/28/14 00:00
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	10	2.9	20	8260B	5/2/14 15:14	VHL	P4E0050
1,1,1-Trichloroethane	BRL	ug/L	10	1.3	20	8260B	5/2/14 15:14	VHL	P4E0050
1,1,2,2-Tetrachloroethane	BRL	ug/L	10	1.4	20	8260B	5/2/14 15:14	VHL	P4E0050
1,1,2-Trichloroethane	BRL	ug/L	10	3.3	20	8260B	5/2/14 15:14	VHL	P4E0050
1,1-Dichloroethane	BRL	ug/L	10	1.9	20	8260B	5/2/14 15:14	VHL	P4E0050
1,1-Dichloroethylene	**300**	**ug/L**	**10**	**1.6**	**20**	**8260B**	**5/2/14 15:14**	**VHL**	**P4E0050**
1,1-Dichloropropylene	BRL	ug/L	10	1.2	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2,3-Trichlorobenzene	BRL CVL	ug/L	40	4.0	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2,3-Trichloropropane	BRL	ug/L	20	1.6	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2,4-Trichlorobenzene	BRL	ug/L	20	2.0	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2,4-Trimethylbenzene	BRL	ug/L	10	0.95	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2-Dibromo-3-chloropropane	BRL	ug/L	40	12	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2-Dibromoethane	BRL	ug/L	10	2.7	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2-Dichloroethane	BRL	ug/L	10	2.8	20	8260B	5/2/14 15:14	VHL	P4E0050
1,2-Dichloropropane	BRL	ug/L	10	2.5	20	8260B	5/2/14 15:14	VHL	P4E0050
1,3,5-Trimethylbenzene	BRL	ug/L	10	1.1	20	8260B	5/2/14 15:14	VHL	P4E0050
1,3-Dichlorobenzene	BRL	ug/L	10	1.5	20	8260B	5/2/14 15:14	VHL	P4E0050
1,3-Dichloropropane	BRL	ug/L	10	2.2	20	8260B	5/2/14 15:14	VHL	P4E0050
1,4-Dichlorobenzene	BRL	ug/L	10	1.4	20	8260B	5/2/14 15:14	VHL	P4E0050
2,2-Dichloropropane	BRL	ug/L	40	2.3	20	8260B	5/2/14 15:14	VHL	P4E0050
2-Chloroethyl Vinyl Ether	BRL	ug/L	100	4.5	20	8260B	5/2/14 15:14	VHL	P4E0050
2-Chlorotoluene	BRL	ug/L	10	0.76	20	8260B	5/2/14 15:14	VHL	P4E0050
4-Chlorotoluene	BRL	ug/L	10	1.1	20	8260B	5/2/14 15:14	VHL	P4E0050
4-Isopropyltoluene	BRL	ug/L	10	1.3	20	8260B	5/2/14 15:14	VHL	P4E0050
Acetone	BRL	ug/L	100	12	20	8260B	5/2/14 15:14	VHL	P4E0050
Acrolein	BRL	ug/L	400	22	20	8260B	5/2/14 15:14	VHL	P4E0050
Acrylonitrile	BRL	ug/L	400	17	20	8260B	5/2/14 15:14	VHL	P4E0050
Benzene	BRL	ug/L	10	1.4	20	8260B	5/2/14 15:14	VHL	P4E0050
Bromobenzene	BRL	ug/L	10	1.3	20	8260B	5/2/14 15:14	VHL	P4E0050
Bromochloromethane	BRL	ug/L	10	2.5	20	8260B	5/2/14 15:14	VHL	P4E0050
Bromodichloromethane	BRL	ug/L	10	1.2	20	8260B	5/2/14 15:14	VHL	P4E0050
Bromoform	BRL	ug/L	20	5.4	20	8260B	5/2/14 15:14	VHL	P4E0050
Bromomethane	BRL	ug/L	20	9.3	20	8260B	5/2/14 15:14	VHL	P4E0050
Carbon disulfide	BRL	ug/L	100	28	20	8260B	5/2/14 15:14	VHL	P4E0050
Carbon Tetrachloride	BRL	ug/L	10	2.4	20	8260B	5/2/14 15:14	VHL	P4E0050
Chlorobenzene	BRL	ug/L	10	1.2	20	8260B	5/2/14 15:14	VHL	P4E0050
Chloroethane	BRL	ug/L	10	2.6	20	8260B	5/2/14 15:14	VHL	P4E0050
Chloroform	BRL	ug/L	10	1.8	20	8260B	5/2/14 15:14	VHL	P4E0050
Chloromethane	BRL	ug/L	10	2.2	20	8260B	5/2/14 15:14	VHL	P4E0050
cis-1,2-Dichloroethylene	**2000**	**ug/L**	**10**	**1.5**	**20**	**8260B**	**5/2/14 15:14**	**VHL**	**P4E0050**
cis-1,3-Dichloropropylene	BRL	ug/L	10	2.1	20	8260B	5/2/14 15:14	VHL	P4E0050

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: Dup-1
Prism Sample ID: 4040531-06
Prism Work Order: 4040531
Time Collected: 04/28/14 00:00
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	10	6.0	20	8260B	5/2/14 15:14	VHL	P4E0050
Dibromomethane	BRL	ug/L	10	2.6	20	8260B	5/2/14 15:14	VHL	P4E0050
Dichlorodifluoromethane	BRL	ug/L	20	2.1	20	8260B	5/2/14 15:14	VHL	P4E0050
Ethylbenzene	BRL	ug/L	10	1.3	20	8260B	5/2/14 15:14	VHL	P4E0050
Hexachlorobutadiene	BRL	ug/L	40	7.3	20	8260B	5/2/14 15:14	VHL	P4E0050
Isopropyl Ether	BRL	ug/L	10	0.87	20	8260B	5/2/14 15:14	VHL	P4E0050
Isopropylbenzene (Cumene)	BRL	ug/L	10	1.4	20	8260B	5/2/14 15:14	VHL	P4E0050
m,p-Xylenes	BRL	ug/L	20	1.6	20	8260B	5/2/14 15:14	VHL	P4E0050
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	100	3.8	20	8260B	5/2/14 15:14	VHL	P4E0050
Methyl Ethyl Ketone (2-Butanone)	**380**	**ug/L**	**100**	**18**	**20**	**8260B**	**5/2/14 15:14**	**VHL**	**P4E0050**
Methyl Isobutyl Ketone	BRL	ug/L	100	2.5	20	8260B	5/2/14 15:14	VHL	P4E0050
Methylene Chloride	BRL	ug/L	20	8.9	20	8260B	5/2/14 15:14	VHL	P4E0050
Methyl-tert-Butyl Ether	BRL	ug/L	10	1.4	20	8260B	5/2/14 15:14	VHL	P4E0050
Naphthalene	BRL	ug/L	20	2.0	20	8260B	5/2/14 15:14	VHL	P4E0050
n-Butylbenzene	BRL	ug/L	20	2.3	20	8260B	5/2/14 15:14	VHL	P4E0050
n-Propylbenzene	BRL	ug/L	10	1.2	20	8260B	5/2/14 15:14	VHL	P4E0050
o-Xylene	BRL	ug/L	10	0.92	20	8260B	5/2/14 15:14	VHL	P4E0050
sec-Butylbenzene	BRL	ug/L	10	1.7	20	8260B	5/2/14 15:14	VHL	P4E0050
Styrene	BRL	ug/L	10	0.94	20	8260B	5/2/14 15:14	VHL	P4E0050
tert-Butylbenzene	BRL	ug/L	10	1.6	20	8260B	5/2/14 15:14	VHL	P4E0050
Tetrachloroethylene	**11**	**ug/L**	**10**	**1.4**	**20**	**8260B**	**5/2/14 15:14**	**VHL**	**P4E0050**
Toluene	BRL	ug/L	10	0.85	20	8260B	5/2/14 15:14	VHL	P4E0050
trans-1,2-Dichloroethylene	BRL	ug/L	10	2.3	20	8260B	5/2/14 15:14	VHL	P4E0050
trans-1,3-Dichloropropylene	BRL	ug/L	10	0.87	20	8260B	5/2/14 15:14	VHL	P4E0050
Trichloroethylene	**14**	**ug/L**	**10**	**1.1**	**20**	**8260B**	**5/2/14 15:14**	**VHL**	**P4E0050**
Trichlorofluoromethane	BRL	ug/L	10	1.8	20	8260B	5/2/14 15:14	VHL	P4E0050
Vinyl acetate	BRL	ug/L	40	2.0	20	8260B	5/2/14 15:14	VHL	P4E0050
Vinyl chloride	**45**	**ug/L**	**10**	**3.1**	**20**	**8260B**	**5/2/14 15:14**	**VHL**	**P4E0050**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*99 %*	*80-124*
Dibromofluoromethane	*108 %*	*75-129*
Toluene-d8	*108 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: TB-1
Prism Sample ID: 4040531-07
Prism Work Order: 4040531
Time Collected: 04/28/14 00:00
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/30/14 21:13	VHL	P4D0629
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/30/14 21:13	VHL	P4D0629
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/30/14 21:13	VHL	P4D0629
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/30/14 21:13	VHL	P4D0629
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/30/14 21:13	VHL	P4D0629
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/30/14 21:13	VHL	P4D0629
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/30/14 21:13	VHL	P4D0629
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 21:13	VHL	P4D0629
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	4/30/14 21:13	VHL	P4D0629
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	4/30/14 21:13	VHL	P4D0629
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	4/30/14 21:13	VHL	P4D0629
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/30/14 21:13	VHL	P4D0629
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	4/30/14 21:13	VHL	P4D0629
2-Chloroethyl Vinyl Ether	BRL	ug/L	5.0	0.22	1	8260B	4/30/14 21:13	VHL	P4D0629
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	4/30/14 21:13	VHL	P4D0629
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	4/30/14 21:13	VHL	P4D0629
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	4/30/14 21:13	VHL	P4D0629
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/30/14 21:13	VHL	P4D0629
Acrolein	BRL	ug/L	20	1.1	1	8260B	4/30/14 21:13	VHL	P4D0629
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/30/14 21:13	VHL	P4D0629
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/30/14 21:13	VHL	P4D0629
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	4/30/14 21:13	VHL	P4D0629
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 21:13	VHL	P4D0629
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/30/14 21:13	VHL	P4D0629
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/30/14 21:13	VHL	P4D0629
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/30/14 21:13	VHL	P4D0629
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/30/14 21:13	VHL	P4D0629
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/30/14 21:13	VHL	P4D0629
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/30/14 21:13	VHL	P4D0629
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 21:13	VHL	P4D0629
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/30/14 21:13	VHL	P4D0629
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/30/14 21:13	VHL	P4D0629
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/30/14 21:13	VHL	P4D0629
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/30/14 21:13	VHL	P4D0629

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Sample Matrix: Water

Client Sample ID: TB-1
Prism Sample ID: 4040531-07
Prism Work Order: 4040531
Time Collected: 04/28/14 00:00
Time Submitted: 04/29/14 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/30/14 21:13	VHL	P4D0629
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/30/14 21:13	VHL	P4D0629
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	4/30/14 21:13	VHL	P4D0629
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/30/14 21:13	VHL	P4D0629
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	4/30/14 21:13	VHL	P4D0629
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	4/30/14 21:13	VHL	P4D0629
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	4/30/14 21:13	VHL	P4D0629
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/30/14 21:13	VHL	P4D0629
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	4/30/14 21:13	VHL	P4D0629
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/30/14 21:13	VHL	P4D0629
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/30/14 21:13	VHL	P4D0629
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/30/14 21:13	VHL	P4D0629
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	4/30/14 21:13	VHL	P4D0629
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	4/30/14 21:13	VHL	P4D0629
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	4/30/14 21:13	VHL	P4D0629
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	4/30/14 21:13	VHL	P4D0629
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/30/14 21:13	VHL	P4D0629
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	4/30/14 21:13	VHL	P4D0629
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/30/14 21:13	VHL	P4D0629
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	4/30/14 21:13	VHL	P4D0629
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/30/14 21:13	VHL	P4D0629
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/30/14 21:13	VHL	P4D0629
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/30/14 21:13	VHL	P4D0629
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/30/14 21:13	VHL	P4D0629
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/30/14 21:13	VHL	P4D0629
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/30/14 21:13	VHL	P4D0629
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/30/14 21:13	VHL	P4D0629
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/30/14 21:13	VHL	P4D0629

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*100 %*	*80-124*
Dibromofluoromethane	*110 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0629 - 5030B										
Blank (P4D0629-BLK1)				Prepared & Analyzed: 04/30/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	5.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0629 - 5030B										
Blank (P4D0629-BLK1)				Prepared & Analyzed: 04/30/14						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*25.3*		*ug/L*	*25.00*		*101*	*80-124*			
Surrogate: Dibromofluoromethane	*26.6*		*ug/L*	*25.00*		*106*	*75-129*			
Surrogate: Toluene-d8	*24.1*		*ug/L*	*25.00*		*97*	*77-123*			

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0629 - 5030B										
LCS (P4D0629-BS1)				Prepared & Analyzed: 04/30/14						
1,1-Dichloroethylene	23.5	0.50	ug/L	20.00		118	70-154			
Benzene	24.0	0.50	ug/L	20.00		120	77-128			
Chlorobenzene	22.1	0.50	ug/L	20.00		110	78-119			
Toluene	23.0	0.50	ug/L	20.00		115	76-131			
Trichloroethylene	23.9	0.50	ug/L	20.00		120	77-133			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/L*	*25.00*		*97*	*80-124*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.2*		*ug/L*	*25.00*		*97*	*77-123*			
LCS Dup (P4D0629-BSD1)				Prepared & Analyzed: 04/30/14						
1,1-Dichloroethylene	23.7	0.50	ug/L	20.00		119	70-154	0.8	20	
Benzene	24.9	0.50	ug/L	20.00		124	77-128	4	20	
Chlorobenzene	22.3	0.50	ug/L	20.00		112	78-119	1	20	
Toluene	23.8	0.50	ug/L	20.00		119	76-131	4	20	
Trichloroethylene	24.7	0.50	ug/L	20.00		124	77-133	3	20	
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/L*	*25.00*		*99*	*80-124*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*77-123*			
Batch P4E0009 - 5030B										
Blank (P4E0009-BLK1)				Prepared & Analyzed: 04/30/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	5.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0009 - 5030B										
Blank (P4E0009-BLK1)				Prepared & Analyzed: 04/30/14						
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50.00*		*98*	*80-124*			

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1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0009 - 5030B										
Blank (P4E0009-BLK1)				Prepared & Analyzed: 04/30/14						
Surrogate: Dibromofluoromethane	*49.8*		*ug/L*	*50.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*49.5*		*ug/L*	*50.00*		*99*	*77-123*			
LCS (P4E0009-BS1)				Prepared & Analyzed: 04/30/14						
1,1-Dichloroethylene	20.8	0.50	ug/L	20.00		104	70-154			
Benzene	21.6	0.50	ug/L	20.00		108	77-128			
Chlorobenzene	21.3	0.50	ug/L	20.00		106	78-119			
Toluene	21.2	0.50	ug/L	20.00		106	76-131			
Trichloroethylene	21.6	0.50	ug/L	20.00		108	77-133			
Surrogate: 4-Bromofluorobenzene	*50.0*		*ug/L*	*50.00*		*100*	*80-124*			
Surrogate: Dibromofluoromethane	*50.0*		*ug/L*	*50.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*49.9*		*ug/L*	*50.00*		*100*	*77-123*			
LCS Dup (P4E0009-BSD1)				Prepared & Analyzed: 04/30/14						
1,1-Dichloroethylene	20.4	0.50	ug/L	20.00		102	70-154	2	20	
Benzene	21.3	0.50	ug/L	20.00		107	77-128	1	20	
Chlorobenzene	21.0	0.50	ug/L	20.00		105	78-119	1	20	
Toluene	20.9	0.50	ug/L	20.00		105	76-131	1	20	
Trichloroethylene	21.9	0.50	ug/L	20.00		109	77-133	1	20	
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*48.0*		*ug/L*	*50.00*		*96*	*75-129*			
Surrogate: Toluene-d8	*48.3*		*ug/L*	*50.00*		*97*	*77-123*			
Batch P4E0050 - 5030B										
Blank (P4E0050-BLK1)				Prepared & Analyzed: 05/02/14						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	5.0	ug/L							

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0050 - 5030B										
Blank (P4E0050-BLK1)				Prepared & Analyzed: 05/02/14						
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							

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Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0050 - 5030B										
Blank (P4E0050-BLK1)				Prepared & Analyzed: 05/02/14						
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*50.6*		*ug/L*	*50.00*		*101*	*80-124*			
Surrogate: Dibromofluoromethane	*54.2*		*ug/L*	*50.00*		*108*	*75-129*			
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50.00*		*109*	*77-123*			
LCS (P4E0050-BS1)				Prepared & Analyzed: 05/02/14						
1,1-Dichloroethylene	23.2	0.50	ug/L	20.00		116	70-154			
Benzene	23.6	0.50	ug/L	20.00		118	77-128			
Chlorobenzene	21.8	0.50	ug/L	20.00		109	78-119			
Toluene	22.1	0.50	ug/L	20.00		110	76-131			
Trichloroethylene	23.5	0.50	ug/L	20.00		117	77-133			
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/L*	*50.00*		*97*	*80-124*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*75-129*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*77-123*			
LCS Dup (P4E0050-BSD1)				Prepared & Analyzed: 05/02/14						
1,1-Dichloroethylene	24.1	0.50	ug/L	20.00		121	70-154	4	20	
Benzene	24.2	0.50	ug/L	20.00		121	77-128	3	20	
Chlorobenzene	22.5	0.50	ug/L	20.00		112	78-119	3	20	
Toluene	22.7	0.50	ug/L	20.00		114	76-131	3	20	
Trichloroethylene	24.0	0.50	ug/L	20.00		120	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*49.0*		*ug/L*	*50.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*52.2*		*ug/L*	*50.00*		*104*	*75-129*			
Surrogate: Toluene-d8	*53.0*		*ug/L*	*50.00*		*106*	*77-123*			
Matrix Spike (P4E0050-MS1)	**Source: 4040531-05**			Prepared & Analyzed: 05/02/14						
1,1-Dichloroethylene	237	5.0	ug/L	200.0	13.7	112	65-162			
Benzene	235	5.0	ug/L	200.0	0.980	117	73-131			
Chlorobenzene	216	5.0	ug/L	200.0	BRL	108	76-119			
Toluene	217	5.0	ug/L	200.0	BRL	109	72-135			
Trichloroethylene	231	5.0	ug/L	200.0	0.750	115	72-133			
Surrogate: 4-Bromofluorobenzene	*496*		*ug/L*	*500.0*		*99*	*80-124*			
Surrogate: Dibromofluoromethane	*527*		*ug/L*	*500.0*		*105*	*75-129*			
Surrogate: Toluene-d8	*541*		*ug/L*	*500.0*		*108*	*77-123*			

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Project: Eaton Selma

Prism Work Order: 4040531
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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0050 - 5030B										
Matrix Spike Dup (P4E0050-MSD1)		**Source: 4040531-05**		Prepared & Analyzed: 05/02/14						
1,1-Dichloroethylene	215	5.0	ug/L	200.0	13.7	100	65-162	10	20	
Benzene	214	5.0	ug/L	200.0	0.980	106	73-131	9	17	
Chlorobenzene	198	5.0	ug/L	200.0	BRL	99	76-119	9	20	
Toluene	199	5.0	ug/L	200.0	BRL	99	72-135	9	18	
Trichloroethylene	210	5.0	ug/L	200.0	0.750	105	72-133	9	17	
Surrogate: 4-Bromofluorobenzene	*500*		*ug/L*	*500.0*		*100*	*80-124*			
Surrogate: Dibromofluoromethane	*525*		*ug/L*	*500.0*		*105*	*75-129*			
Surrogate: Toluene-d8	*538*		*ug/L*	*500.0*		*108*	*77-123*			

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Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4D0609 - 3010A										
Blank (P4D0609-BLK1)				Prepared & Analyzed: 04/30/14						
Iron	BRL	0.10	mg/L							
Magnesium	BRL	0.10	mg/L							
LCS (P4D0609-BS1)				Prepared & Analyzed: 04/30/14						
Iron	5.13	0.10	mg/L	5.000		103	80-120			
Magnesium	5.07	0.10	mg/L	5.000		101	80-120			

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Prism Work Order: 4040531
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Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0022 - NO PREP										
Blank (P4E0022-BLK1)				Prepared & Analyzed: 04/29/14						
Nitrate as N	BRL	0.10	mg/L							
Sulfate	BRL	1.0	mg/L							
LCS (P4E0022-BS1)				Prepared & Analyzed: 04/29/14						
Nitrate as N	4.25	0.10	mg/L	4.000		106	80-120			
Sulfate	41.8	1.0	mg/L	40.20		104	80-120			
Batch P4E0025 - NO PREP										
Blank (P4E0025-BLK1)				Prepared & Analyzed: 04/30/14						
Nitrate as N	BRL	0.10	mg/L							Aa
LCS (P4E0025-BS1)				Prepared & Analyzed: 04/30/14						
Nitrate as N	4.17	0.10	mg/L	4.000		104	80-120			Aa
Matrix Spike (P4E0025-MS1)		**Source: 4040531-04**		Prepared & Analyzed: 04/30/14						
Nitrate as N	68.0	1.0	mg/L	40.00	23.7	111	80-120			Aa
Matrix Spike Dup (P4E0025-MSD1)		**Source: 4040531-04**		Prepared & Analyzed: 04/30/14						
Nitrate as N	70.0	1.0	mg/L	40.00	23.7	116	80-120	3	15	Aa
Batch P4E0056 - NO PREP										
Blank (P4E0056-BLK1)				Prepared & Analyzed: 05/02/14						
Sulfate	BRL	1.0	mg/L							

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0056 - NO PREP										
LCS (P4E0056-BS1)				Prepared & Analyzed: 05/02/14						
Sulfate	41.1	1.0	mg/L	40.20		102	80-120			
Batch P4E0226 - NO PREP										
Blank (P4E0226-BLK1)				Prepared & Analyzed: 05/12/14						
Sulfate	BRL	1.0	mg/L							
LCS (P4E0226-BS1)				Prepared & Analyzed: 05/12/14						
Sulfate	39.2	1.0	mg/L	40.20		97	80-120			

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0054 - NO PREP										
Blank (P4E0054-BLK1)				Prepared & Analyzed: 04/30/14						
Ferrous Iron	BRL	0.20	mg/L							
LCS (P4E0054-BS1)				Prepared & Analyzed: 04/30/14						
Ferrous Iron	1.95	0.20	mg/L	2.000		98	90-110			
Matrix Spike (P4E0054-MS1)		**Source: 4040531-05**		Prepared & Analyzed: 04/30/14						
Ferrous Iron	1.92	0.20	mg/L	2.000	0.0500	93	80-120			
Matrix Spike Dup (P4E0054-MSD1)		**Source: 4040531-05**		Prepared & Analyzed: 04/30/14						
Ferrous Iron	1.91	0.20	mg/L	2.000	0.0500	93	80-120	0.5	20	
Batch P4E0074 - SM4500-S C										
Blank (P4E0074-BLK1)				Prepared & Analyzed: 05/05/14						
Sulfide	BRL	2.0	mg/L							
LCS (P4E0074-BS1)				Prepared & Analyzed: 05/05/14						
Sulfide	9.50	2.0	mg/L	10.00		95	70-130			
Batch P4E0151 - NO PREP										
Blank (P4E0151-BLK1)				Prepared & Analyzed: 05/08/14						
Total Alkalinity	BRL	5.0	mg/L							
LCS (P4E0151-BS1)				Prepared & Analyzed: 05/08/14						
Total Alkalinity	255	5.0	mg/L	250.0		102	90-110			

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Solutions-IES, Inc.
Attn: Jody Overmyer
1101 Nowell Road
Raleigh, NC 27607

Project: Eaton Selma

Prism Work Order: 4040531
Time Submitted: 4/29/2014 4:45:00PM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0151 - NO PREP										
LCS Dup (P4E0151-BSD1)				Prepared & Analyzed: 05/08/14						
Total Alkalinity	260	5.0	mg/L	250.0		104	90-110	2	200	
Duplicate (P4E0151-DUP1)		**Source: 4040531-01**		Prepared & Analyzed: 05/08/14						
Total Alkalinity	453	5.0	mg/L		449			0.8	20	

Sample Extraction Data

Prep Method: SM4500-S C

Lab Number	Batch	Initial	Final	Date/Time
4040531-01	P4E0074	200 mL	200 mL	05/05/14 11:30
4040531-02	P4E0074	200 mL	200 mL	05/05/14 11:30
4040531-03	P4E0074	200 mL	200 mL	05/05/14 11:30
4040531-04	P4E0074	200 mL	200 mL	05/05/14 11:30
4040531-05	P4E0074	200 mL	200 mL	05/05/14 11:30

Prep Method: 3010A

Lab Number	Batch	Initial	Final	Date/Time
4040531-01	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-01	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-02	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-02	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-03	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-03	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-04	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-04	P4D0609	50 mL	50 mL	04/30/14 8:55
4040531-05	P4D0609	50 mL	50 mL	04/30/14 8:55

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
4040531-01	P4E0009	10 mL	10 mL	04/30/14 9:41
4040531-02	P4E0009	10 mL	10 mL	04/30/14 9:41
4040531-02	P4E0009	10 mL	10 mL	04/30/14 9:41
4040531-03	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-03	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-04	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-04	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-05	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-05	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-06	P4E0050	10 mL	10 mL	05/02/14 9:29
4040531-07	P4D0629	10 mL	10 mL	04/30/14 9:20

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Subcontracted Analyses

The following analyses were subcontracted to Gulf Coast Analytical Labs, Inc.

Lab Number	Analysis
4040531-01	RSK175 (Sub)
4040531-01	TOC (Sub)
4040531-02	RSK175 (Sub)
4040531-02	TOC (Sub)
4040531-03	RSK175 (Sub)
4040531-03	TOC (Sub)
4040531-04	RSK175 (Sub)
4040531-04	TOC (Sub)
4040531-05	RSK175 (Sub)
4040531-05	TOC (Sub)

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449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: Solutions-IES
Report To/Contact Name: Judy Overmyer
Reporting Address: 1101 Nowell Rd Raleigh NC 27607
Phone: 919-873-1000 Fax (Yes) (No): _____
Email Address: overmyerj@solutions-ies.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Eaton Selma
Site Location Physical Address: Selma, NC

Project Name: 2013.0014/4
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Emily Davis
Address: _____

Purchase Order No./Billing Reference_____
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ❑ Standard 10 days ❑ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?			
Received ON WET ICE?			
PROPER PRESERVATIVES indicated?			
Received WITHIN HOLDING TIMES?			
CUSTODY SEALS INTACT?			
VOLATILES rec'd W/OUT HEADSPACE?			
PROPER CONTAINERS used?			

TEMP: Therm ID: DRT-10 Observed: 2.0 °C / Corr: 1.9 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ FL_____ NC_____ SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES___ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs 8260	Nitrate Sulfate 300.0A	Fe+2 SM3500-Fe D	Fe total 6010	Methane RSK175	TOC SM5310B	Alkalinity SM2320B	Sulfide SM4500 S2-	REMARKS	PRISM LAB ID NO.
MW-2	4/28/14	1250	W		14			X	X	X	X	X	X	X	X		01
MW-4	↓	1250	↓		↓			↓	↓	↓	↓	↓	↓	↓	↓		02
MW-16		1405															03
MW-18		1430															04
MW-19		1520															05
Dup-1	4/28/14	—	W		↓			X	X	↓	↓	↓	↓	↓	↓		06
TB-1	—	—	DI		2			X									07

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: [signature] Sampled By (Print Name): Clay Fussell Affiliation: SIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	4/28/14	1645
[signature]	[signature]	4-29-14	16:45
[signature]	Received For Prism Laboratories By: [signature]	4-29-14	16:45

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Prism Field Service ❑ Other_____

COC Group No. 4040531

Additional Comments: JP Low run analysis

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

DES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
C ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
	❑	❑	❑	❑	❑	❑	❑	❑

CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Prism Laboratories, Inc.
PO BOX 240543
Charlotte, NC 28224

ATTENTION
Angie Overcash

PROJECT ID
4040531

LABORATORY REPORT NUMBER
214050112

DATE
05/08/2014

Primary Data Review By

Authorized Signature

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 Innovation Park Dr., Baton Rouge, LA 70820.**
- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**
- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GCAL, LLC
7979 Innovation Park Dr.
Baton Rouge, LA 70820

Report Date 05/08/2014

GCAL Report 214050112

Deliver To	Prism Laboratories, Inc. PO BOX 240543 Charlotte, NC 28224 706-529-6364
Attn	Angie Overcash

Project 4040531

CASE NARRATIVE

Client: Access Analytical **Report:** 214050112

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 GAS CHROMATOGRAPHY

In the EPA RSK-175 analysis, sample 21405011201 (MW-2) had to be diluted to bracket the concentration of target analyte(s) within the calibration range of the instrument. The recoveries for the surrogates are not applicable for those analyses at a 10 or higher dilution.

CONVENTIONALS

In the SM 5310 B-2011 analysis, samples 21405011201 (MW-2) and 21405011203 (MW-16) had to be diluted in order to bracket the Total Carbon and/or Total Inorganic Carbon concentrations within the calibration range of the instrument. The Total Organic Carbon is based on the difference between the Total Carbon and the Inorganic Carbon. The dilution is reflected in the elevated reporting limit.

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.

Karen Melanie/Mrs Ram Del

Authorized Signature
GCAL REPORT 214050112

THIS REPORT CONTAINS 17 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011201	MW-2	Water	04/28/2014 12:50	05/01/2014 10:00
21405011202	MW-4	Water	04/28/2014 12:50	05/01/2014 10:00
21405011203	MW-16	Water	04/28/2014 14:05	05/01/2014 10:00
21405011204	MW-18	Water	04/28/2014 14:30	05/01/2014 10:00
21405011205	MW-19	Water	04/28/2014 15:20	05/01/2014 10:00

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011201	MW-2	Water	04/28/2014 12:50	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	731	10.0	3.0	mg/L

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	2.27	1.00	0.087	ug/L
74-85-1	Ethene	0.795J	1.00	0.071	ug/L

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	1110	100	21.8	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011202	MW-4	Water	04/28/2014 12:50	05/01/2014 10:00

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	7.08	2.00	0.435	ug/L

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	47.4	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011203	MW-16	Water	04/28/2014 14:05	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	289	5.0	1.5	mg/L

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.212J	1.00	0.087	ug/L
74-85-1	Ethene	0.493J	1.00	0.071	ug/L
74-82-8	Methane	12.4	2.00	0.435	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011204	MW-18	Water	04/28/2014 14:30	05/01/2014 10:00

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	40.3	1.0	0.30	mg/L

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.168J	1.00	0.087	ug/L
74-85-1	Ethene	0.431J	1.00	0.071	ug/L
74-82-8	Methane	6.59	2.00	0.435	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011205	MW-19	Water	04/28/2014 15:20	05/01/2014 10:00

EPA RSK-175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	2.60	2.00	0.435	ug/L

SM 5310 B-2011

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	11.0	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011201	MW-2	Water	04/28/2014 12:50	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2014 14:42	JAR	531796

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	2.27	1.00	0.087	ug/L
74-85-1	Ethene	0.795J	1.00	0.071	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	39.1	ug/L	97	40 - 143

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	05/07/2014 14:56	JAR	531796

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	1110	100	21.8	ug/L

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	05/03/2014 03:30	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	731	10.0	3.0	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011202	**MW-4**	Water	04/28/2014 12:50	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2014 15:04	JAR	531796

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	**Methane**	**7.08**	**2.00**	**0.435**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	37.1	ug/L	92	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/02/2014 14:01	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**47.4**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011203	MW-16	Water	04/28/2014 14:05	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2014 15:10	JAR	531796

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.212J	1.00	0.087	ug/L
74-85-1	Ethene	0.493J	1.00	0.071	ug/L
74-82-8	Methane	12.4	2.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	36.6	ug/L	90	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/03/2014 03:48	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	289	5.0	1.5	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011204	MW-18	Water	04/28/2014 14:30	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2014 15:24	JAR	531796

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.168J	1.00	0.087	ug/L
74-85-1	Ethene	0.431J	1.00	0.071	ug/L
74-82-8	Methane	6.59	2.00	0.435	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	37.8	ug/L	93	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/02/2014 14:49	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	40.3	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21405011205	**MW-19**	Water	04/28/2014 15:20	05/01/2014 10:00

EPA RSK-175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2014 15:58	JAR	531796

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.087U	1.00	0.087	ug/L
74-85-1	Ethene	0.071U	1.00	0.071	ug/L
74-82-8	**Methane**	**2.60**	**2.00**	**0.435**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	30.6	ug/L	76	40 - 143

SM 5310 B-2011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/02/2014 15:07	AEL	531523

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**11.0**	**1.0**	**0.30**	**mg/L**

General Chromatography Quality Control Summary

Analytical Batch 531796		**Client ID**	MB531796			LCS531796			LCSD531796		
Prep Batch N/A		**GCAL ID**	1312894			1312895			1313454		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	05/07/2014 10:50			05/07/2014 11:02			05/07/2014 11:09		
		Matrix	Water			Water			Water		
EPA RSK-175		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
74-82-8	Methane	0.435U	0.435		17.5	17.3	99	39 - 120	16.6	95	4	27
74-85-1	Ethene	0.071U	0.071		3.06	3.43	112	45 - 134	3.25	106	5	25
74-84-0	Ethane	0.087U	0.087		3.28	3.35	102	45 - 128	3.25	99	3	29
Surrogate												
115-07-1	Propene	29.2	72		40.5	27	67	40 - 143	25.9	64		

General Chemistry Quality Control Summary

Analytical Batch 531523	Client ID	MB531523			LCS531523		
Prep Batch N/A	GCAL ID	1311780			1311781		
	Sample Type	Method Blank			LCS		
	Analytical Date	05/02/2014 11:15			05/02/2014 10:37		
	Matrix	Water			Water		
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
C-012	Total Organic Carbon	0.30U	0.30	50.0	54.9	110	80 - 120

Analytical Batch 531523	Client ID	U31EPAC			1311774MS			1311774MSD			
Prep Batch N/A	GCAL ID	21405020402			1311782			1311783			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	05/02/2014 11:39			05/02/2014 12:07			05/02/2014 12:23			
	Matrix	Water			Water			Water			
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-012	Total Organic Carbon	12.9	0.30	50.0	65.3	105	75 - 125	66.0	106	1	25

Analytical Batch 531523	Client ID	MW-20			1311450MS			1311450MSD			
Prep Batch N/A	GCAL ID	21405011504			1311784			1311785			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	05/02/2014 18:24			05/02/2014 18:45			05/02/2014 19:05			
	Matrix	Water			Water			Water			
SM 5310 B-2011		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-012	Total Organic Carbon	30.4	1.5	250	311	112	75 - 125	306	110	2	25

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

SUBCONTRACT ORDER

Prism Laboratories, Inc.

4040531

Certification: NELAC___ USACE____
NC___ SC___ Other _____
N/A_____

SENDING LABORATORY:

Prism Laboratories, Inc.
P. O. Box 240543
Charlotte, NC 28224-0543
Phone: 800-529-6364
Fax: 704-525-0409
Project Manager: Angela D. Overcash

RECEIVING LABORATORY:

Gulf Coast Analytical Labs, Inc.
7979 GSRI Avenue
Baton Rouge, LA 70820
Phone :(225) 769-4900
Fax: (225) 767-5717

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 4040531-01	**Water**	**Sampled:04/28/14 12:50**	MW-2	1
TOC (Sub)		05/26/14 12:50		
RSK175 (Sub)		05/12/14 12:50		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4040531-02	**Water**	**Sampled:04/28/14 12:50**	MW-4	2
TOC (Sub)		05/26/14 12:50		
RSK175 (Sub)		05/12/14 12:50		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4040531-03	**Water**	**Sampled:04/28/14 14:05**	MW-16	3
TOC (Sub)		05/26/14 14:05		
RSK175 (Sub)		05/12/14 14:05		Methane, Ethane, Ethene
Containers Supplied:				
Sample ID: 4040531-04	**Water**	**Sampled:04/28/14 14:30**	MW-18	4
TOC (Sub)		05/26/14 14:30		
RSK175 (Sub)		05/12/14 14:30		Methane, Ethane, Ethene
Containers Supplied:				7987-1033-1900 2, 8, 1, 9, 2, 4 E24

Released By	4-30-14 Date	FEDEX Received By	4-30-14 Date
FEDEX Released By	5-1-14 10:00 Date	Baron Brown Received By	5/1/14 10:00 Date
Released By	Date		
Released By	Date		

Client ID: 4565 - Access Analytical
SDG: 214050112
Due Date: 05/08/14

SUBCONTRACT ORDER

Prism Laboratories, Inc.

4040531

Certification: NELAC___ USACE____
NC___ SC___ Other _____
N/A_____

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 4040531-05	**Water**	**Sampled:04/28/14 15:20**	MW-19	
TOC (Sub)		05/26/14 15:20		
RSK175 (Sub)		05/12/14 15:20		Methane, Ethane, Ethene

Containers Supplied:

Client ID: 4565 - Access Analytical
SDG: 214050112
Due Date: 05/08/14

2.8, 1.9, 2.4 E24

Released By	Date	Received By	Date
	4-30-14	FEDEX	4-30-14
FEDEX	5-1-14 10:00	Darren Brown	5/1/14 10:00

Page 2 of 2

GCAL ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIVING CHECKLIST

214050112

SAMPLE DELIVERY GROUP 214050112	
Client 4565 - Access Analytical	**Transport Method** FEDEX
Profile Number 80251	**Received By** Brown, Aaron D.
Line Item(s) 1 - Water BTEX/Naph/MTBE	**Receive Date(s)** 05/01/14

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

Thermometer ID: E24

Airbill	Temp(°C)
7987 1033 1900	2.8
	1.9
	2.4

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

10515 Research Drive
Knoxville, TN 37932
Phone: (865) 573-8188
Fax: (865) 573-8133

Client: Jody Overmyer
Solutions IES
1101 Nowell Road
Raleigh, NC 27607

Phone: 919.873.1060

Fax: 919.873.1074

Identifier: 087LD **Date Rec:** 04/29/2014 **Report Date:** 05/01/2014

Client Project #: 2013.0014/4 **Client Project Name:** Eaton Selma

Purchase Order #:

Analysis Requested: CENSUS

Reviewed By:

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MICROBIAL INSIGHTS, INC.

10515 Research Dr., Knoxville, TN 37932
Tel. (865) 573-8188 Fax. (865) 573-8133

CENSUS

Client: **Solutions IES**
Project: Eaton Selma

MI Project Number: **087LD**
Date Received: 04/29/2014

Sample Information

Client Sample ID:	**MW-2**	**MW-4**	**MW-16**	**MW-18**
Sample Date:	04/28/2014	04/28/2014	04/28/2014	04/28/2014
Units:	cells/mL	cells/mL	cells/mL	cells/mL
Analyst:	RW	RW	RW	RW

Dechlorinating Bacteria

Dehalococcoides	*DHC*	**2.00E-01 (J)**	<3.00E-01	**3.00E-01 (J)**	<5.00E-01
tceA Reductase	TCE	<3.00E-01	<3.00E-01	<3.00E-01	<5.00E-01
BAV1 Vinyl Chloride Reductase	BVC	<3.00E-01	<3.00E-01	<3.00E-01	<5.00E-01
Vinyl Chloride Reductase	VCR	<3.00E-01	<3.00E-01	<3.00E-01	<5.00E-01

Legend:
NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

Microseeps/Pace Analytical Energy Services, LLC
220 William Pitt Way
Pittsburgh, PA 15238
Phone: (412) 826-5245
Fax: (412) 826-3433

May 7, 2014

Jody Overmyer
Solutions IES
1101 Nowell Rd.
Raleigh, NC 27607

RE: **EATON SELMA / 2013.0014/4**
Microseeps Workorder: 12030

Dear Jody Overmyer:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, April 29, 2014. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Robbin Robl 05/07/2014
rrobl@microseeps.com

Customer Service Representative

Enclosures

As a valued client we would appreciate your comments on our service.
Please email info@microseeps.com.

Total Number of Pages 13

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LABORATORY ACCREDITATIONS & CERTIFICATIONS

Accreditor:	Pennsylvania Department of Environmental Protection, Bureau of Laboratories
Accreditation ID:	02-00538
Scope:	NELAP Non-Potable Water and Solid & Hazardous Waste
Accreditor:	NELAP: State of Florida, Department of Health, Bureau of Laboratories
Accreditation ID:	E87832
Scope:	Clean Water Act (CWA) Resource Conservation and Recovery Act (RCRA)
Accreditor:	South Carolina Department of Health and Environmental Control, Office of Environmental Laboratory Certification
Accreditation ID:	89009003
Scope:	Clean Water Act (CWA); Resource Conservation and Recovery Act (RCRA)
Accreditor:	NELAP: State of Louisiana, Department of Environmental Quality
Accreditation ID:	04104
Scope:	Solid and Chemical Materials; Non-Potable Water
Accreditor:	NELAP: New Jersey, Department of Environmental Protection
Accreditation ID:	PA026
Scope:	Non-Potable Water; Solid and Chemical Materials
Accreditor:	NELAP: New York, Department of Health Wadsworth Center
Accreditation ID:	11815
Scope:	Non-Potable Water; Solid and Hazardous Waste
Accreditor:	State of Connecticut, Department of Public Health, Division of Environmental Health
Accreditation ID:	PH-0263
Scope:	Clean Water Act (CWA) Resource Conservation and Recovery Act (RCRA)
Accreditor:	NELAP: Texas, Commission on Environmental Quality
Accreditation ID:	T104704453-09-TX
Scope:	Non-Potable Water
Accreditor:	State of New Hampshire
Accreditation ID:	299409
Scope:	Non-potable water
Accreditor:	State of Georgia
Accreditation ID:	Chapter 391-3-26
Scope:	As per the Georgia EPD Rules and Regulations for Commercial Laboratories, Microseeps is accredited by the Pennsylvania Department of Environmental Protection Bureau of Laboratories under the National Environmental Laboratory Approval Program (NELAC).

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SAMPLE SUMMARY

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID	Sample ID	Matrix	Date Collected	Date Received
120300001	MW-2	Water	4/28/2014 12:50	4/29/2014 11:00
120300002	MW-4	Water	4/28/2014 12:50	4/29/2014 11:00
120300003	MW-16	Water	4/28/2014 14:05	4/29/2014 11:00
120300004	MW-18	Water	4/28/2014 14:30	4/29/2014 11:00
120300005	MW-19	Water	4/28/2014 15:20	4/29/2014 11:00

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ANALYTICAL RESULTS

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID: **120300001** Date Received: 4/29/2014 11:00 Matrix: Water

Sample ID: **MW-2** Date Collected: 4/28/2014 12:50

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**3.1J**	mg/l	10	1.3	100			5/5/2014 21:06	KB	
Acetic Acid	**460**	mg/l	7.0	0.50	100			5/5/2014 21:06	KB	
Propionic Acid	**330**	mg/l	5.0	0.80	100			5/5/2014 21:06	KB	
Formic Acid	**15**	mg/l	10	0.40	100			5/5/2014 21:06	KB	
Butyric Acid	**37**	mg/l	5.0	1.1	100			5/5/2014 21:06	KB	
Pyruvic Acid	**56**	mg/l	15	1.4	100			5/5/2014 21:06	KB	
i-Pentanoic Acid	**15 U**	mg/l	15	0.90	100			5/5/2014 21:06	KB	
Pentanoic Acid	**33**	mg/l	7.0	1.1	100			5/5/2014 21:06	KB	
i-Hexanoic Acid	**10 U**	mg/l	10	2.9	100			5/5/2014 21:06	KB	
Hexanoic Acid	**50 U**	mg/l	50	22	100			5/5/2014 21:06	KB	

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ANALYTICAL RESULTS

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID: **120300002** Date Received: 4/29/2014 11:00 Matrix: Water

Sample ID: **MW-4** Date Collected: 4/28/2014 12:50

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**1.0 U**	mg/l	1.0	0.13	10			5/5/2014 23:24	KB	
Acetic Acid	**2.0**	mg/l	0.70	0.050	10			5/5/2014 23:24	KB	
Propionic Acid	**0.37J**	mg/l	0.50	0.080	10			5/5/2014 23:24	KB	
Formic Acid	**0.58J**	mg/l	1.0	0.040	10			5/5/2014 23:24	KB	
Butyric Acid	**0.50 U**	mg/l	0.50	0.11	10			5/5/2014 23:24	KB	
Pyruvic Acid	**1.5 U**	mg/l	1.5	0.14	10			5/5/2014 23:24	KB	
i-Pentanoic Acid	**1.5 U**	mg/l	1.5	0.090	10			5/5/2014 23:24	KB	
Pentanoic Acid	**0.70 U**	mg/l	0.70	0.11	10			5/5/2014 23:24	KB	
i-Hexanoic Acid	**1.0 U**	mg/l	1.0	0.29	10			5/5/2014 23:24	KB	
Hexanoic Acid	**5.0 U**	mg/l	5.0	2.2	10			5/5/2014 23:24	KB	

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ANALYTICAL RESULTS

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID: **120300003** Date Received: 4/29/2014 11:00 Matrix: Water

Sample ID: **MW-16** Date Collected: 4/28/2014 14:05

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**5.9J**	mg/l	10	1.3	100			5/6/2014 00:56	KB	
Acetic Acid	**230**	mg/l	7.0	0.50	100			5/6/2014 00:56	KB	
Propionic Acid	**190**	mg/l	5.0	0.80	100			5/6/2014 00:56	KB	
Formic Acid	**11**	mg/l	10	0.40	100			5/6/2014 00:56	KB	
Butyric Acid	**16**	mg/l	5.0	1.1	100			5/6/2014 00:56	KB	
Pyruvic Acid	**9.0**	mg/l	1.5	0.14	10			5/6/2014 00:10	KB	
i-Pentanoic Acid	**1.4J**	mg/l	1.5	0.090	10			5/6/2014 00:10	KB	
Pentanoic Acid	**7.0**	mg/l	0.70	0.11	10			5/6/2014 00:10	KB	
i-Hexanoic Acid	**1.0 U**	mg/l	1.0	0.29	10			5/6/2014 00:10	KB	
Hexanoic Acid	**5.0 U**	mg/l	5.0	2.2	10			5/6/2014 00:10	KB	

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ANALYTICAL RESULTS

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID: **120300004** Date Received: 4/29/2014 11:00 Matrix: Water

Sample ID: **MW-18** Date Collected: 4/28/2014 14:30

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**1.0 U**	mg/l	1.0	0.13	10			5/6/2014 03:15	KB	
Acetic Acid	**3.3**	mg/l	0.70	0.050	10			5/6/2014 03:15	KB	
Propionic Acid	**0.61**	mg/l	0.50	0.080	10			5/6/2014 03:15	KB	
Formic Acid	**0.76J**	mg/l	1.0	0.040	10			5/6/2014 03:15	KB	
Butyric Acid	**0.40J**	mg/l	0.50	0.11	10			5/6/2014 03:15	KB	
Pyruvic Acid	**0.57J**	mg/l	1.5	0.14	10			5/6/2014 03:15	KB	
i-Pentanoic Acid	**0.64J**	mg/l	1.5	0.090	10			5/6/2014 03:15	KB	
Pentanoic Acid	**0.70 U**	mg/l	0.70	0.11	10			5/6/2014 03:15	KB	
i-Hexanoic Acid	**1.0 U**	mg/l	1.0	0.29	10			5/6/2014 03:15	KB	
Hexanoic Acid	**5.0 U**	mg/l	5.0	2.2	10			5/6/2014 03:15	KB	

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ANALYTICAL RESULTS

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID: **120300005** Date Received: 4/29/2014 11:00 Matrix: Water

Sample ID: **MW-19** Date Collected: 4/28/2014 15:20

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
EDonors - MICR										
Analysis Desc: AM23G			Analytical Method: AM23G							
Lactic Acid	**0.093J**	mg/l	0.10	0.013	1			5/6/2014 04:01	KB	
Acetic Acid	**0.051J**	mg/l	0.070	0.0050	1			5/6/2014 04:01	KB	
Propionic Acid	**0.050 U**	mg/l	0.050	0.0080	1			5/6/2014 04:01	KB	
Formic Acid	**0.094J**	mg/l	0.10	0.0040	1			5/6/2014 04:01	KB	
Butyric Acid	**0.050 U**	mg/l	0.050	0.011	1			5/6/2014 04:01	KB	
Pyruvic Acid	**0.15 U**	mg/l	0.15	0.014	1			5/6/2014 04:01	KB	
i-Pentanoic Acid	**0.15 U**	mg/l	0.15	0.0090	1			5/6/2014 04:01	KB	
Pentanoic Acid	**0.070 U**	mg/l	0.070	0.011	1			5/6/2014 04:01	KB	
i-Hexanoic Acid	**0.10 U**	mg/l	0.10	0.029	1			5/6/2014 04:01	KB	
Hexanoic Acid	**0.50 U**	mg/l	0.50	0.22	1			5/6/2014 04:01	KB	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 12030 EATON SELMA / 2013.0014/4

DEFINITIONS/QUALIFIERS

Disclaimer : The Pennsylvania Department of Environmental Protection (PADEP) has decided to no longer recognize analyses that do not produce data for primary compliance, for NELAP accreditation. The methods affected by this decision are AM20GAx, AM21G, SW846 7199 and AM4.02. The laboratory shall continue to administer the NELAP/TNI standard requirements in the performance of these methods.

MDL	Method Detection Limit. Can be used synonymously with LOD; Limit Of Detection.
PQL	Practical Quanitation Limit. Can be used synonymously with LOQ; Limit Of Quantitation.
ND	Not detected at or above reporting limit.
DF	Dilution Factor.
S	Surrogate.
RPD	Relative Percent Difference.
% Rec	Percent Recovery.
U	Indicates the compound was analyzed for, but not detected at or above the noted concentration.
J	Estimated concentration greater than the set method detection limit (MDL) and less than the set reporting limit (PQL).

CERTIFICATE OF ANALYSIS

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Microseeps/Pace Analytical Energy Services, LLC
220 William Pitt Way
Pittsburgh, PA 15238
Phone: (412) 826-5245
Fax: (412) 826-3433

QUALITY CONTROL DATA

Workorder: 12030 EATON SELMA / 2013.0014/4

QC Batch: EDON/2109 Analysis Method: AM23G

QC Batch Method: AM23G

Associated Lab Samples: 120300001, 120300002, 120300003, 120300004, 120300005

METHOD BLANK: 27550

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
EDonors				
Lactic Acid	mg/l	0.026J	0.10	
Acetic Acid	mg/l	0.070 U	0.070	
Propionic Acid	mg/l	0.050 U	0.050	
Formic Acid	mg/l	0.061J	0.10	
Butyric Acid	mg/l	0.050 U	0.050	
Pyruvic Acid	mg/l	0.15 U	0.15	
i-Pentanoic Acid	mg/l	0.15 U	0.15	
Pentanoic Acid	mg/l	0.070 U	0.070	
i-Hexanoic Acid	mg/l	0.10 U	0.10	
Hexanoic Acid	mg/l	0.50 U	0.50	

LABORATORY CONTROL SAMPLE: 27551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
EDonors						
Lactic Acid	mg/l	2	1.9	95	70-130	
Acetic Acid	mg/l	2	2.0	99	70-130	
Propionic Acid	mg/l	2	1.9	95	70-130	
Formic Acid	mg/l	2	1.8	91	70-130	
Butyric Acid	mg/l	2	2.0	102	70-130	
Pyruvic Acid	mg/l	2	1.9	96	70-130	
i-Pentanoic Acid	mg/l	2	1.9	95	70-130	
Pentanoic Acid	mg/l	2	1.8	90	70-130	
i-Hexanoic Acid	mg/l	2	2.2	109	70-130	
Hexanoic Acid	mg/l	2	1.8	90	70-130	

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 12030 EATON SELMA / 2013.0014/4

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
120300001	MW-2			AM23G	EDON/2109
120300002	MW-4			AM23G	EDON/2109
120300003	MW-16			AM23G	EDON/2109
120300004	MW-18			AM23G	EDON/2109
120300005	MW-19			AM23G	EDON/2109

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

12030

Page: 1 of 1

000487

Section A Required Client Information:

Company:	Solutions-IES
Address:	1101 Nowell Rd Raleigh NC 27607
Email To:	overmyerj@solutions-ies.com
Phone:	919-873-1060
Fax:	
Requested Due Date/TAT:	Std

Section B Required Project Information:

Report To:	Jody Overmyer
Copy To:	
Purchase Order No.:	
Project Name:	Eaton Selma
Project Number:	2013.0014/4

Section C Invoice Information:

Attention:	Emily Davis
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	TSP	BAK	Zink Acetate & NaOH	Other	Analysis Test (Y/N): VFAs AM23G	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT		4/28/14	1250				2						2			X		
2	MW-4	↓		↓	1250				↓						↓			↓		
3	MW-16	↓		↓	1405				↓						↓			↓		
4	MW-18	↓		↓	1430				↓						↓			↓		
5	MW-19	↓		↓	1520				↓						↓			↓		
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / IES			[signature] PACES	4.29.14	1100	1	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Cooler Receipt Form

Client Name: Solutions IES **Project:** Eaton Selma/ 2013.0014/4 **Lab Work Order:** 12030

A. Shipping/Container Information (circle appropriate response)

Courier: (FedEx) UPS USPS Client Other:_____ **Air bill Present:** (Yes) No

Tracking Number: 8043 5057 4966

Custody Seal on Cooler/Box Present: (Yes) No **Seals Intact:** (Yes) No

Cooler/Box Packing Material: (Bubble Wrap) Absorbent Foam Other:_____

Type of Ice: (Wet) Blue None **Ice Intact:** (Yes) Melted

Cooler Temperature: 1°C **Radiation Screened:** Yes (No) **Chain of Custody Present:** (Yes) No

Comments:_____

B. Laboratory Assignment/Log-in (check appropriate response)

	YES	NO	N/A	Comment Reference non-Conformance
Chain of Custody properly filled out	✓			
Chain of Custody relinquished	✓			
Sampler Name & Signature on COC		✓		
Containers intact	✓			
Were samples in separate bags	✓			
Sample container labels match COC Sample name/date and time collected	✓			
Sufficient volume provided	✓			
Microseeps containers used	✓			
Are containers properly preserved for the requested testing? (as labeled)	✓			
If an unknown preservation state, were containers checked? Exception: VOA's coliform			✓	If yes, see pH form.
Was volume for dissolved testing field filtered, as noted on the COC? Was volume received in a preserved container?			✓	

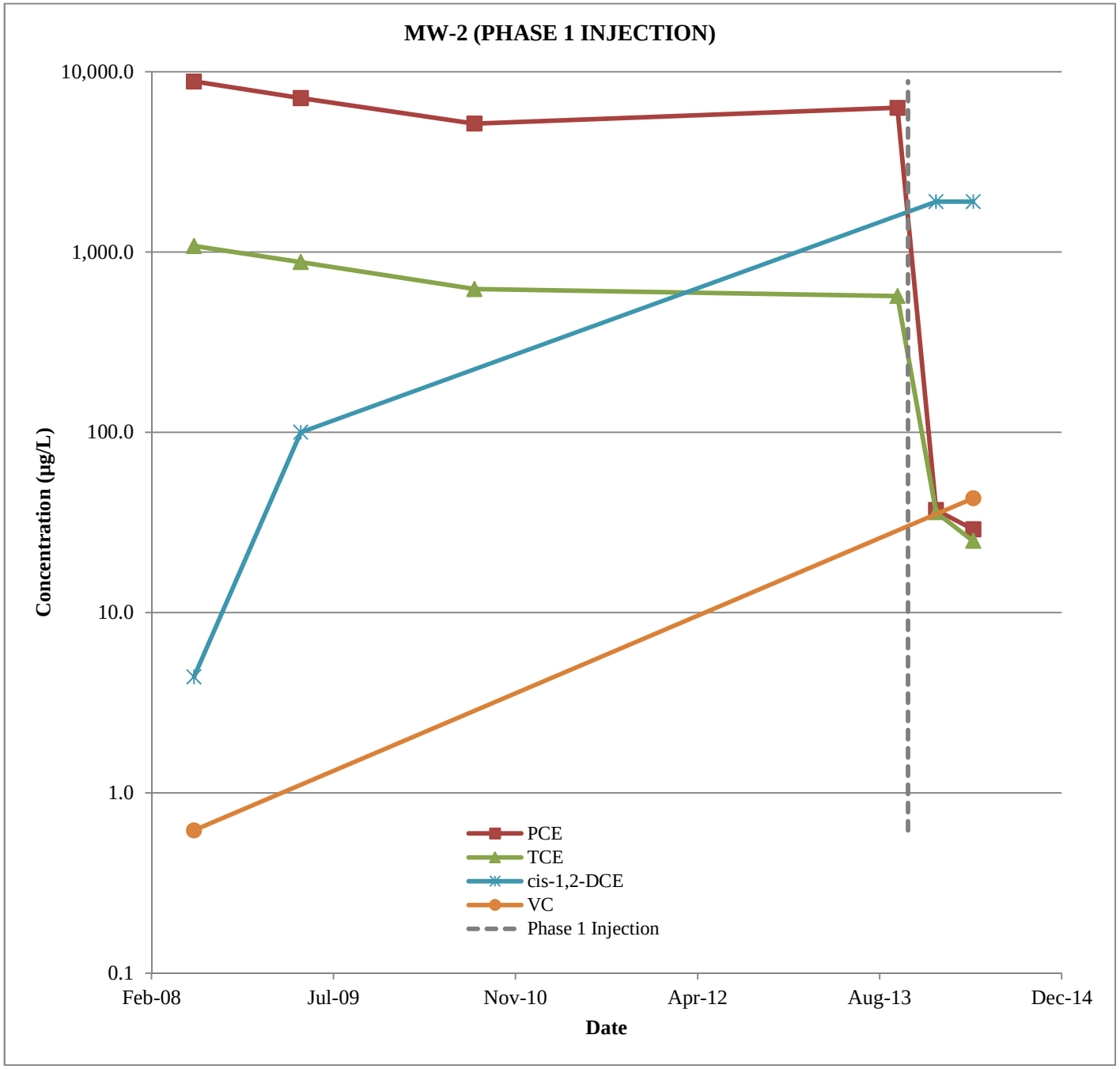
Comments:_____

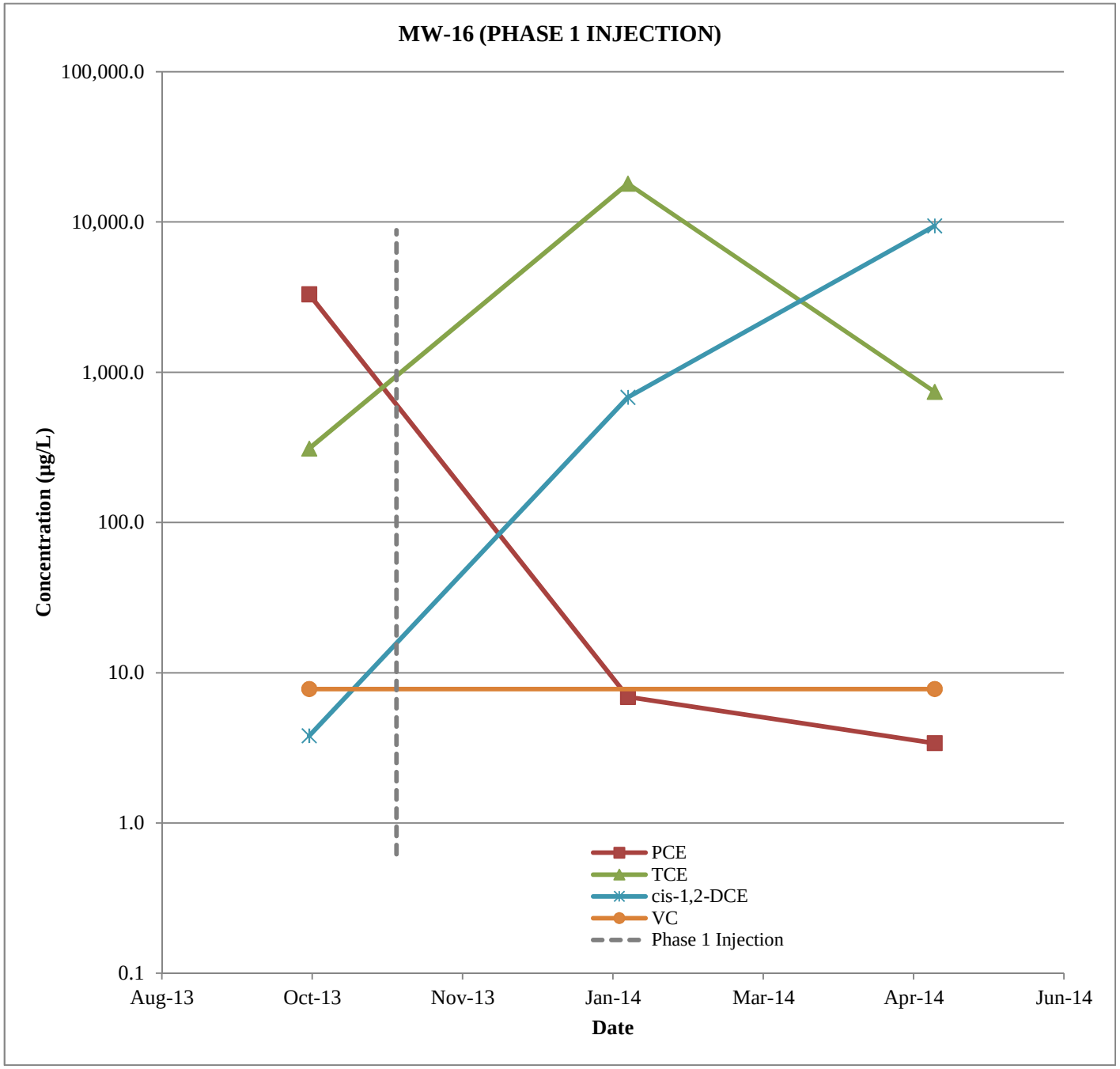
Cooler contents examined/received by : LY **Date:** 4.29.14

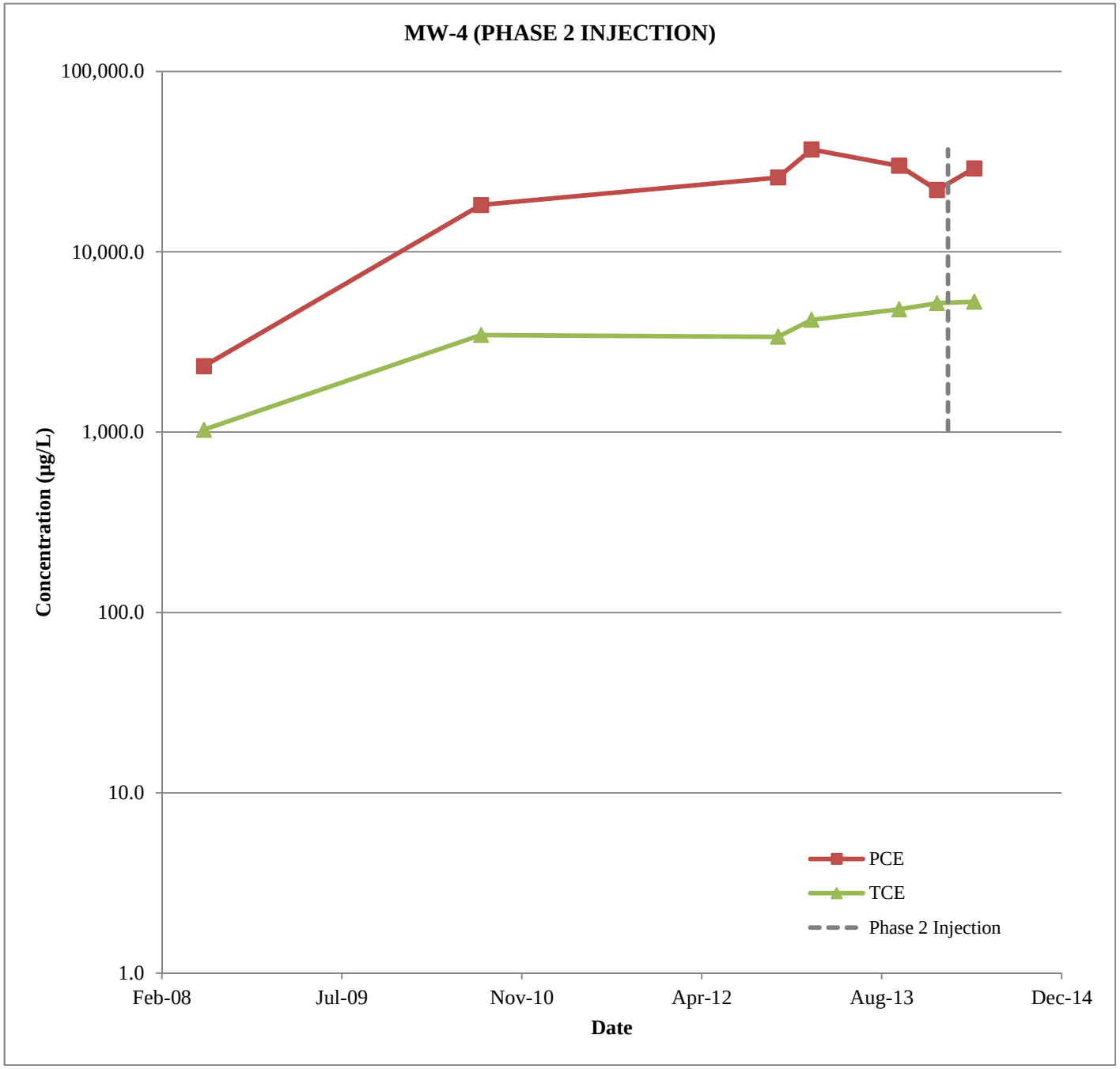
Project Manager Review : CT **Date:** 4/30/14

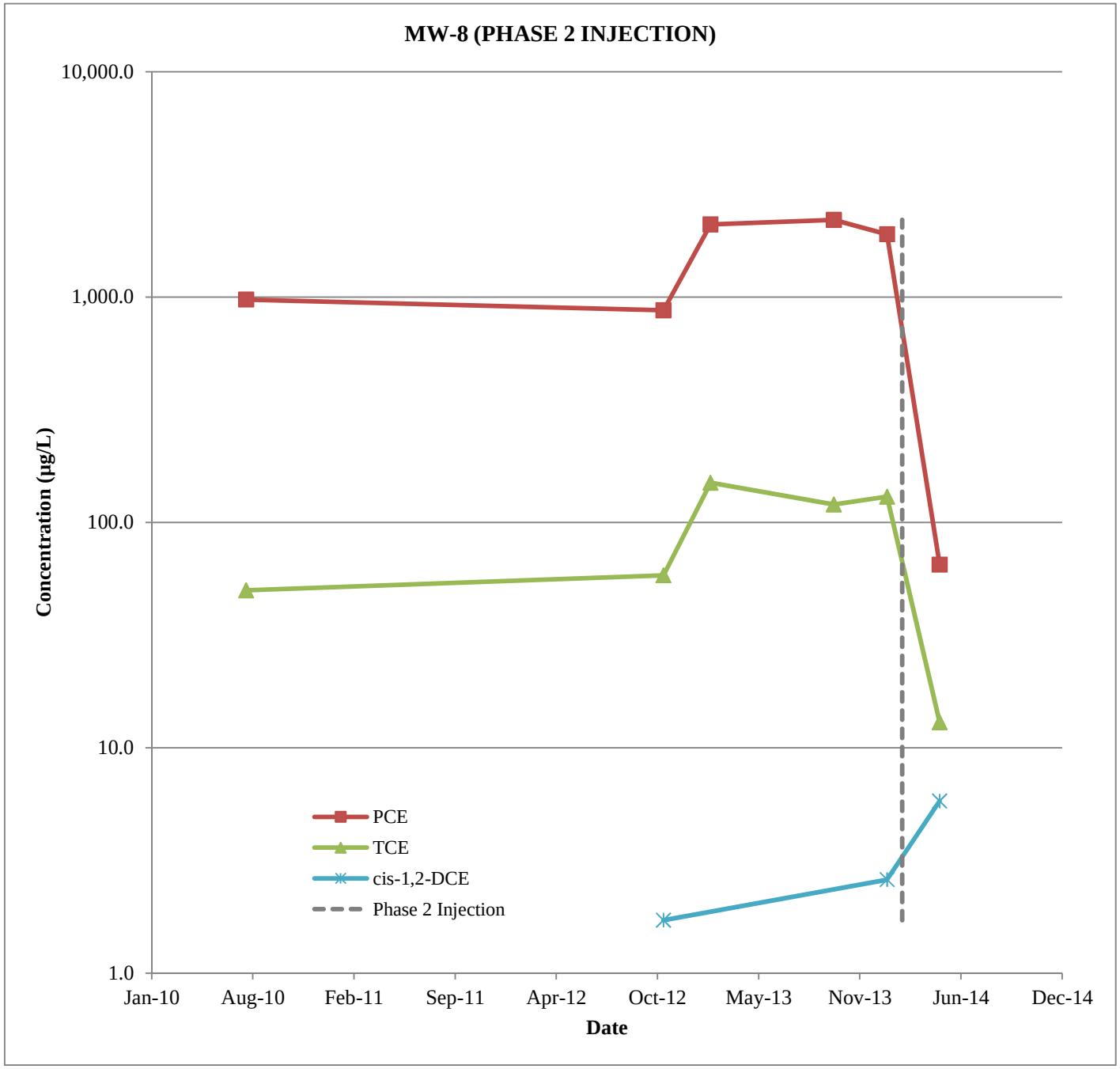
ATTACHMENT 4

CONTAMINANT CONCENTRATION GRAPHS


MW-2 (PHASE 1 INJECTION)
10,000.0
1,000.0
100.0
10.0
1.0
0.1
Concentration (µg/L)
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Date
PCE
TCE
cis-1,2-DCE
VC
Phase 1 Injection


MW-16 (PHASE 1 INJECTION)
100,000.0
10,000.0
1,000.0
100.0
10.0
1.0
0.1
Concentration (µg/L)
Aug-13
Oct-13
Nov-13
Jan-14
Mar-14
Apr-14
Jun-14
Date
PCE
TCE
cis-1,2-DCE
VC
Phase 1 Injection


MW-4 (PHASE 2 INJECTION)
100,000.0
10,000.0
1,000.0
100.0
10.0
1.0
Concentration (µg/L)
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Date
PCE
TCE
Phase 2 Injection


MW-8 (PHASE 2 INJECTION)
10,000.0
1,000.0
100.0
10.0
1.0
Concentration (µg/L)
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Date
PCE
TCE
cis-1,2-DCE
Phase 2 Injection

ATTACHMENT 5

CERTIFICATION STATEMENTS

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 1 OF 2

IHSB SITE NAME NONCD 0002853 Former Eaton Sahara

DATE & NAME OF DOCUMENT 7/15/2014 Revision Quarterly Summary (1st RA Progress Report)

TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey Allen
Name of Remediating Party

Signature of Remediating Party

9-23-14
Date

NOTARIZATION

Ohio (Enter State)

Summit **COUNTY**

I, Cathryn Block, a Notary Public of said County and State, do hereby certify that Jeffrey Allen did personally appear and sign before me this day, produced proper identification in the form of drivers license, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 23d day of September, 204.

Notary Public (signature)

(OFFICIAL SEAL)

NOTARIAL SEAL STATE OF OHIO

CATHRYN BLOCK
NOTARY PUBLIC
FOR THE
STATE OF OHIO
My Commission Expires
November 23, 2015

My commission expires: 11/23/15.

Document Certification Form No. DC - I
(Revised 8/11)

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 2 OF 2

IHSB SITE NAME NONCD 0002853 Former Eaton Selma

DATE & NAME OF DOCUMENT 7/15/2014 Revision Quarterly Summary (1st RA Progress Report)

TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

M. Tony Lieberman

Name of Registered Site Manager

M. Tony Lieberman

Signature of Registered Site Manager

Date 9/24/14

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act N.C.G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN

Name of Registered Site Manager

M. Tony Lieberman

Signature of Registered Site Manager

Date 9/24/14

NOTARIZATION

_____ (Enter State)

_____ **COUNTY**

I, Debra A. Tabron, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 24 day of September, 2014.

Debra A. Tabron

Notary Public (signature)

(OFFICIAL SEAL)

DEBRA A. TABRON Notary Public Wake County NORTH CAROLINA

My commission expires: 8.22.15.

Document Certification Form No. DC - II
(Revised 8/11)