PILOT STUDY EVALUATION REPORT

FORMER MOBIL SERVICE STATION NO. 01-G1P
7 STORRS ROAD
WILLIMANTIC, CONNECTICUT

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Pilot Study Evaluation Report

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut

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1.0 INTRODUCTION

Kleinfelder has prepared this *Pilot Study Evaluation Report* for the former Mobil Service Station No. 01-G1P located at 7 Storrs Road in Willimantic, Connecticut (Plate 1). Kleinfelder collaborated with Regenesis to design a possible site remedy considering the site background, hydrogelogogy, and contaminant distribution. We proposed using RegenOx™, a sodium percarbonate based oxidant and ORC Advanced® to treat residual petroleum hydrocarbons in soil and groundwater at the site. This report will list permits, describe on-site activities, report monitoring data and evaluate the effectiveness of the remedial technology.

The objective of this study is to evaluate the chosen remediation technology in two distinct release areas that have been previously identified at the site based on contaminant type. The former gasoline dispenser area is impacted with gasoline related volatile organic compounds (VOCs) and has been designated as Target Area #1 for remediation purposes. The automotive repair facility,former hydraulic lift area, and adjacent historic and former used-oil underground storage tank (UST) area are impacted with extractable total petroleum hydrocarbons (ETPH) and have been designated as Target Area #2 for remediation purposes.

Target Areas are identified on Plate 2.

2.0 SITE OVERVIEW

The subject property is an approximately two-acre parcel located at 7 Storrs Road in Willimantic, Connecticut (Plate 1). The subject property formerly operated as a Mobil-branded gasoline service station, vehicle repair facility and convenience store from at least 1970 through March 2008, according to the Connecticut Department of Environmental Protection (CTDEP) EPHM-6 UST Registration Form.

The station building is a single-story, 1,872 square-foot, brick and concrete structure with two inactive automobile service bays, an inactive convenience store and inactive public restrooms. The owner of the subject property is listed as Eugene S. Mittelman according to Town of Mansfield land records. The service station operated with two 10,000-gallon and one 12,000-gallon single-walled fiberglass reinforced plastic (FRP) gasoline USTs, which were located south of the station building; one 550-gallon single-walled FRP fuel oil UST, which was located west of the station building; and, one 550-gallon single-walled FRP used-oil UST, which was located north of the station building. Gasoline was dispensed from four multi-product dispensers (MPDs) on two dispenser islands, which were covered by a canopy, located east of the station building. All the USTs, dispensers, product piping and hydraulic lifts were removed from the property in March 2008. The parking areas and driveways are covered with asphalt. The UST and dispenser areas are covered with concrete. Current and former site features are depicted on Plate 2.

The subject property is located in a commercial area between Conantville Road No. 2 to the west, Sawmill Brook to the northeast, Storrs Road to the east and Foster Drive to the south. The subject property is located on the southern edge of the Town of Mansfield. The Town of Windham and the City of Willimantic's border is located on the southern portion of Foster Drive. Storrs Road is also known as Connecticut State Route 195 in Mansfield and is known as Jackson Road in Willimantic. According to the *Zoning Map of the Town of Mansfield, Connecticut* (Effective May 31, 2006), the subject property is located within a designated Planned Business Zone 1.

Windham Water Works of Connecticut provides public water to the subject property and the surrounding properties. Willimantic Reservoir serves as the public water resource for the area and is located approximately 5,300 feet northeast of the subject property. Municipal sewer service is provided by the Town of Willimantic Public Works Sewer Division. Heating oil was used as a fuel source when the station building was in operation. Electricity was provided by Connecticut Light and Power and telephone services were provided by Verizon.

3.0 ENVIRONMENTAL SETTING

3.1 TOPOGRAPHY

The topography of the subject property slopes gently downward from west to east, as illustrated on the United States Geological Survey (USGS) 7.5 Minute Topographic Map of the Willimantic, Connecticut quadrangle. The relevant portion of the quadrangle is depicted on the site locus (Plate 1).

3.2 GROUNDWATER CLASSIFICATION

The subject property is located within a GA groundwater area, according to the CTDEP *Water Quality Classifications Map of the Housatonic River, Hudson River and Southwest Coastal Basins*, Sheet 2 of 3 (March 31, 1999). The GA classification is designated for groundwater within the area of existing private water supply wells or an area with the potential to provide water to public or private water supply wells. The CTDEP presumes that groundwater in such an area is suitable for drinking or other domestic uses without treatment. Historic groundwater gauging data collected at the site indicates groundwater flow is east, towards Storrs Road.

A public drinking water supply (Alex Caisse Park Spring) is located approximately 100 meters south of the subject property. An unnamed pond is located approximately 50 meters south of the subject property. Sawmill Brook abuts the property to the northeast and flows in a southeasterly direction, into the Natchaug River. The Natchaug River is located approximately 250 meters east of the subject property and flows in a southeasterly direction toward the Shetucket River, located approximately 6,500 feet southeast of the subject property. According to the CTDEP *Water Quality Classifications Map of the Housatonic River, Hudson River and Southwest Coastal*

Basins, Sheet 2 of 3 (March 31, 1999), the Natchaug River is a Class B surface water body which is designated as a habitat for fish and aquatic life and wildlife, recreation, navigation and industrial and agricultural water supply. According to the Connecticut GIS database, an unnamed wetland is located approximately 50 meters east of the site, in between Storrs Road and the Natchaug River.

3.3 GEOLOGY

Surficial geology in the vicinity of the subject property is described on the *Surficial Materials Map of Connecticut* (Stone, et al, 1992) as a mix of sand and gravel overlying sand and alluvium. Sand and gravel is generally defined as less than 20 feet thick, horizontally bedded, and overlies inclined layers of sand (deltaic deposits). Alluvium is described as overlying fines. On-site subsurface investigations describe the unconsolidated soils as sand and silt with lesser portions of gravel.

The underlying bedrock is identified on the *Bedrock Geological Map of Connecticut* (J. Rodgers, 1985) as Hope Valley Alaskite Gneiss (Proterzoic Z), comprised of a light-pink to gray, medium to coarse-grained, locally porphyritic, variably lineated and foliated alaskitic gneiss and interlayered dark- to light-gray, medium grained, foliate gneiss. Bedrock has not been encountered during subsurface investigation activities conducted at the site.

3.4 HYDROGEOLOGY

Historic groundwater gauging data reveals that groundwater flow direction has been consistently eastward across the site and thus, for purposes of this report, west is considered to be hydraulically up-gradient, east is considered to be hydraulically down-gradient, and north and south considered to be hydraulically cross-gradient.

During the recent October 2010 post-injection monitoring event, depth to groundwater ranged from 3.91 feet below top of well casing at well MW-102 to 9.34 feet below top of well casing at well MW-112. Groundwater flow direction, during this event was consistent with historical direction and hydraulic gradient was approximately 0.052 ft/ft (Plate 3).

3.5 POTENTIAL SENSITIVE RECEPTORS

The following potential sensitive receptors were identified on the subject property:

- Two storm water catch basins located on the southwestern and northwestern border of the subject property

The following potential sensitive receptors were identified in the vicinity of the subject property:

- A public drinking water supply (Alex Caisse Park Spring) is located approximately 100 meters south of the subject property
- Sub-grade utilities including the water and sewer laterals in the southern portion of the site and the storm water system in the eastern portion of the site
- A utility vault is located along Foster Drive, south of the subject property
- Two residences with basements are located within 500 feet to the southeast of the subject property
- Sawmill Brook adjoins the subject property to the northeast and flows into the Natchaug River, located approximately 250 meters east of the subject property
- An unnamed wetland is located approximately 50 meters east of the subject property
- An unnamed pond is located approximately 50 meters south of the subject property

4.0 PILOT STUDY ACTIVITIES

4.1 PERMITTING

In accordance with the requirements of the Town of Mansfield, Connecticut's Inland Wetland Agency, Kleinfelder received approval for a Wetland Permit Modification (IWA file #1441) on August 3, 2010. This permit amends the original Wetland Permit to include in-situ chemical oxidation (ISCO)/ oxygen releasing compound (ORC) application to the subsurface within 150 feet from a town mapped wetland area. A CTDEP temporary discharge authorization (TDA) permit (TA-179) was obtained for the approval of the ISCO/ORC application. Additionally, public notice of the remediation was completed in accordance with CGS 22a-133x(g). Copies of the permits are included in Appendix A.

4.2 ISCO/ORC APPLICATION ACTIVITIES

Between August 19 and September 3, 2010, Glacier Drilling of Durham, Connecticut, under the supervision of Kleinfelder, advanced 38 on-site injection points (IP-1 through IP-38) using direct-push Geoprobe® drilling techniques to apply approximately 610 gallons of ORC/water solution (102 pounds ORC) and 5,435 gallons of Regenox/water solution (3,623 pounds Regenox) to the subsurface. Prior to the advancement of injection points, concrete was cored in 14 locations to access the soils beneath the building slab and the drive mat. Where possible, injection locations were spaced using 12.5 foot centers and the aquifer was treated with ISCO/ORC by using a high pressure pump to inject the solution from a depth of 13 feet below ground surface (bgs) to 3 feet bgs directly through the Geoprobe® tools. Injection pressures were generally around 200 pounds per square inch (psi) during the application phase.

Field notes that indicate the dosages per specific locations are included as Appendix B. Site structures and injection points are depicted on Plate 2.

4.3 MONITORING AND SAMPLING

4.3.1 Baseline Monitoring and Sampling

On July 7 and 8, 2010, a soil vapor and groundwater baseline monitoring event was conducted at the subject property. This event included low-flow groundwater sampling of existing monitoring wells MW-3, MW-4, MW-102, MW-103S, MW-103D, MW-105, MW-106, MW-107, MW-110 and MW-112. Groundwater from the wells was monitored for the following parameters:

- Depth to water
- Dissolved oxygen (DO)
- Oxidation-reduction potential (ORP)
- pH
- Specific conductivity
- Temperature
- Dissolved carbon dioxide (DCO_2)

Vapor monitoring of wells MW-3, MW-4, MW-102, MW-103S, MW-103D, MW-105, MW-106, MW-107, MW-110, and MW-112 and the two on-site storm water catch basins was conducted. The wells and catch basins were monitored for the following parameters:

- Oxygen (O_2)
- Total volatile organic vapors (TVOVs) using a photo-ionization detector (PID)
- Lower explosive limit (LEL)
- Carbon dioxide (CO_2)

Groundwater samples were collected from the monitoring wells associated with Target Area #1 (e.g., MW-102, MW-103S, MW-103D, MW-105, and MW-112) and submitted to Accutest Laboratories (Accutest) of Marlborough, Massachusetts to be analyzed for VOCs including methyl tertiary butyl ether (MTBE), Resource Conservation Recovery Act (RCRA) metals, biological oxygen demand (BOD), chemical oxygen demand (COD), alkalinity, and iron. Groundwater samples collected from the monitoring wells associated with Target Area #2 (e.g., MW-3, MW-4, MW-106, MW-107, and MW-110) were sent to be analyzed for VOCs, ETPH, polycyclic aromatic hydrocarbons (PAHs), RCRA metals, BOD, COD, alkalinity, and iron.

Groundwater and soil vapor monitoring data is included as Appendix C.

4.3.2 Injection Monitoring

During the injection activities, groundwater and soil vapor at existing monitoring wells MW-3, MW-4, MW-102, MW-103S, MW-103D, MW-105, MW-106, MW-107, MW-110, and MW-112 was monitored periodically for the following parameters:

- Depth to water
- DO
- ORP
- pH
- Specific conductivity
- Temperature
- DCO_2
- Hydrogen peroxide (H_2O_2)
- O_2
- TVOVs
- LEL
- CO_2

The two on-site catch basins were screened for O_2, TVOVs, LEL, and CO_2. Groundwater and soil vapor monitoring data is included as Appendix C.

4.3.3 Post-Injection Monitoring and Sampling

On October 4 and 5, 2010, a soil vapor and groundwater post-injection monitoring event was conducted at the subject property. This event included low-flow groundwater sampling of existing monitoring wells MW-3, MW-4, MW-102, MW-103S, MW-103D, MW-105, MW-106, MW-107, MW-110 and MW-112. Groundwater from the wells was monitored for the following parameters:

- Depth to water
- DO2
- ORP
- pH
- Specific conductivity
- Temperature
- Dissolved carbon dioxide (DCO_2)

Vapor monitoring of wells MW-3, MW-4, MW-102, MW-103S, MW-103D, MW-105, MW-106, MW-107, MW-110, and MW-112 and the two on-site storm water catch basins was conducted. The wells and catch basins were monitored for the following parameters:

- Oxygen (O_2)
- Total volatile organic vapors (TVOVs) using a photo-ionization detector (PID)
- Lower explosive limit (LEL)
- Carbon dioxide (CO_2)

Groundwater samples were collected from the monitoring wells associated with Target Area #1 (e.g., MW-102, MW-103S, MW-103D, MW-105, and MW-112) and submitted to Accutest of Marlborough, Massachusetts to be analyzed for VOCs including MTBE, RCRA metals, BOD, COD, alkalinity, and iron. Groundwater samples collected from the monitoring wells associated with Target Area #2 (e.g., MW-3, MW-4, MW-106, MW-

107, and MW-110) were sent to be analyzed for VOCs, ETPH, PAHs, RCRA metals, BOD, COD, alkalinity, and iron.

Groundwater and soil vapor monitoring data is included as Appendix C.

4.4 MONITORING WELL SURVEY

On September 10, 2010, the injection point locations were surveyed using a Topcon 211D Total Station to a site-specific datum to establish locations relative to previously existing site data.

5.0 REGULATORY EVALUATION

5.1 REGULATORY APPLICABILITY

Laboratory analytical results of groundwater samples were compared with the applicable numeric criteria defined in the CTDEP Remediation Standard Regulations (RSRs), as set forth in Regulations of Connecticut State Agencies (RCSA) sections 22a-133k-(1-3), inclusive. The RSRs apply to actions taken to remediate release conditions provided those actions are required by a regulation, statute, by order of the Commissioner, or are actions taken pursuant to the Voluntary Remediation Programs set forth in sections 22a-133x or 22a-133y of the Connecticut General Statutes.

5.1.2 Groundwater

The CTDEP RSR criteria applicable to groundwater at the subject property include:

- Groundwater Protection Criteria (GPC), which apply to groundwater within a GA classified groundwater area
- Surface Water Protection Criteria (SWPC), which apply to a groundwater plume at the point where the plume discharges to a surface water body
- Residential Volatilization Criteria (Res Vol), which apply to groundwater within 30 feet of the ground surface

6.0 PILOT STUDY RESULTS

6.1 GROUNDWATER SAMPLING ANALYTICAL RESULTS

On July 7 and 8, 2010, Kleinfelder staff conducted the baseline monitoring event, groundwater was monitored and sampled from ten monitoring wells using a peristaltic pump and a Horiba water quality flow through cell (Horiba). The Horiba was used to monitor aquifer parameters that include; pH, conductivity, turbidity, DO, temperature and ORP. All monitoring wells sampled by low flow methodology stabilized for all aquifer parameters with the exception of MW-4, which failed to stabilize for turbidity; MW-106, which failed to stabilize for conductivity and turbidity; MW-107 and MW-110, which failed to stabilize for conductivity and DO. Samples were collected from MW-4, MW-106, MW-107, and MW-110 after one hour of low flow purging.

Groundwater samples collected during this investigation contained concentrations of Tetrachloroethylene and ETPH above the applicable regulatory criteria. The results of groundwater analyses are summarized below:

- Tetrachloroethylene was detected in monitoring wells MW-110 at concentrations which do not meet GPC.
- ETPH was detected in monitoring well MW-106 at concentrations which do not meet GPC.

Groundwater analytical results are summarized in Tables 1 and 2. A copy of the laboratory analytical report for groundwater samples is included in Appendix D.

On October 5 and 6, 2010, Kleinfelder staff conducted the post-injection monitoring event according to techniques described above.

Groundwater samples collected during this investigation contained concentrations of Arsenic, Barium, Chromium, Lead and ETPH above the applicable regulatory criteria. The results of groundwater analyses are summarized below:

- Arsenic was detected in monitoring wells MW-4 and MW-107 at concentrations which do not meet GPC and SWPC.
- Barium was detected in monitoring wells MW-107 at concentrations which do not meet GPC.
- Chromium was detected in monitoring wells MW-107 at concentrations which do not meet GPC.
- Lead was detected in monitoring wells MW-4 and MW-107 at concentrations which do not meet GPC and SWPC.
- ETPH was detected in monitoring wells MW-3, MW-106, and MW-107 at concentrations which do not meet GPC.
- ETPH data for wells MW-106 and MW-107 may not be appropriate for comparison to regulatory criteria due to a low surrogate recovery possibly

resulting in a high bias. The laboratory report suggests that matrix interference resulted in the low surrogate recovery.

- The laboratory reporting limits for multiple VOC analytes exceeded regulatory criteria in the groundwater samples collected from wells MW-4 and MW-107; therefore, no determination of compliance can be completed for these samples.

Groundwater analytical results are summarized in Tables 1 and 2. A benzene, toluene, ethylbenzene and xylenes (BTEX) and MTBE concentrations and groundwater contour map is presented as Plate 3. A copy of the laboratory analytical report for groundwater samples is included in Appendix D.

Monitoring data collected during and after ISCO injections suggest that this remediation technology was effective in the pilot test areas. Primary/secondary indicators exhibited favorable changes from the baseline to the post-injection analysis.

Primary Indicators

- A decrease in concentrations of VOCs in groundwater (Tetrachloroethylene decreased from above the GA GPC [6.2 ppb] to below laboratory detection limits [<1.0 ppb]).

Secondary Indicators

- An increase in DO in most groundwater samples (MW103D increased from 0.47 mg/l to 11.77 mg/l).
- An increase in ORP in most groundwater samples (MW-102 increased from -157 mV to -62 mV).

An increase in concentrations of ETPH and specific metals (Arsenic, Barium, Chromium and Lead) in groundwater occurred at the site during post-injection groundwater sampling. These increases in concentrations are common artifacts of chemical oxidation injections for the following reasons:

- Desorption of contaminants from the smear zone often occur during and immediately following the oxidants reaction lifespan.
- The metals in soils oxidation states are increased, causing them to be more soluble in water.

7.0 LIMITATIONS

Kleinfelder performed the services for this project under the Standard Procurement Agreement with Procurement, a division of ExxonMobil Global Services Company (signed on June 21, 2007). Kleinfelder states that the services performed are consistent with professional standard of care defined as that level of services provided by similar professionals under like circumstances. This report is based on the regulatory standards in effect on the date of the report. It has been produced for the primary benefit of Exxon Mobil Global Services Company and its affiliates.

8.0 REFERENCES

1. Connecticut Department of Environmental Protection, January 1996, *Remediation Standard Regulations*.

2. Connecticut Department of Environmental Protection, December 1986, *Water Quality Classifications Map of the Thames River, Pawcatuck River and Southeast Coastal Basins*, Sheet 2 of 3

3. Connecticut Department of Environmental Protection, Bureau of Water Management, June 12, 2000, *Low-Flow Sampling Procedures*.

4. Connecticut Department of Environmental Protection, September 2007, *Site Characterization Guidance Document*.

5. Kleinfelder, December 2008, *Phase III Environmental Site Assessment*.

6. Rodgers, J., 1985, *Bedrock Geological Map of Connecticut*.

7. Stone, J., et al., 1992, *Surficial Materials Map of Connecticut*.

Table 1

GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
July 7, 2010 through October 5, 2010

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-3	07/07/2010	98.48	5.58	ND	ND	92.90	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	98.48	5.25	ND	ND	93.23	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
MW-4	07/07/2010	99.09	6.57	ND	ND	92.52	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	99.09	6.16	ND	ND	92.93	<10	<20	<20	<20	BRL	<20	NA	
MW-102	07/08/2010	97.29	4.35	ND	ND	92.94	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	97.29	3.91	ND	ND	93.38	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
MW-103D	07/08/2010	97.34	6.25	ND	ND	91.09	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	97.34	6.66	ND	ND	90.68	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
MW-103S	07/08/2010	97.38	5.89	ND	ND	91.49	<0.50	<1.0	15.5	27.6	43.1	<1.0	NA	
MW-103SR	10/04/2010	NSVD	4.87	ND	ND	NSVD	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	Replacement well for MW-103S
MW-105	07/08/2010	97.16	6.87	ND	ND	90.29	<0.50	<1.0	<1.0	<1.0	BRL	1.8	NA	
	10/04/2010	97.16	6.78	ND	ND	90.38	<0.50	<1.0	<1.0	<1.0	BRL	4.0	NA	
MW-106	07/07/2010	99.45	6.37	ND	ND	93.08	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	99.45	5.38	ND	ND	94.07	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
MW-107	07/07/2010	99.60	7.84	ND	ND	91.76	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	99.60	7.26	ND	ND	92.34	<50	<100	<100	<100	BRL	<100	NA	
MW-110	07/07/2010	99.67	6.10	ND	ND	93.57	<0.50	<1.0	<1.0	4.0	4.0	<1.0	NA	
	10/05/2010	99.67	5.72	ND	ND	93.95	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
MW-112	07/08/2010	97.03	7.03	ND	ND	90.00	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	10/05/2010	97.03	9.34	ND	ND	87.69	NS	NS	NS	NS	NS	NS	NS	Insufficient water column

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Table 1 (Continued)

GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
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July 7, 2010 through October 5, 2010

Notes:

* - includes only those compounds that were detected
~ - No standard exists for compound in this classification.
< - less than
<1.0 - Not detected at or above the laboratory reporting limit shown
µg/L - micrograms/liter
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
GA/GAA GPC - GA/GAA Groundwater Protection Criteria
GW - Groundwater
MTBE - methyl tertiary-butyl ether
NA - Not analyzed
ND - Not detected
NM - Not monitored
NS - Not sampled
NSVD - Not surveyed to vertical datum
Res. Vol. - Residential Volatilization Criteria
Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)
SWPC - Surface Water Protection Criteria

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Table 2

ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
July 7, 2010 through October 5, 2010

Well ID	Date	n-Butylbenzene	sec-Butylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Naphthalene**	Arsenic	Barium	Chromium	Lead	Iron	Dissolved Iron	Selenium	Alkalinity, as CaCO3 (mg/L)	BOD (mg/L)	COD (mg/L)	ETPH (mg/L)	Comments
Existing Res Vol		~	~	~	~	~	**1500**	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**5**	**350**	**350**	**280**	**10**	**1000**	**100**	**15**	~	~	**50**	~	~	~	**0.1**	
SWPC		~	~	~	~	~	**88**	~	~	~	**4**	~	~	**13**	~	~	**50**	~	~	~	~	
MW-3	07/07/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<4.0	<50	<10	<5.0	4420	NA	<10	37.5	3.6	<20	<0.082	
	10/05/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<4.0	<50	<10	<5.0	4290	NA	<10	43.7	<2.0	<20	0.298	
MW-4	07/07/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<4.0	<50	<10	<5.0	4950	NA	<10	36.4	<2.0	<20	<0.082	
	10/05/2010	<100	<100	<100	<100	<100	<20	<100	<100	<5.2	15.9	138	38.2	16.0	14900	NA	<10	658	3.9	221	0.0928	
MW-102	07/08/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	5290	NA	<10	68.5	<2.0	<20	NA	
	10/05/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	1610	NA	<10	97.2	<2.0	<20	NA	
MW-103D	07/08/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	<100	NA	<10	61.0	<2.0	<20	NA	
	10/05/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	118	NA	<10	180	<2.0	<20	NA	
MW-103S	07/08/2010	<5.0	6.1	<5.0	<5.0	22.6	<1.0	78.8	25.3	NA	<4.0	<50	<10	<5.0	578	NA	<10	91.0	<2.0	<20	NA	
MW-103SR	10/04/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	20.7	175	58.1	22.1	3800	NA	<10	615	6.1	469	NA	Replacement well for MW-103S
MW-105	07/08/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	8750	NA	<10	56.7	6.8	<20	NA	
	10/04/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	6900	NA	<10	59.4	5.1	<20	NA	
MW-106	07/07/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.1	<4.0	<50	<10	<5.0	9560	NA	<10	22.5	3.3	<20	0.372	
	10/05/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.1	<4.0	<50	<10	<5.0	428	NA	<10	151	3.9	63.5	3.63	
MW-107	07/07/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<4.0	<50	<10	<5.0	9090	NA	<10	32.1	<2.0	<20	<0.080	
	10/05/2010	<500	<500	<500	<500	<500	<100	<500	<500	<5.0	44.4	1120	185	70.0	41800	NA	10.0	1410	32.8	994	0.599	
MW-110	07/07/2010	<5.0	<5.0	<5.0	<5.0	<5.0	6.2	<5.0	<5.0	<5.1	<4.0	<50	<10	<5.0	4690	NA	<10	103	<2.0	<20	<0.082	
	10/05/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<4.0	<50	<10	<5.0	2530	NA	<10	69.1	<2.0	<20	0.0999	
MW-112	07/08/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	NA	<4.0	<50	<10	<5.0	656	NA	<10	76.0	<2.0	<20	NA	
	10/05/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient water column

Table 2 (Continued)

ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
July 7, 2010 through October 5, 2010

Notes:

* - includes only those compounds that were detected
** - Reported as semi-volatile organic compound
~ - No standard exists for compound in this classification.
< - less than
<1.0 - Not detected at or above the laboratory reporting limit shown
µg/L - micrograms/liter
AVOCs - aromatic volatile organic compounds
BOD - Biochemical Oxygen Demand
BRL - Below laboratory reporting limits
COD - Chemical Oxygen Demand
ETPH - extractable total petroleum hyrdocarbons
GA/GAA GPC - GA/GAA Groundwater Protection Criteria
mg/L - milligram per liter
MTBE - methyl tertiary-butyl ether
NA - Not analyzed
NS - Not sampled
PCBs - polychlorinated biphenyls
RCRA - Resource Conservation and Recovery Act
Res. Vol. - Residential Volatilization Criteria
Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)
SWPC - Surface Water Protection Criteria
All results presented in µg/L unless otherwise noted

Kleinfelder
99 Lamberton Road, Suite 201, Windsor, CT

Table 3

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-1	01/07/2008	100.87	2.81	ND	ND	98.06	<0.50	<1.0	<1.0	<1.0	BRL	1.3	NA	
	09/13/2008	97.72	3.01	ND	ND	94.71	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/01/2008	97.72	2.67	ND	ND	95.05	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	04/28/2009	97.72	2.52	ND	ND	95.20	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	97.72	2.33	ND	ND	95.39	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	97.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	12/04/2009	97.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
MW-2	01/07/2008	100.00	4.12	ND	ND	95.88	<0.50	<1.0	<1.0	<1.0	BRL	3.7	NA	
	09/15/2008	96.88	4.62	ND	ND	92.26	<0.50	<1.0	<1.0	<1.0	BRL	1.3	<200	
	12/01/2008	96.88	3.90	ND	ND	92.98	<0.50	<1.0	<1.0	<1.0	BRL	2.9	NA	
	04/28/2009	96.88	3.74	ND	ND	93.14	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	96.88	3.89	ND	ND	92.99	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	96.88	5.54	ND	ND	91.34	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	96.88	4.19	ND	ND	92.69	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-3	01/07/2008	101.57	4.41	ND	ND	97.16	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	09/15/2008	98.48	4.25	ND	ND	94.23	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	98.48	4.01	ND	ND	94.47	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	04/28/2009	98.48	3.90	ND	ND	94.58	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.48	3.82	ND	ND	94.66	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.48	5.58	ND	ND	92.90	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	98.48	4.05	ND	ND	94.43	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-4	01/07/2008	102.20	5.57	ND	ND	96.63	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	09/13/2008	99.09	5.49	ND	ND	93.60	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.09	5.08	ND	ND	94.01	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	04/28/2009	99.09	5.22	ND	ND	93.87	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.09	5.17	ND	ND	93.92	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.09	6.47	ND	ND	92.62	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	99.09	4.93	ND	ND	94.16	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-5	01/07/2008	104.67	2.03	ND	ND	102.64	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	09/13/2008	101.57	2.26	ND	ND	99.31	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	101.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/27/2009	101.57	1.99	ND	ND	99.58	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	101.57	1.42	ND	ND	100.15	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	101.57	2.96	ND	ND	98.61	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	101.57	1.00	ND	ND	100.57	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	
MW-6	01/07/2008	103.01	3.62	ND	ND	99.39	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	09/13/2008	99.88	3.60	ND	ND	96.28	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.88	2.75	ND	ND	97.13	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	04/28/2009	99.88	3.37	ND	ND	96.51	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.88	2.41	ND	ND	97.47	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.88	4.81	ND	ND	95.07	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	99.88	2.02	ND	ND	97.86	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-7	01/07/2008	102.96	4.73	ND	ND	98.23	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	09/13/2008	99.85	4.75	ND	ND	95.10	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/01/2008	99.85	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	98.85	4.41	ND	ND	94.44	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.85	4.23	ND	ND	94.62	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.85	5.44	ND	ND	93.41	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	98.85	4.23	ND	ND	94.62	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-100D	09/12/2008	98.68	4.33	ND	ND	94.35	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/01/2008	98.68	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	98.68	3.83	ND	ND	94.85	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.68	3.70	ND	ND	94.98	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.68	5.11	ND	ND	93.57	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	98.68	3.73	ND	ND	94.95	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-100S	09/12/2008	98.64	3.53	ND	ND	95.11	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/01/2008	98.64	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	98.64	3.16	ND	ND	95.48	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.64	2.98	ND	ND	95.66	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.64	4.43	ND	ND	94.21	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	98.64	3.00	ND	ND	95.64	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-101	09/12/2008	98.66	3.55	ND	ND	95.11	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/01/2008	98.66	3.27	ND	ND	95.39	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	04/28/2009	98.66	3.20	ND	ND	95.46	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.66	3.03	ND	ND	95.63	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.66	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	12/04/2009	98.66	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-102	09/15/2008	97.29	3.22	ND	ND	94.07	<0.50	<1.0	<1.0	<1.0	BRL	1.0	<200	
	12/01/2008	97.29	2.84	ND	ND	94.45	<0.50	<1.0	<1.0	<1.0	BRL	1.4	NA	
	04/28/2009	97.29	2.86	ND	ND	94.43	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	97.29	2.72	ND	ND	94.57	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	97.29	4.30	ND	ND	92.99	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	97.29	2.80	ND	ND	94.49	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-103D	09/12/2008	97.34	6.24	ND	ND	91.10	6.0	<1.0	<1.0	<1.0	6.0	4.6	<200	
	12/01/2008	97.34	5.02	ND	ND	92.32	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	04/28/2009	97.34	4.81	ND	ND	92.53	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	97.34	5.92	ND	ND	91.42	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	97.34	6.10	ND	ND	91.24	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	97.34	4.99	ND	ND	92.35	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-103S	09/12/2008	97.38	4.18	ND	ND	93.20	<0.50	5.6	87.6	227	320	<1.0	<200	
	12/01/2008	97.38	3.71	ND	ND	93.67	<0.50	2.6	63.8	127	193	<1.0	NA	
	04/28/2009	97.38	3.71	ND	ND	93.67	<0.50	<1.0	23.6	29.0	52.6	<1.0	<200	
	06/17/2009	97.38	3.88	ND	ND	93.50	<0.50	<1.0	29.4	79.6	109.0	<1.0	<200	
	09/23/2009	97.38	6.00	ND	ND	91.38	<0.50	<1.0	71.1	126	197	3.0	<200	
	12/04/2009	97.38	4.04	ND	ND	93.34	<0.50	<1.0	25.2	53.5	78.7	<1.0	<200	
MW-105	09/15/2008	97.16	5.89	ND	ND	91.27	2.2	<1.0	7.6	<1.0	9.8	14.9	<200	
	12/01/2008	97.16	5.57	ND	ND	91.59	<0.50	<1.0	<1.0	<1.0	BRL	17.3	NA	
	04/28/2009	97.16	5.17	ND	ND	91.99	<0.50	<1.0	<1.0	<1.0	BRL	8.2	<200	
	06/17/2009	97.16	5.41	ND	ND	91.75	<0.50	<1.0	<1.0	<1.0	BRL	8.7	<200	
	09/23/2009	97.16	6.77	ND	ND	90.39	<0.50	<1.0	<1.0	<1.0	BRL	10.2	<200	
	12/04/2009	97.16	5.56	ND	ND	91.60	<0.50	<1.0	<1.0	<1.0	BRL	6.5	<200	

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-106	09/13/2008	99.45	4.56	ND	ND	94.89	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.45	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	99.45	4.25	ND	ND	95.20	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.45	3.79	ND	ND	95.66	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.45	6.12	ND	ND	93.33	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	99.45	3.51	ND	ND	95.94	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-107	09/13/2008	99.60	6.43	ND	ND	93.17	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.60	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/27/2009	99.60	6.16	ND	ND	93.44	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.60	5.86	ND	ND	93.74	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	230	
	09/23/2009	99.60	7.62	ND	ND	91.98	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	99.60	5.43	ND	ND	94.17	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	
MW-108	09/13/2008	99.90	3.66	ND	ND	96.24	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.90	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	99.90	3.46	ND	ND	96.44	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.90	2.67	ND	ND	97.23	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.90	4.93	ND	ND	94.97	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	99.90	2.25	ND	ND	97.65	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	
MW-109	09/13/2008	99.84	3.70	ND	ND	96.14	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	99.84	3.47	ND	ND	96.37	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.84	2.63	ND	ND	97.21	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.84	4.96	ND	ND	94.88	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	99.84	3.21	ND	ND	96.63	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-110	09/15/2008	99.67	4.77	ND	ND	94.90	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	12/01/2008	99.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	99.67	4.51	ND	ND	95.16	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.67	4.32	ND	ND	95.35	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.67	6.07	ND	ND	93.60	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	99.67	4.34	ND	ND	95.33	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	
MW-111	04/28/2009	96.82	6.52	ND	ND	90.30	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	96.82	6.54	ND	ND	90.28	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	96.82	8.24	ND	ND	88.58	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	96.82	6.62	ND	ND	90.20	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-112	04/28/2009	97.03	5.61	ND	ND	91.42	<0.50	<1.0	5.1	8.2	13.3	<1.0	<200	
	06/17/2009	97.03	5.58	ND	ND	91.45	2.6	<1.0	9.7	8.1	20.4	<1.0	<200	
	09/23/2009	97.03	6.90	ND	ND	90.13	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/04/2009	97.03	5.63	ND	ND	91.40	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
MW-113D	04/27/2009	98.92	6.38	ND	ND	92.54	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.92	6.27	ND	ND	92.65	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.92	7.64	ND	ND	91.28	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	98.92	6.35	ND	ND	92.57	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	
MW-113S	04/27/2009	98.74	4.39	ND	ND	94.35	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.74	4.25	ND	ND	94.49	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.74	5.95	ND	ND	92.79	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	98.74	4.25	ND	ND	94.49	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

		Gauging Data					Analytical Data							
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX* (µg/L)**	**MTBE (µg/L)**	**Ethanol (µg/L)**	**Comments**
Existing Res Vol		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**215**	**23500**	**50000**	**21300**	**~**	**50000**	**~**	
GA/GAA GPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**1000**	**700**	**530**	**~**	**70**	**~**	
SWPC		**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**710**	**4000000**	**580000**	**~**	**~**	**~**	**~**	
MW-114	04/27/2009	99.10	4.38	ND	ND	94.72	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	99.10	4.18	ND	ND	94.92	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	99.10	6.11	ND	ND	92.99	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	12/07/2009	99.10	4.23	ND	ND	94.87	<0.50	<1.0	<1.0	<2.0	BRL	<1.0	<200	
OS-1	04/28/2009	98.32	11.15	ND	ND	87.17	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	06/17/2009	98.32	11.18	ND	ND	87.14	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	98.32	12.42	ND	ND	85.90	<0.50	<1.0	<1.0	<1.0	BRL	4.1	<200	
	12/04/2009	98.32	11.32	ND	ND	87.00	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
OS-2	04/28/2009	97.15	9.86	ND	ND	87.29	0.64	<1.0	<1.0	<1.0	0.64	4.0	<200	
	06/17/2009	97.15	9.87	ND	ND	87.28	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
	09/23/2009	97.15	11.00	ND	ND	86.15	<0.50	<1.0	<1.0	<1.0	BRL	3.6	<200	
	12/04/2009	97.15	10.02	ND	ND	87.13	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	<200	
TPW-1	02/20/2008	NM	NM	NM	NM	NM	<0.50	<1.0	<1.0	<1.0	BRL	<1.0	NA	
	03/01/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08
TPW-B	01/07/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	03/01/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08
TPW-E	01/07/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	03/01/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08
TPW-F	01/07/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	03/01/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08

Table 3 (Continued)

HISTORICAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Notes:

* - includes only those compounds that were detected
~ - No standard exists for compound in this classification.
< - less than
<1.0 - Not detected at or above the laboratory reporting limit shown
µg/L - micrograms/liter
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
GA/GAA GPC - GA/GAA Groundwater Protection Criteria
GW - Groundwater
MTBE - methyl tertiary-butyl ether
NA - Not analyzed
ND - Not detected
NM - Not monitored
NS - Not sampled
NSVD - Not surveyed to vertical datum
Res. Vol. - Residential Volatilization Criteria
Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)
SWPC - Surface Water Protection Criteria

Kleinfelder
99 Lamberton Road, Suite 201, Windsor, CT

Table 4

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
MW-1	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	12/04/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
MW-2	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/15/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-3	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/15/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	<10	<5.0	NA	NA	0.0840	PCBs/RCRA 8 Metals BRL
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	

Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
MW-4	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	<10	<5.0	NA	NA	<0.081	PCBs/RCRA 8 Metals BRL
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-5	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	<10	<5.0	NA	NA	<0.081	PCBs/RCRA 8 Metals BRL
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/27/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.081	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	<10	<5.0	NA	NA	0.152	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<10	<5.0	NA	NA	<0.080	
MW-6	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1	NA	NA	NA	NA	<0.080	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	

Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
MW-7	01/07/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-100D	09/12/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-100S	09/12/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-101	09/12/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	12/04/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled

Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
MW-102	09/15/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-103D	09/12/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-103S	09/12/2008	53.8	21.9	16.8	28.8	72.5	254	93.9	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	66.5	19.1	9.3	15.7	62.2	192	96.7	NA	NA	NA	NA	NA	NA	
	04/28/2009	17.9	10.3	<5.0	5.0	34.2	40.8	9.4	NA	NA	NA	NA	NA	NA	
	06/17/2009	32.6	10.7	<5.0	5.8	25.2	74.8	28.7	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	11.5	<5.0	28.7	68.5	279	78.1	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	6.5	<5.0	8.7	28.5	88.9	27.9	NA	NA	NA	NA	NA	NA	
MW-105	09/15/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	<5.0	NA	NA	NA	
	12/01/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	

Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
MW-106	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1	<10	<5.0	NA	NA	1.05	PCBs/RCRA 8 Metals BRL
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-107	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1	<10	<5.0	NA	NA	0.535	PCBs/RCRA 8 Metals BRL
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/27/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	0.317	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	<10	<5.0	NA	NA	0.283	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<10	<5.0	NA	NA	0.158	
MW-108	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1	NA	NA	NA	NA	0.0800	
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.081	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	NA	NA	NA	NA	0.162	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	NA	NA	NA	NA	<0.080	
MW-109	09/13/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1	NA	NA	NA	NA	<0.081	
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	

Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
MW-110	09/15/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<6.3	<10	<5.0	NA	NA	0.658	PCBs/RCRA 8 Metals BRL
	12/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	0.199	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.4	<10	<5.0	NA	NA	0.252	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	24.8	7.2	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<10	<5.0	NA	NA	0.110	
MW-111	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-112	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	6.4	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	7.5	<5.0	<5.0	<5.0	15.2	34.8	20.5	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
MW-113D	04/27/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.081	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.3	<10	<5.0	NA	NA	0.193	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<10	<5.0	NA	NA	<0.080	
MW-113S	04/27/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.081	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.9	<10	<5.0	NA	NA	0.170	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<10	<5.0	NA	NA	<0.080	
MW-114	04/27/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.081	PCBs were BRL
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.4	<10	<5.0	NA	NA	0.173	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	NA	<0.082	
	12/07/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<10	<5.0	NA	NA	<0.080	

Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Well ID	Date	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	Naph-thalene	n-Propyl-benzene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naph-thalene**	Chromium	Lead	Iron	Dissolved Iron	ETPH (mg/L)	Comments
GA/GAA GPC		**61**	**61**	**30**	**280**	**61**	**350**	**350**	**280**	**100**	**15**	**~**	**~**	**0.1**	
SWPC		**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**13**	**~**	**~**	**~**	
OS-1	04/28/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
OS-2	04/28/2009	<5.0	<5.0	<5.0	19.6	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	06/17/2009	<5.0	<5.0	<5.0	5.5	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	09/23/2009	<5.0	<5.0	<5.0	12.2	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	12/04/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
TPW-1	02/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	
	03/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08
TPW-B	01/07/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	03/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08
TPW-E	01/07/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	03/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08
TPW-F	01/07/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not gauged or sampled
	03/01/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Tank pad well destroyed - 03/08

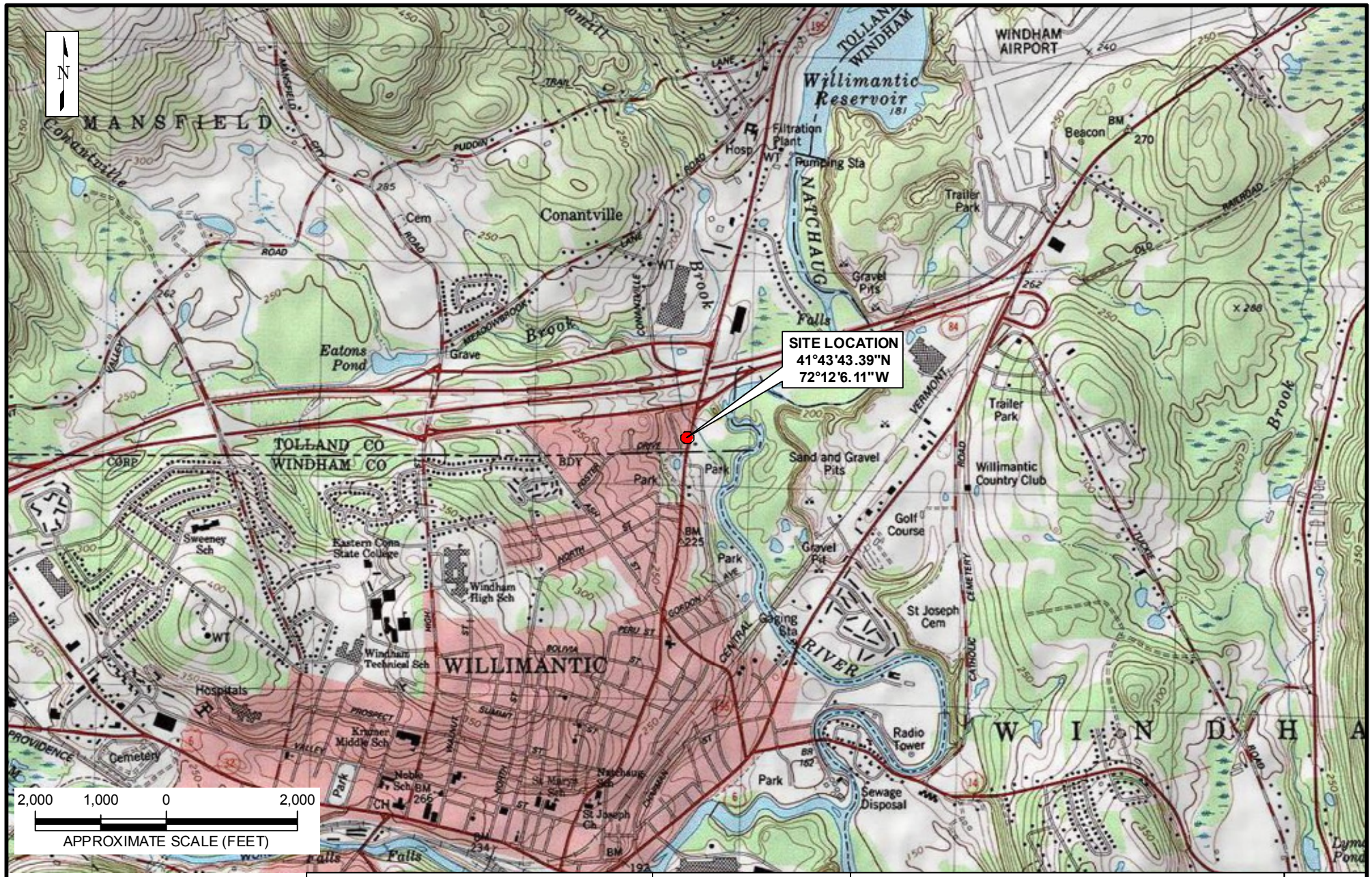
Table 4 (Continued)

HISTORICAL ADDITIONAL GROUNDWATER MONITORING DATA

Former Mobil Service Station No. 01-G1P
7 Storrs Road
Willimantic, Connecticut
January 7, 2008 through December 7, 2009

Notes:

* - includes only those compounds that were detected
** - Reported as semi-volatile organic compound
~ - No standard exists for compound in this classification.
< - less than
<1.0 - Not detected at or above the laboratory reporting limit shown
µg/L - micrograms/liter
AVOCs - aromatic volatile organic compounds
BRL - Below laboratory reporting limits
ETPH - extractable total petroleum hyrdocarbons
GA/GAA GPC - GA/GAA Groundwater Protection Criteria
mg/L - milligram per liter
MTBE - methyl tertiary-butyl ether
NA - Not analyzed
NS - Not sampled
PCBs - polychlorinated biphenyls
RCRA - Resource Conservation and Recovery Act
Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)
SWPC - Surface Water Protection Criteria
All results presented in µg/L unless otherwise noted



SOURCE:
USGS 7.5' TOPOGRPAHIC MAP, WILLIMANTIC, CONNECTICUT QUADRANGLE

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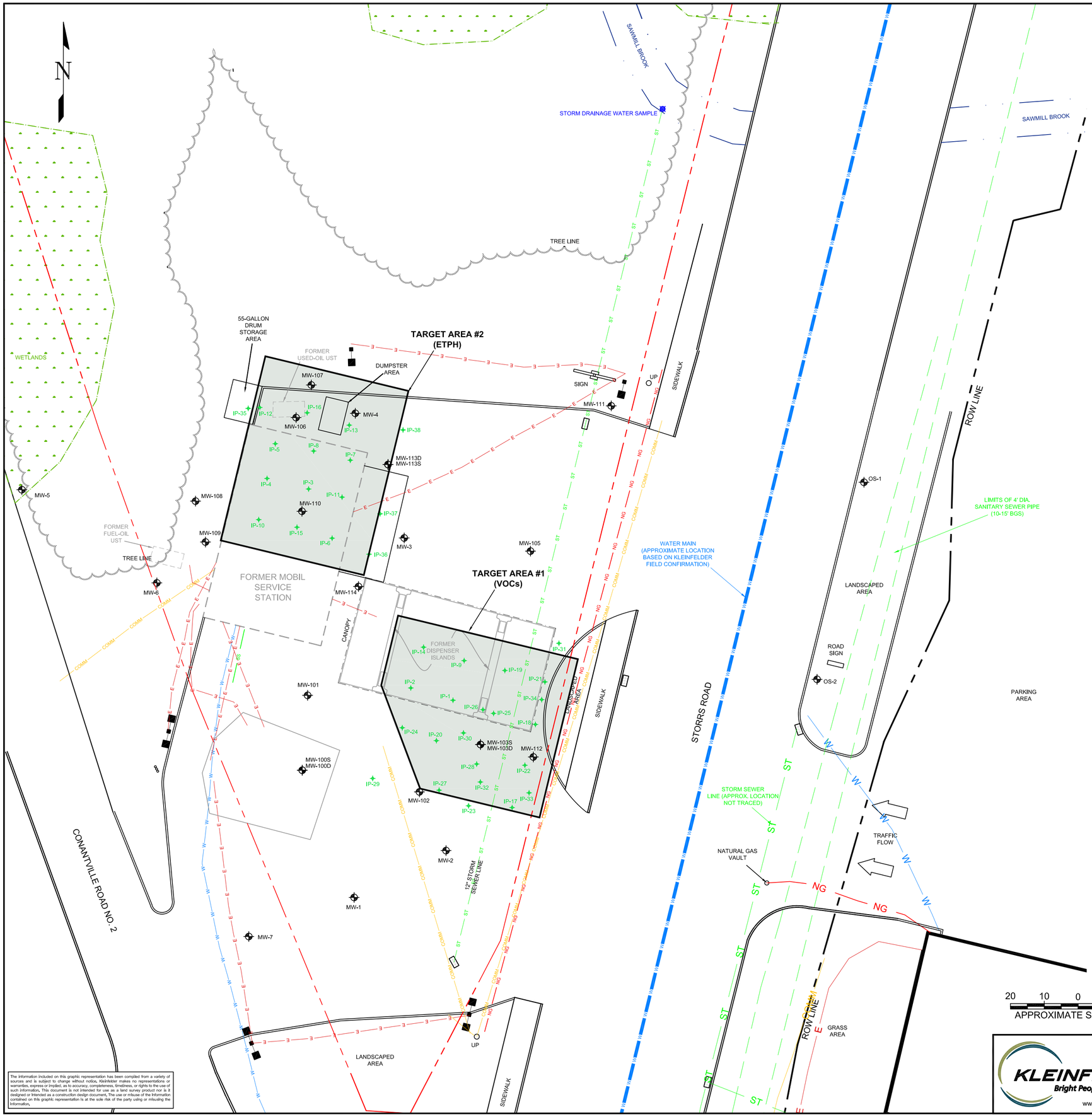
PROJECT NO.	01-G1P
DRAWN:	12/09/10
DRAWN BY:	CTH
CHECKED BY:	
FILE NAME:	01G1PLOCUS.MXD

SITE LOCUS

FORMER MOBIL SERVICE STATION NO. 01-G1P
7 STORRS ROAD
WILLIMANTIC, CONNECTICUT

PLATE:

1



LEGEND

	MONITORING WELL
	INJECTION POINT LOCATION
	PROPERTY BOUNDARY
	CATCH BASIN
	AREA LIGHT
UP	UTILITY POLE
MH	MANHOLE
E	ELECTRIC LINE
SS	SANITARY SEWER LINE
ST	STORM SEWER LINE
OH	OVERHEAD UTILITY LINE
COMM	COMMUNICATION LINE
W	WATER LINE
NG	NATURAL GAS LINE
UST	UNDERGROUND STORAGE TANK
CT DEP	CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION
VOCs	VOLATILE ORGANIC COMPOUNDS
ETPH	EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS

NOTES:

1. THIS MAP WAS PREPARED FROM RECORD RESEARCH, OTHER MAPS, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSTRUED AS A PROPERTY/BOUNDARY OR LIMITED PROPERTY/ BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE.
2. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE BASED ON REMOTE SENSING RESULTS ONLY. CONTRACTORS MAY WANT TO INDEPENDENTLY VERIFY UNDERGROUND UTILITY LOCATIONS PRIOR TO BEGINNING ANY SUBSURFACE WORK. THIS PLAN IS NOT A CONSTRUCTION RECORD DRAWING.

SOURCE:

1. KLEINFELDER TOTAL STATION SURVEYS DATED 04-28-07, 09-26-07, 09-15-08, 04-21-09 AND 09-10-10.
2. TOWN OF MANSFIELD, CONNECTICUT PLAN OF CONSERVATION DEVELPMENT MAP (APRIL 2006).

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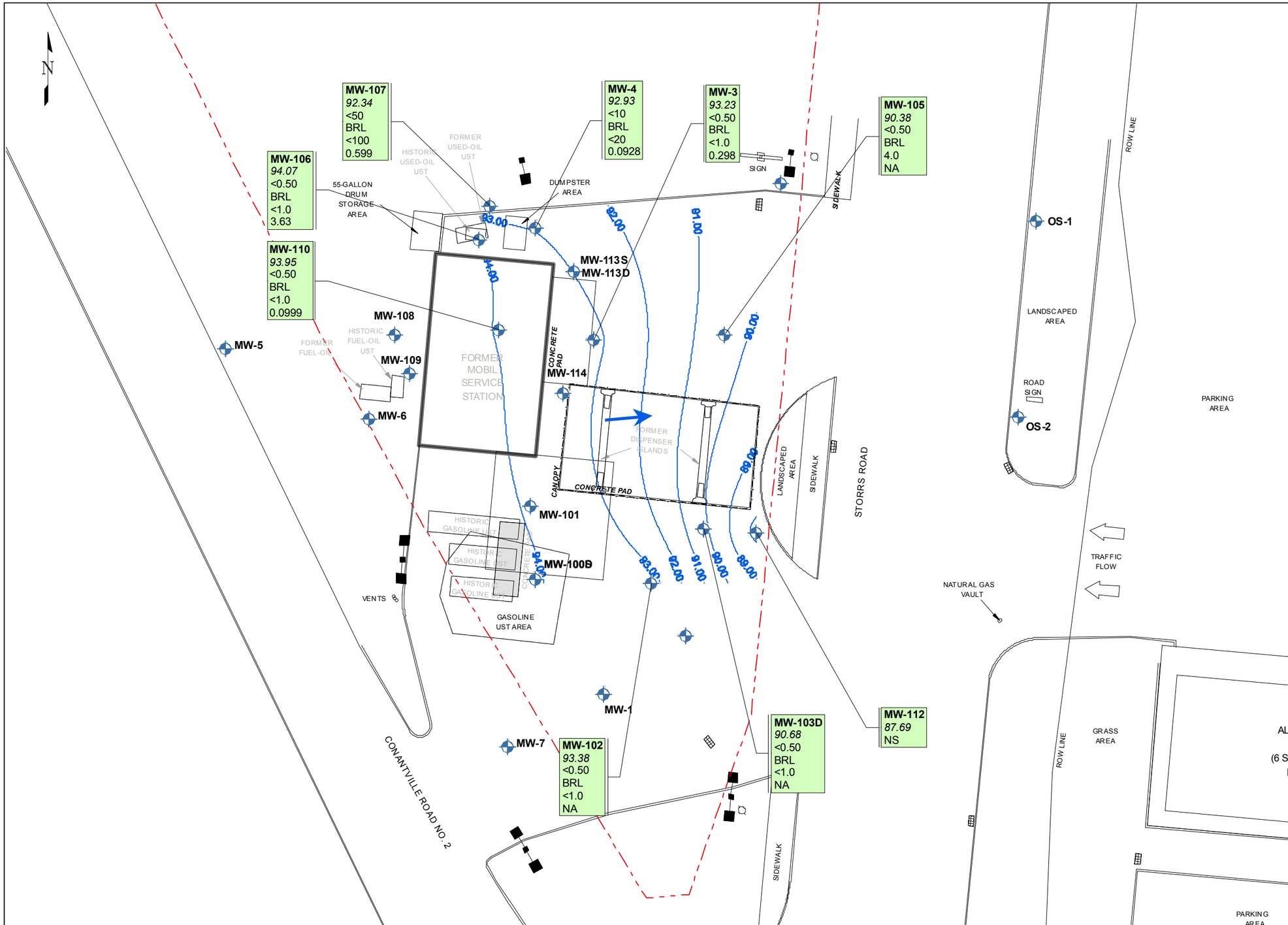
PROJECT NO.	01G1P
DRAWN:	11/15/10
DRAWN BY:	CTH
CHECKED BY:	
FILE NAME:	01G1PPTNOV10.dwg

SITE FEATURES AND INJECTION POINT LOCATIONS

FORMER MOBIL SERVICE STATION NO. 01-G1P
7 STORRS ROAD
WILLIMANTIC, CONNECTICUT

PLATE **2**



LEGEND

- MONITORING WELL
- APPARENT GROUNDWATER FLOW DIRECTION
- GROUNDWATER CONTOUR (feet)
- MW-110 / 93.95 / <0.50 / BRL / <1.0 / 0.0999 — WELL IDENTIFICATION; WATER TABLE ELEVATION (feet); BENZENE CONCENTRATION (µg/L); TOTAL BTEX CONCENTRATION (µg/L); MTBE CONCENTRATION (µg/L); ETPH CONCENTRATION (mg/L)
- PROPERTY BOUNDARY
- BRL — BELOW LABORATORY REPORTING LIMITS
- µg/L — MICROGRAMS PER LITER
- mg/L — MILLIRAMS PER LITER
- CATCH BASIN
- AREA LIGHT
- UTILITY POLE
- UST — UNDERGROUND STORAGE TANK

NOTES:
1. GROUNDWATER SAMPLES COLLECTED ON OCTOBER 5, 2010 BY KLEINFELDER.
2. DEEP MONITORING WELLS NOT INCLUDED IN GROUNDWATER CONTOURS.
3. DATA BOXES NOT DEPICTED FOR WELLS THAT WERE NOT GAUGED OR SAMPLED.

SOURCE:
CONNECTICUT GIS DATASETS AND KLEINFELDER TOTAL STATION SURVEYS DATED 04-28-07, 09-26-07 AND 09-15-08.

30 15 0 30
APPROXIMATE SCALE (FEET)

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PROJECT NO.	01-G1P
DRAWN:	12/06/10
DRAWN BY:	CTH
CHECKED BY:	
FILE NAME:	01G1PPTNOV10.MXD

GROUNDWATER CONDITIONS AND CONTOUR MAP

FORMER MOBIL SERVICE STATION NO. 01-G1P
7 STORRS ROAD
WILLIMANTIC, CONNECTICUT

PLATE
3

Certified Mail Return Receipt
#91 7108 2133 3934 5227 3775

TOWN OF MANSFIELD
INLAND WETLAND AGENCY

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILL ROAD
STORRS, CT 06268
(860) 429-3330

Tuesday, August 03, 2010

Kleinfelder
Attn: John Liddon
99 Lamberton Road, Suite 201
Windsor, CT 06095

Re: Mansfield's IWA Modification Approval
IWA file #1441

Dear Mr. Liddon,

At a meeting held on 8/2/10, the Mansfield Inland Wetlands Agency adopted the following motion:

"To approve modifications to an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to John Liddon of Kleinfelder (file # W1441) for modifications to approval of permit W1441 previously issued to John Liddon of Kleinfelder for investigation of wetlands surface water and sediment sampling, on property owned by Eugene S. Mittelman, located at 7 Storrs Road, as shown on a map dated 12/14/09 and as described in other application submissions.

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. The conditions of the previous approval are to remain in effect;
2. A report of the pilot study, as sent to the CT DEP, shall also be sent to the Mansfield IWA in a timely fashion.

This approval is valid for a period of five years (until 4/3/2016), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comment".

If you have any questions regarding this action, please call the Planning Office at 429-3330.

This letter constitutes your license.

Very truly yours,

Katherine K. Holt, Secretary
Mansfield Inland Wetlands Agency

Cc: Eugene S. Mittelman

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

TEMPORARY AUTHORIZATION

I. Pursuant to section 22a-6k(b) of the Connecticut General Statutes (CGS), a Temporary Authorization ("Authorization") is hereby issued to:

ExxonMobil Oil Corporation
464 Doughty Blvd.
Inwood, NY 11096

to initiate, create, originate or maintain a discharge to the waters of the state, specifically to ground water in the Natchaug River Watershed at:

Former Mobil Service Station
7 Storrs Road
Mansfield, CT

II. This Authorization specifically allows the Discharger to inject a solution of sodium percarbonate, sodium carbonate, sodium silicate, silica gel, ferrous sulfate and calcium oxy-hydroxide at approved locations at locations specified in the application into saturated soils overlying fractured bedrock to perform a pilot test and, if appropriate, perform a full scale operation to chemically enhance degradation and to enhance the bioremediation of pollutants associated with a petroleum release.

III. This Authorization shall become effective 24 hours after the Department is notified in writing of the anticipated commencement of the authorized injection or emplacement and shall expire: 1) thirty days after that effective date; 2) when the requirements for coverage under a general permit issued pursuant to CGS section 22a-430b have been satisfied; 3) upon issuance of an individual permit pursuant to CGS 22a-430 as amended; or 4) immediately upon notification of a tentative determination to deny a permit; **whichever is sooner**.

IV. The fee of $1500.00 has been submitted with the application.

V. This Authorization has been issued based on the following submittal:

Application for Temporary Discharge Authorization received on March 1, 2010.

VI. A. **DEFINITIONS**

1) The definitions of terms used in this Authorization shall be the same as the definitions contained in CGS section 22a-423, and section 22a-430-3(a) of the Regulations of Connecticut State Agencies.

2) In addition to the above, the following definitions shall apply to this Authorization:

(a) "Discharge" shall include the subsurface injection or emplacement of solids or slurries that may release chemicals to the waters of the state.

(b) "Discharger" includes the applicant named in Paragraph I. of this Authorization and any operator actually implementing the Discharge. Specifically: Any person who, or municipality which initiates, creates, originates, or maintains a discharge for which an Authorization is issued must comply with that Authorization. If the source or activity generating the discharge for which an Authorization is issued is owned by one person or municipality but is leased or in some other way the legal responsibility of another person or municipality (the discharger), the Discharger is responsible for compliance with any Authorization issued by the Commissioner.

B. **SPECIAL CONDITIONS**

1) The following conditions shall be complied with at all times:

(a) The injection shall be conducted in accordance with procedures and protocols presented in the document from Paragraph V, Sections C. and D., and shall be limited to the specific locations identified.

(b) The material shall be installed to insure that to the extent possible they will have contact with groundwater in sufficient quantity to stimulate its dispersal through the contaminated zone.

(c) The discharge shall be limited to the dates specified in Paragraph III of this permit, within the area specified in the document with work plan listed in Paragraph V, Section C.

(d) The discharge shall not begin until all recoverable non-aqueous phase pollution has been removed from the area to be treated.

(e) All proposed monitoring wells shall be installed prior to injection, and a minimum of 48 hours prior to pre-injection sampling.

(f) Within 14 days of becoming aware that volatile organics have become mobile as a result of activities authorized herein, the discharger shall submit to DEP a plan detailing an expanded monitoring program, including additional sampling of private water supply wells as appropriate and a plan detailing measures to be implemented to mitigate such mobilization. Such plan and measures shall be implemented within 30 days of receipt of approval or authorization from the DEP.

(g) DEP shall be notified within 48 hours of becoming aware of any substantial increase in oxidation reduction potential (greater than 50% over baseline monitoring) at any of the monitoring wells included in the monitoring program.

2) Monitoring shall be conducted in accordance with monitoring plan submitted in

the Application for Temporary Authorization dated February 2010..

3) Submittals to DEP shall be as follows:

(a) A detailed report of all associated site activities shall be submitted within 90 days of the effective date of this Authorization.

(b) Within two weeks of sampling, monitoring reports and field logs shall be submitted to DEP.

(c) Unless otherwise stated in this Authorization, documents required to be submitted to DEP shall be addressed to:

Michael Senyk, Environmental Analyst
Bureau of Water Protection and Land Reuse
Remediation Division
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5027

(d) When required, immediate notification to DEP shall be to:

Michael Senyk, Environmental Analyst
Phone Number: 860-424-3782
Telefax Number: 860-424-4057

C. **STANDARD CONDITIONS**

1) All sampling and analyses required by this Authorization shall, unless otherwise specified in this Authorization, comply with the following requirements:

(a) All samples collected to monitor groundwater impacts shall be grab samples. All samples shall be composed solely of groundwater representative of the discharge during standard operating conditions.

(b) Any monitoring required under this Authorization for temperature, dissolved oxygen, dissolved carbon dioxide, pH, conductivity, and oxidation-reduction potential shall be conducted in the field using field test kits or electronic probes as appropriate.

(c) The Bureau of Water Protection and Land Reuse must be notified immediately if field monitoring required by this Authorization is not conducted.

(d) Laboratory analyses, and the reporting of such analyses, shall be conducted by a laboratory certified by the Connecticut Department of Public Health. Analyses shall be performed using methods, approved in accordance with 40 CFR 136, which are capable of achieving limits of detection below any level established as an effluent limitation in this Authorization.

2) Discharger shall comply with the following conditions while conducting activities under this Authorization:

(a) If authorized activities create a potential for pollution due to the erosion of soil, erosion and sediment control measures shall be installed and maintained in compliance with the standards set forth in the "2002 Connecticut Guidelines for Soil Erosion and Sediment Control" as revised, established pursuant to section 22a-328 of the Connecticut General Statutes.

(b) Best management practices shall be implemented to ensure that no litter, debris, building materials or similar materials are discharged to the waters of the state or to the ground.

3) For consistency with Federal Resource Conservation and Recovery Act: Solid waste, including but not limited to contaminated soils or sludges, may be generated as a result of the activity allowed by this Authorization. All waste generated must be disposed of in accordance with applicable federal, state and local law. Some or all of these wastes may be hazardous waste identified in accordance with Section 3001 of the Federal Resource Conservation and Recovery Act of 1976 (42 USC 6901 et seq.) or other wastes of special concern requiring Department approval prior to disposal. It is the responsibility of the authorized person or municipality to ensure that all wastes generated are properly identified and that all necessary Department approvals are secured prior to disposal of the wastes. For further information regarding solid waste management, please contact the Waste Engineering and Enforcement Division of the Department of Environmental Protection at (860) 424-3023.

4) No provision of this Authorization and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the actions taken by the discharger pursuant to this Authorization will achieve remediation goals, result in compliance, or prevent or abate pollution.

D. GENERAL PROVISIONS

1) This Authorization shall be non-transferrable.

2) The Discharger shall comply with the following Regulations of Connecticut State Agencies, which are hereby incorporated into this Authorization as if fully set herein:

Section 22a-430-3
Subsection (b) General
- subparagraph (1)(D) and subdivisions (2), (3), (4) and (5)
Subsection (c) Inspection and entry
Subsection (d) Effect of a permit
- subdivisions (1) and (4)

Subsection (e) Duty to comply
Subsection (f) Proper operation and maintenance
Subsection (g) Sludge disposal
Subsection (h) Duty to Mitigate
Subsection (i) Facility modifications; Notification
- subdivisions (1) and (4)
Subsection (j) Monitoring, records and reporting requirements
- subdivisions (1), (6), (7), (8), (9), and (11)
(except subparagraphs (9)(A)(2), and (9)(C))
Subsection (k) Bypass
Subsection (m) Effluent limitation violations
Subsection (n) Enforcement
Subsection (o) Resource Conservation
Subsection (p) Spill Prevention and Control
Subsection (q) Instrumentation, Alarms, Flow Recorders
Subsection (r) Equalization

Section 22a-430-4
Subsection (p) Permit revocation, denial or modification
Subsection (t) Discharges to POTWs - Prohibitions
Appendices

3) This Authorization is for the discharge of (a) pollutants in quantities and concentrations as specified in this Authorization; and (b) any substances resulting from the processes or activities described in this Authorization in concentrations and quantities which the Commissioner determines cannot reasonably be expected to cause pollution. Discharge of any substance which is not from the processes or activities described in this Authorization shall be considered a violation of this Authorization unless it is authorized by an individual permit issued under Section 22a-430 of the CGS or a general permit issued under section 22a-430b of the CGS. However, the Commissioner may seek an injunction or issue an order to prevent or abate pollution, and may seek criminal penalties against a person who willfully or with criminal negligence causes or threatens pollution.

4) Within fifteen days after the date the Discharger becomes aware of a change in any information submitted to the Commissioner under this Authorization, or that any such information was inaccurate or misleading or that any relevant information was omitted, the Discharger shall submit the correct or omitted information in writing to the Commissioner.

5) Nothing in this Authorization shall relieve the Discharger of other obligations under applicable federal, state and local law.

6) Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this Authorization by the Discharger shall be signed by the Discharger and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for

obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense.

7) Any false statement in any information submitted pursuant to this Authorization may be punishable as a criminal offense under section 22a-438 of the CGS or, in accordance with section 22a-6, under Section 53a-157b of the CGS.

8) The Commissioner reserves the right to make appropriate revisions to this Authorization in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be necessary to adequately protect human health and the environment.

9) The Commissioner may order summary suspension of this Authorization in accordance with section 4-182 of the CGS.

Entered as a Temporary Authorization of the Commissioner of Environmental Protection.

6/17/10
Date

Betsey Wingfield
Bureau Chief

Authorization No. TA-179

Post-It® Fax Note 7671	Date 7-6-10	# of pages ▶ 6
To Eric Henry	From Bill Warzecha	
Co./Dept.	Co. DEP	
Phone #	Phone # 424-3705	
Fax #	Fax #	

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/23/10

Oracle Number: 108302

Site Name: Mobil Willimantic

Site Location: 7 Storrs Rd, Willimantic CT

Client ID: 0161P

Arrival Time: 07:00

Departure Time: ____:____

Weather: Cloudy Shower 68°f

Task: Pilot Test

Name of Note Taker: Robert, Madore

Other Personnel on Site: John Liddon, Glacier (John, Mike)

Applicable Procedures, SOPs, Guidance Documents: Modified Well Gauge and Sample

Applicable JSAs: Modified Well gauge and Sample

Notes (include equipment calibration as applicable): Site is a vacant lot, review HASP, review JHA, complete daily sign in sheet, see data sheets for screening information, secure site.
- 730 JL arrives on-site, signs daily sign-in sheet

Signature: J Liddon

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions

Date: 8/23/10

Oracle Number: 108302

Notes: 0745 Warm up PID Mini Rae 2000 SN# 110-002886, Lamp 10.6, response factor 1.0

0755 Calibrate PID, calibrate ~~fresh air on~~ BM Zeropoint on fresh air, reads 0.0 on fresh air, Calibrate span on isobutylene, reads 99.8ppm on Isobutylene after calibration, on 100ppm Isobutylene.

YSI Model 600XLM Sonde# 99K1014AA, 650 MDS SN# 02102278AC, set up report to read Temp °C, Sp Cond us/cm, DO mg/L, PH, ORP mv.
0806 Eric Henery onsite.

YSI calibrate at US Enviromental 8-19-10 by DA, see Calibration report.

Landtec GA-90 SN# 61166, calibrated US Enviromental JB on 8-20-10, see Calibration Report.

0830 Conduct Health and Safety meeting.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/23/10

Oracle Number: 108302

Notes:

- 845 Eric Henry and John of Glacier work out lift dosages and product mixture batchs for ORC and Regenox.
- 910 Glacier sets up at first injection location and begins preparing batchs of product. (IP-1)

1010 Injection begins (IP-1), RM begins collecting data ORC advanced slurry injected into 12'-13' interval.

- 1020- Glacier mixes Regenox, too much product used, NLI reported by EH to Dan Hunter of Kleinfelder, mistake mixture set aside, mix correct product/water mixture and begin alternating ORC and Regenox in 1-foot lifts in IP-1.

1300 Eric Henery call Hack Kit company, disscusses Hydrogen Peroxide test, Hack representive says most likeley having interferance from constiuances in ground water, Eric say to modify titration end point from yellow to green

- 1345 JL and Glacier break for lunch
- 1430 Glacier sets up on the second injection point (IP-2) and advances probe to 13' and begin pilot test

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/23/10

Oracle Number: 108302

Notes: -1450 begin ORC injection, during injection of ORC at 13' ~~begin~~ JL bgs in location IP-2, ORC slurry immediately pose to the surface, wait for slurry to subside, slurry did not subside after 10 min, ~~Glacier will move on to IP-3.~~ JL, Glacier advaces rods to 14' bgs then pulls up a foot, restart ORC injection, location is taking slurry.

~~1645~~ BM 1545 BM departs for Home Depot

-1600 At IP-2 ORC/Regenox slurry begins rising to the surface during the 6' injection interval, location will not accept any more slurry

1615 BM Back onsite, secure water tank trailer.

1645 BM Departs

-1700 JL and Glacier secure and depart

Signature:

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions

Date: 8 / 24 / 10

Oracle Number: 108302

Site Name: 01-GIP KOM

Site Location: 7 Storrs Rd. Willimantic

Client ID: 01-GIP

Arrival Time: 7 : 30

Departure Time: ____ : ____

Weather: 65°F Overcast

Task: Pilot test oversight and soil vapor/gw monitoring

Name of Note Taker: John Liddon / Robert Madore

Other Personnel on Site: Robert Madore Jr, Glacier (John/Mike)

Applicable Procedures, SOPs, Guidance Documents:

Applicable JSAs: General site activities, Modified GWS JLA, Geoprobe use and tremie pump use.

Notes (include equipment calibration as applicable): Site is a non operating gas station, Glacier Drilling and BM onsite

- 815 JL conducts Health and safety meeting discussing SOW, HASP completing daily sign-in sheet and reviewing JLAs.
- 830 Glacier begins setting up on an injection point inside service bay area (IP-3)

Signature: J Liddon

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 24 / 10

Oracle Number: 108302

Notes: Calibrate YSI Model 600XLM Sonde SN# 99K1014AA, Display SN# 02L0278AC, Calibrate conductivity, 1,000 us/cm standard, reads 1146 sp cond on standard, Calibrate DO on atmosphere, DO Sat, reads 9.18 mg/L on atmosphere after Cal., Calibrate Ph 3point, 4 first point, reads 4.00 after calibration, 7 second point, reads 7.00 after calibration, third point 10., reads 10.0 after calibration, calibrate orp 109.1 standard, after cal reads 109.1

Warm up PID Mini Rae 2000 SN#

Calibrate PID fresh air for Zero Point, reads 0.0 after calibration, Span cal Isobutylene 100ppm, reads 101 ppm after calibration

Landtec SN# G1166 bump test reads on cal standard CH4 46.3% CO2 31.4% standard CH4 50% CO2 35%
O2 reading on atmosphere 20.6%
0920 calibration and checks completed

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/24/10

Oracle Number: 108307

Notes: -900 Geoprobe used 54LT with a 4' stroke for locations (9 locations) inside building

0930 BM begins Readings, see data sheets for ~~SS~~ BM screening data.

(late entry) 925 advance rods to 13' bgs, retract to 12' bgs and begin mixing slurry and injecting at IP-3, mixture used:
20lbs of Regenox (Part A and B)/30 gals of water per foot
4.5lbs of ORC Advanced/3 gals of water per foot

-1020 JL begins conducting LPO on hydrogen Peroxide/dissolved carbon dioxide tritrations.

-1115 formation will not accept oxidants/slurry above 6' bgs in location IP-3, Glacier moves on to set up on IP-4

-1130 Break for lunch

-1215 Glacier begins advancing and injecting at IP-4

-1230 Update Eric Henry on locations that did not accept oxidants above 6' bgs, he says to note which locations these are and to return to them at a later date, to complete.

-1440 IP-4 completed to 6' bgs, Glacier moves to IP-5

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 24 / 10

Oracle Number: 108302

Notes: 1500 - Begin injecting at IP-5, completed from 13'-10', shallower than 10' location will not accept slurry, slurry comes up out of hole, leave rods in hole to keep location open for a second attempt of injection tomorrow.

1600 BM Departs

- 1645 JL and Glacier secure and depart

Signature:

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/25/10

Oracle Number: 108302

Site Name: Xom Willimantic

Site Location: 7 Storrs Rd Willimantic, CT

Client ID: OI-GIP

Arrival Time: 7:45

Departure Time: ___:___

Weather: 65°F light rain

Task: Pilot Test

Name of Note Taker: John Liddon/Robert Madore

Other Personnel on Site: Glacier (John, Mike)

Applicable Procedures, SOPs, Guidance Documents: Regenesis recommended application instructions

Applicable JSAs: General Site activities, Modified gw sampling, geoprobe use, tremie pump use.

Notes (include equipment calibration as applicable):

- 745 Glacier arrives on-site, start gw monitoring data tables, complete daily sign-in sheet, delineate work area
- 815 JL conducts Health and Safety tailgate meeting discussing HASP, reviewing JLA's and changing site conditions.

Signature: [signature]

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/25/10

Oracle Number: 10802

Notes: Calibrate YSI 600XLM Sonde ser# 99K104AA, Controller ser# 99K1014AA, Calibrate Conductivity, after calibration reads on 1000 us/cm standard, 1142 us/cm specific conductivity on standard, Calibrate DO on atmospere, after Calibration reads 9.14 mg/L on Atmosphere, Calibrate PH 3 point, first point 4, after calibration read 4.00 on 4 standard, calibrate 2nd point pH 7, read 7.00 pH on 7 Standard, calibrate 3rd point, 10 pH Standard, reads 10.00 on 10 standard after calibration, calibrate ORP use 109.1 standard, after calibration reads 108.9 mv on 109.1 standard, calibration Complete

Warm up PID Mini Rae 2000 SN# 110-010569, 10.6 lamp, response 100%, Calibrate 0 point on fresh air, reads 0.0 on fresh air, Span call Isobutelene 100 ppm standard, read 108 on 100 ppm Isobutelene after calibration ~~reads 108 ppm on Isobutelene~~ calibration complete

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/25/10

Oracle Number: 108302

Notes: Warm up Lantech 2000 SN# G1166, Bump test reads O_2 20.6% on Fresh air, reads on 50% methane, 35% Carbon Dioxide Standard, reads on Standard: CH_4 47.8%, CO^2 32.1% O_2 00.0%

0920 Calibration Completed, BM begins screening.

1020

~~0921~~ Eric Henry call ask for catch baisns to be screened for air parameters, catch baisn Id as CBN for North baisn, CBS for South basin.

1510 Update Dan Hunter

1530 Robert Madore Departs

Signature:

Page 3 of 5

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 25 / 10

Oracle Number: 108302

Notes: -835 Glacier sets up on location IP-5, to continue location, location complete to 10', restart application.

-1015 IP-5 complete from 13'-3' with Regenox and from 13'-5' with ORC advanced, Glacier sets up on IP-6, advance rods and begin injections.

-1115 During the 9' interval application at location IP-6, the Regenox slurry begins rising to the surface through the South hydraulic lift excavation surrounding MW-110, MW-110 will be removed from the gw monitoring program during injections in the station building.

-1130 IP-6 completed from 13'-8' bgs, Glacier sets up on IP-7

-1145 Break for lunch

-1215 begin advancing rods at IP-7 and begin injections, slurry begins coming out of MW-113's sandbox, stop injection after 25 gals to the 12'-13' interval (1st interval), update Dan Hunter of Kleinfelder, he says to move to another location in the building, if a similar problem occurs then move to target area beneath canopy.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 25 / 10

Oracle Number: 108302

Notes: -1310 Glacier sets up on IP-8, advance rods and begin injecting

All intervals for locations completed today were injected at approx. 200psi

-1355 At the completion of the 10'-11' interval in location IP-8 slurry begins rising to the ground surface in the northern hydraulic lift excavation, stop injections and move to IP-9

-1405 Advance rods at IP-9 and begin injections.

-1520 Carl of Charter Oak Environmental arrives on-site, takes a couple of photos and departs at 1530, BJM departs.

-1545 Update DH of KLF on progress, completed IP-9 from 13'-6' and 15 gallons of Regenox at the 6'-5' interval.

-1615 JL and Glacier secure and depart.

Signature: [signature]

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/26/10

Oracle Number: 108302

Site Name: YOM Willimantic

Site Location: 7 Storrs Rd. Willimantic, CT

Client ID: 01-GIP

Arrival Time: 7:00

Departure Time: ____:____

Weather: 65°F Partly Cloudy

Task: Pilot test oversight

Name of Note Taker: John Liddon

Other Personnel on Site: Glacier (Mike, John)

Applicable Procedures, SOPs, Guidance Documents: Regenesis chem-ox instructions.

Applicable JSAs: General site activities, Geoprobe use, tremie pump use.

Notes (include equipment calibration as applicable):

- 700 Glacier arrives on-site, JL delineates work area, complete daily sign-in sheet, JL conducts health and safety tailgate meeting reviewing LPSAs, JLAs and HASP.
- 730 Glacier sets up on IP-10, advance rods to 13' JL pull back to 12' and begin ORC/Regenox injections. at approx. 200psi

Signature: J Liddon

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 26 / 10

Oracle Number: 108302

Notes: IP-10:

13'-12' 3.5 gals of ORC / 30 gals of Regenox
12'-11' 3.5 gals of ORC / 30 gals of Regenox
lost seal on borehole, slurry came up out of IP-10 location
seal with bentonite

-830 Glacier sets up on IP-11, advance rods to 13', pull back to 12' and begin injecting ORC/Regenox at approx. 200 psi

IP-11:
13'-12' 3.5 gals of ORC / 30 gals of Regenox
12'-11' 3.5 gals of ORC / 30 gals of Regenox
11'-10' 3.5 gals of ORC / 30 gals of Regenox
Slurry comes up out of southern hydraulic lift excavation
stop injection.

-940 Glacier sets up on IP-12, advance rods to 13', pull back to 12' and begin injecting ORC/Regenox at approx. 200 psi

IP-12:
13'-12' 3.5 gals of ORC then seal lost slurry comes up to surface in IP-12

- offset IP-12 1' South retry IP-12

IP-12:
13'-12' 3.5 gals of ORC, 30 gals Regenox
12'-11' 3.5 gals of ORC, 30 gals Regenox

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 26 / 10

Oracle Number: 108302

Notes: IP-12 (continued):

11'-10' 3.5 gals ORC / 30 gals Regenox

10'-9' 3.5 gals ORC / 30 gals Regenox

9'-8' ~~lost~~ JC Slurry rises to surface in Used-oil excavation, stop injections

-1120 Glacier sets up on IP-13, advance rods to 13', pull back to 12' begin injecting ORC/Regenox at approx. 200 psi

IP-13:

13'-12' 3.5 gals ORC / 30 gals Regenox

12'-11' 3.5 gals ORC / 30 gals Regenox

11'-10' 3.5 gals ORC / 30 gals Regenox

10'-9' 3.5 gals ORC / 30 gals Regenox

9'-8' 3.5 gals ORC / 30 gals Regenox

8'-7' 3.5 gals ORC / 30 gals Regenox

7'-6' 3.5 gals ORC / 30 gals Regenox

- lost seal slurry begins coming back up borehole

-1400 Glacier sets up on IP-14, advance rods to 12' (Geoprobe refusal) pull back to 11' begin injecting ORC/Regenox at approx. 200 psi

IP-14:

12'-11' 3.5 gals ORC / 30 gals Regenox

11'-10' 3.5 gals ORC / 30 gals Regenox

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 26 / 10

Oracle Number: 108302

Notes: IP-14 (Continued):

10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox
6'-5' lost seal slurry comes back up bore hole.
Stop injection:

- 1630 JL and Glacier secure, and depart

Signature:

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 27 / 10

Oracle Number: 108302

Site Name: XOM Willimantic

Site Location: 7 Storrs Rd Willimantic CT

Client ID: 01-GIP

Arrival Time: 7 : 00

Departure Time: ____ : ____

Weather: 60°F Sunny

Task: Pilot test Chem-ox injections

Name of Note Taker: John Liddon

Other Personnel on Site: Dan Hunter, Glacier (Mike, John)

Applicable Procedures, SOPs, Guidance Documents: Regenesis application instructions

Applicable JSAs: General Site activities, Geoprobe use, tremie pump use.

Notes (include equipment calibration as applicable):

- 700 Complete daily sign-in sheet and delineate work area
- 710 Glacier arrives on-site, JL conducts health and safety tailgate meeting discussing housekeeping, broken glass hazards JLAs and HASP
- 745 Glacier begins setting up on IP-15 and setting up mixing station

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/27/10

Oracle Number: 108302

Notes:

-800 clear work area of debris, set up geoprobe on IP-15, ~~advance to~~ (SI) an overhead obstruction causes Glacier to move IP-15 6" to the north, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox at approx. 200 psi

IP-15:

13'-12' 3.5 gals ORC / 30 gals Regenox
12'-11' 3.5 gals ORC / 30 gals Regenox
Slurry begins coming out of southern hydraulic lift excavation, stop injections.

-850 Glacier sets up on IP-8, previously treated to 10' bgs, advance rods to 10', pull back to 9' and begin injecting ORC/Regenox at approx. 200 psi

IP-8:

10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox
Slurry begins coming to the surface at the seam in concrete at the intersection of the floor and building wall.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 27 / 10

Oracle Number: 108302

Notes: -945 Dan Hunter departs.

-950 Glacier sets up on IP-7 previously treated to 12' bgs, advance rods to 12' bgs and pull back to 11' bgs and begin injecting ORC/Regenox at approx 200 psi

IP-7:

12'-11' 3.5 gals ORC / 15 gals Regenox

Slurry comes to the ground surface through MW-113's roadbox, stop injecting.

-1025 Glacier sets up on IP-10, previously treated to 11' bgs, advance rods to 11', pull back to 10', begin injecting ORC/Regenox

IP-10:

11'-10' 3.5 gals ORC / 0 Regenox

Slurry comes to the surface in borehole, stop injection.

-1045 Glacier sets up on IP-16, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-16:

13'-12' 3.5 gals ORC / 30 gals Regenox

12'-11' 3.5 gals ORC / 30 gals Regenox

11'-10' 3.5 gals ORC / 30 gals Regenox

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 27 / 10

Oracle Number: 108302

Notes: IP-16 (Continued):

10'-9' 3.5 gals ORC / 30 gallons Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox
6'-5' 3.5 gals ORC / 30 gals Regenox
5'-4' 3.5 gals ORC / 30 gals Regenox
4'-3' 3.5 gals ORC / 30 gals Regenox.

-X4 (JL)

-1500 JL and Glacier secure and depart

Signature:

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 19 / 10

Oracle Number: _____

Site Name: 01-GIP XOM Willimantic

Site Location: 7 Storrs Rd Willimantic, CT

Client ID: 01-GIP

Arrival Time: 7:30

Departure Time: ___:___

Weather: 70°F Sunny

Task: Concrete coring

Name of Note Taker: John Liddon

Other Personnel on Site: Glacier (Rick, John)

Applicable Procedures, SOPs, Guidance Documents:

Applicable JSAs: General site activities, Concrete coring

Notes (include equipment calibration as applicable):

-730 Glacier is on-site, JL completes daily sign-in sheet and conducts Health and Safety tailgate meeting reviewing JLAs, HASP and SOW, delineate work area

(1) ~~845~~ - 745 JL observes broken window panes in bay door, one window pane is completly broken with most of the glass missing, three other panes have smaller holes and cracks through them, photo document and update Dan Hunter of Kleinfelder.

Signature: J Liddon

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 19 / 10

Oracle Number: _____

Notes: - 845 Glacier begins coring after sweeping glass and other debris from work areas, concrete is approx. 6" thick, 4" core barrel is used.

- 1200 All 9 locations inside of the building have been cored, Glacier breaks for lunch.

- 1230 Glacier begins coring locations in concrete beneath the canopy.

- 1330 Glacier completes the five cores under the canopy

- 1345 Glacier departs.

- 1400 JL installs well seals for vapor screening on ten monitoring wells described in the work plan attached to the Temporary Discharge Authorization (TDA) permit to the CTDEP.

- 1415 JL secure and depart

Signature: [signature]

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 30 / 10

Oracle Number: 108302

Site Name: XOM Willimantic

Site Location: 7 Storrs Rd Willimantic, CT

Client ID: 01-GIP

Arrival Time: 7 : 00

Departure Time: 16 : 45

Weather: 65°F Sunny

Task: Pilot Test Chem-ox injections

Name of Note Taker: John Liddon (JL) / Robert Madore (BJM)

Other Personnel on Site: Glacier (Mike, John)

Applicable Procedures, SOPs, Guidance Documents: Regenesis application instructions

Applicable JSAs: General site activities, Modified GW sampling, Geoprobe use, tremie pump use.

Notes (include equipment calibration as applicable):

- 700 JL begins delineating work area and completing daily sign in sheet.

- 715 Glacier arrives, BJM arrives, JL conducts health and safety tailgate meeting reviewing JLAs and HASP and discussing SOW.

Signature: J Liddon

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 30 / 10

Oracle Number: 10830

Notes: Bump test Landtec GA-90 SN# G1166, reads on atmosphere CH_4 00.0, CO_2 00.0, O_2 20.7, reads on 50% methane, 35 carbon biovide standard: CH_4 48.4%, CO_2 32.9%, O_2 0.0%

0830 Calibration, bump test completed, begin collecting screening data.

MW-106 CO^2 Hack Kit, mid range ~~less~~ BM more than 6 mg/L, High range show less than 5 mg/L. ran test 3 times

MW-4 Same as MW-106 for CO^2

MW-103S sample collect for Hack Kit anilisis appears dark unable to complete visial analisis,

1300 PID malfunction, unable to clear, try cooling down meter, unable to continue measuring with PID

1330 Update Eric Henry ~~up~~ BM

Signature: [signature]

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 30 10

Oracle Number: 108302

Notes: Calibrate YSI 600 XLM Sonde SN# 99K1014AA, controller SN# ~~99K 1014AA~~ BM 02L027AC, conductivity after calibration reads spec. conductivity 1157 us/cm on 1000 us/cm standard, calibrate DO on atmosphere, reads 9.41 mg/L on atmosphere after calibration, calibrate PH 3 points, first point 4, after calibration reads 4.00 ph on 4 standard, second point 7, after calibration reads 7.00 on 7 standard. calibrate third point 10, read after calibration 10.00 on 10 standard, calibrate ORP, after calibration reads 109.0 on 109.1 mv standard, calibration completed

Warm Up PID Mini Rae 2000 SN# 110010569 response fact 1.0, lamp 10.6. Calibrate PID calibrate 0 points on atmosphere reads 0.0 on atmosphere after calibration, calibrate span on 100 ppm Isobutalene, read 96.7 ppm on 100 ppm Isobutelene after calibration.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 30 / 10

Oracle Number: 108302

Notes: -800 Glacier sets up on IP-17, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-17:

13'-12' 3.5 gals ORC / 30 gals Regenox
12'-11' 3.5 gals ORC / 30 gals Regenox
11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 25 gals Regenox

lost seal, slurry begins coming to the surface through borehole.

-915 JL calls Kleerwater to schedule a water delivery for Tuesday

-945 Glacier sets up on IP-18, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

~~IP-18:~~ JL

~~13'-12'~~ JL

Geoprobe refusal at approx. 6' bgs offset location 1' NE and retry

IP-18:

13'-12' 3.5 gals ORC / 30 gals Regenox

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/30/10

Oracle Number: 108302

Notes: IP-18 (Continued)

12'-11' 3.5 gals ORC / 30 gals Regenox
11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals ORC / 30 gals Regenox
lost seal, slurry begins coming up to ground surface through borehole

1120 Glacier sets up on IP-19, advance rods to 13', pull back to 12' bgs and begin injecting ORC/Regenox

IP-19:

13'-12' 3.5 gals ORC / 30 gals Regenox
12'-11' 3.5 gals ORC / 30 gals Regenox
11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals of ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox
6'-5' 3.5 gals ORC / 30 gals Regenox
5'-4' 30 gals Regenox
4'-3' 30 gals Regenox

1430 BJM departs.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 30 / 10

Oracle Number: 108302

Notes: - 1445 Glacier sets up on IP-20, advance rods to 13' bgs, ~~be~~ JL pull back to 12' bgs and begin injecting ORC/Regenox

IP-20:

13'-12' 3.5 gals ORC / 30 gallons Regenox
12'-11' 3.5 gals ORC / 30 gals Regenox
11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox

Will continue tomorrow.

- 1645 JL and Glacier secure and depart.

Signature: [signature]

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/31/10

Oracle Number: 108302

Site Name: XOM Willimantic

Site Location: 7 Storrs Rd Willimantic, CT

Client ID: 01-GIP

Arrival Time: 7:00

Departure Time: ____:____

Weather: 60°F Sunny

Task: Pilot test Chem-ox injections

Name of Note Taker: John Liddon

Other Personnel on Site: Glacier (Mike, John)

Applicable Procedures, SOPs, Guidance Documents: Regenesis application instructions

Applicable JSAs: General Site Activities, Geoprobe use, Temie pump use

Notes (include equipment calibration as applicable):

- 700 Delineate work area, complete XJL daily sign-in sheet and conduct health and safety tailgate meeting reviewing JLA and HASP and discussing lifting techniques and evacuation plan

- 740 Glacier sets up on IP-20, previously treated to 6' bgs

Signature: JLiddon

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8 / 31 / 10

Oracle Number: 108302

Notes: IP-20 (continued)

6'-5' 3.5 gals ORC / 30 gals Regenox
5'-4' 30 gals Regenox
4'-3' 30 gals Regenox.

-830 Glacier sets up on IP-21, probe refusal at 10' bgs, off-set 1' north and retry, probe refusal at 10' bgs, off-set 1' west, advance rods to 13' bgs, pull back to 12' and begin injecting ORC, slurry comes to the surface through bore hole, stop injecting

-915 Glacier sets up on IP-22, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox.

IP-22:

13'-12' 3.5 gals ORC / 30 gals Regenox
Slurry begins coming to the surface through MW-112's roadbox, stop injections

-940 Glacier sets up on IP-23, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-23:

~~12~~ 13'-12' 3.5 gals ORC / 30 gals Regenox
12'-11' 3.5 gals ORC / 25 gals Regenox

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 8/31/10

Oracle Number: 108302

Notes: IP-23 (continued)

Slurry begins coming to the surface through MW-02, stop injecting.

- 1130 Water delivery arrives, Glacier sets up on IP-24, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox.

IP-24:

13'-12' 3.5 gals ORC/30 gals Regenox
12'-11' 3.5 gals ORC/30 gals Regenox
11'-10' 3.5 gals ORC/30 gals Regenox
10'-9' 3.5 gals ORC/30 gals Regenox
9'-8' 3.5 gals ORC/30 gals Regenox
8'-7' 3.5 gals ORC/30 gals Regenox
7'-6' 3.5 gals ORC/30 gals Regenox
6'-5' 3.5 gals ORC/30 gals Regenox
5'-4' ~~30/~~ 30 gals Regenox
4'-3' 30 gals Regenox

- 1500 update Dan Hunter, secure and depart

Signature:

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 1 / 10

Oracle Number: 108302

Site Name: Mobil Willimantic

Site Location: 7 Storrs Rd. Willimantic CT

Client ID: 01-GIP

Arrival Time: 7 : 00

Departure Time: ____ : ____

Weather: 65°F Sunny

Task: Pilot Test Chem-ox injections

Name of Note Taker: John Liddon

Other Personnel on Site: Glacier (Mike, John)

Applicable Procedures, SOPs, Guidance Documents: Regenesis application instructions

Applicable JSAs: General Site Activities, Geoprobe Use, Tremie Pump use

Notes (include equipment calibration as applicable):

~700 Delineate work area, complete daily sign-in sheet, JL conducts health and safety tailgate meeting reviewing JLAs and discussing evacuation plan, body pinch points and heat stress.

~740 Glacier sets up on IP-25, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 1 / 10

Oracle Number: 108302

Notes: IP-25:

13'-12' 3.5 gals ORC / 30 gals Regenox

Slurry begins coming to the surface through MW-103, stop injection

-800 Due to injection refusal an additional injection point was added (IP-26) to ~~the area~~ cover the area missed by IP-25 injection refusal

-805 Glacier sets up on IP-26, advance rods to 10' bgs, pull back to 9' bgs and begin injecting ORC/Regenox.

IP-26:

10'-9' - 1 gals ORC

Slurry begins coming to the surface through MW-103

Stop injections.

-830 Glacier sets up on IP-27, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox.

IP-27:

13'-12' 3.5 gals ORC

Slurry comes to the surface through MW-102, stop injections

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 1 / 10

Oracle Number: 108302

Notes: -930 Glacier sets up on IP-28, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-28:

13'-12' 3.5 gals / 5 gals Regenox

Slurry comes to the surface through MW-103, Stop injections.

-1020 Glacier sets up on IP-29, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regnox.

IP-29:

13'-12' 3.5 gals ORC / 30 gals Regenox.
12'-11' 3.5 gals ORC / 30 gals Regenox
11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox
6'-5' 3.5 gals ORC / 30 gals Regenox
5'-4' 30 gals Regenox
4'-3' 30 gals Regenox

-1400 Roxanne of the Chronicle Newspaper arrives on-site and takes photos of work, JL asks if she would like

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9/1/10

Oracle Number: 108302

Notes: more information regarding the work being conducted she could contact the Project Manager, she said "no thanks", she was not looking for a story, just taking photos of things happening around town, update Dan Hunter.

- 1405 Glacier sets up on IP-30, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-30:

13'-12' 3.5 gals ORC / 30 gals Regenox

12'-11' 3.5 gals ORC / 30 gals Regenox.

- 1500 JL and Glacier secure and depart

Signature:

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 2 / 10

Oracle Number: 108302

Site Name: XOM Willimantic

Site Location: 7 Storrs Rd. Willimantic

Client ID: 01-GIP

Arrival Time: 7:00

Departure Time: ____:____

Weather: 65°F Sunny

Task: Pilot Test Chex-ox injections

Name of Note Taker: John Liddon / Robert Mandore

Other Personnel on Site: Glacier (John, Mike)

Applicable Procedures, SOPs, Guidance Documents: Regenesis Application Instructions, Hach kit ~~X~~ titration Instructions.

Applicable JSAs: General Site Activities, Modified Groundwater Sampling JLA, Geoprobe Use JLA, Tremie Pump Use JLA

Notes (include equipment calibration as applicable):

- 700 Delineate work area and complete daily sign-in sheet, JL conducts health and safety tailgate meeting reviewing JLAs and discussing all site activities, heat stress and evacuation plan.

- 730 Glacier sets up on IP-30 and continues injecting ORC/Regenox

Signature: JL

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9, 2, 10

Oracle Number: 108302

Notes: PID ser# 110-010569 Mini Rae 200 warm up, Calibrate 0 point Fresh air, reads 0.0 on fresh air after Calibration Calibrate span Isobutelen 100ppm read 100ppm on Isobutelene after calibration, response factor 1, Lamp 10.6

Landtech GA-90 SN# 6116 calibrated US Env. on 8-30-10 By DW, cal. settings Carbon Dioxide 35%, Methane 50% Oxegen 20.9 %, after Cali read on Standard Carbon Dioxide 34.9 %, Methane 49.9%, Oxygen 20.8%

Calibrate YSI 600XLM ser# Sonde 99K1014AA, controller SN# 02L0278AC, calibrate conductivity on 1000 us/cm standard, after calibration reads 10.32 us/cm specific conductivity, after calibration, Calibrate DO on atmosphere, reads on atmospere after calibration 8.51 mg/L, Calibrate PH 3point, calibrate 1st Point 4. ph standard, after calibration reads 4.00 on 4 standard, calibrate 2nd point, 7 standard, afer calibration reads on standard 7.00, calibrate 3rd point, standard 10

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions

Date: 9, 2, 10

Oracle Number: 108302

Notes: after calibration reads on 10 standard 10.01, calibrate ORP 109.1 Standard, after calibration reads on standard 108.1, calibration completed.

0820 Begin Screening Data.

MW-106, MW-107, MW-4 purge for Hach Kits med Brown in color.

MW-102 purge for Hach analisis dark brown, unable to conduct Hach analisis.

MW-103S Obstruction at 4.50 ft, tip of EIP covered dark gray sledge, remove tubing, no readings

1300 MW-103D has foam disharge top of casing due to Injection Process, no readings

1310 MW-112 while wait for gas reading, buble up well, no readings

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9/2/10

Oracle Number: 108302

Notes: 1345 MW-103D Purge for Hack Kit
med Brown unable to due Hack analisis.
1350
MW-112 Bubbling decide to call round.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 2 / 10

Oracle Number: 108302

Notes: IP-30 (Continued):

11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 3.5 gals ORC / 30 gals Regenox
6'-5' 3.5 gals ORC / 30 gals Regenox
5'-4' 30 gals Regenox
4'-3' 30 gals Regenox

- 930 IP-30 completed, Glacier sets up on IP-31, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC / Regenox.

IP-31:

13'-12' 3.5 gals ORC / 30 gals Regenox
12'-11' 3.5 gals ORC / 30 gals Regenox
11'-10' 3.5 gals ORC / 30 gals Regenox
10'-9' 3.5 gals ORC / 30 gals Regenox
9'-8' 3.5 gals ORC / 30 gals Regenox
8'-7' 3.5 gals ORC / 30 gals Regenox
7'-6' 0.25 gals ORC

Slurry comes to the surface around seam between asphalt and the concrete drive mat.

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 2 / 10

Oracle Number: 108302

Notes:

-1100 Glacier sets up on IP-32, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-32:

13'-12' 3.5 gals ORC/30 gals Regenox

Slurry begins coming to the surface through MW-103, stop injections.

-1230 Glacier sets up on IP-33, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-33:

13'-12' 3.5 ~~gal~~ gals ORC/30 gals Regenox

12'-11' 3.5 gals ORC/30 gals Regenox

11'-10' 3.5 gals ORC/30 gals Regenox

Slurry comes to the surface through MW-112, stop injections.

-1325 Glacier sets up on IP-34, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox.

IP-34:

13'-12' 3.5 gals ORC/30 gals Regenox

12'-11' 3.5 gals ORC/30 gals Regenox.

Signature:

Page ~~5~~ JL 6 of ~~6~~ JL 7

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9/2/10

Oracle Number: 108302

Notes: IP-34 (Continued)

11'-10' 3.5 gals ORC / 20 gals Regenox

Slurry comes to the surface through MW-112's roadbox, stop injections

~1430 JL, BJM and Glacier secure and depart.

Signature:

Page 7 of 7

Daily Field Log (page 1)

KLEINFELDER
Bright People. Right Solutions.

Date: 9/3/10

Oracle Number: 108302

Site Name: XOM Willimantic

Site Location: 7 Storrs Rd. Willimantic, CT

Client ID: 01-GIP

Arrival Time: 7:00

Departure Time: 14:15

Weather: 65° F Overcast.

Task: Pilot Test Chem-ox Injections and Groundwater Monitoring

Name of Note Taker: John Liddon (JL)/Robert Mudore (BJM)

Other Personnel on Site: Glacier (Mike, John)

Applicable Procedures, SOPs, Guidance Documents: Regenesis Application Instructions, Hach Kit Titration Instructions

Applicable JSAs: General Site Activities, Modified GW Sampling JLA, Geoprobe Use JLA, Tremie Pomp Use JLA

Notes (include equipment calibration as applicable):

- 700 Delineate Work area, complete daily sign-in sheet. JL conducts health and safety tailgate meeting reviewing JLAs, HASP and discussing proper lifting techniques and evacuation plan
- 730 BJM begins GW monitoring, Glacier sets up on IP-35, advance rods to 13' bgs, pull back to 12' bgs and begin.

Signature: J Liddon

Page 1 of ~~7~~ 5 (JL)

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9, 3, 10

Oracle Number: 106302

Notes: Calibrate YSI 600XLM Sonde ser# 99K104AA, controller SN# 0210278 AC, calibrate conductivity on 1000us/cm standard after calibration read 1014 us/cm spec. conductivity, calibrate DO on atmosphere after calibration read 8.40 mg/L, calibrate 3 point PH, 1st Point 4, after calibration read 4 on 4 standard, second point 7, after calibration read 7 on 7 standard, third point 10, after calibration read 10.0 on 7 standard, Calibrate ORP, after calibration read 109.1 on 109.1 standard.

Calibrate PID Mini Rae 2000 SN# 110-010565 on fresh air for 0 point, after calibration read 0.0 on fresh air, calibrate span on 100ppm Isobutelene, after calibration read 99.8 ppm on 100ppm Isobutelene, response factor 1.0, Lamp 10.6

Check Land Tech GA-90 SN# G116 on ~~35%~~ 50% methane BM 50% Methane, 35% carbon dioxide, read CH^4 51.1%, CO^2 35.9% O_2 0.0%.
0730 start screen data collection

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 3 / 10

Oracle Number: 108302

Notes:
0745 MW-107 purge collect for ~~Hack~~ Hach BN analisis dark Brown, unable to run ~~Hack~~ Hach BN analisis

MW-4 purge collected for ~~Hack~~ Hach BN analisis dark brown, unable to run Hach analisis.

MW-112 Water Top of casing, dark brown in color, unable to conduct Hach anilisis, unable to collect gas data, partial blockage unable to insert YSI past 2 feet able to get FIP past blockage

MW-103S obstructed at 2.30 ft no screen data collected

MW-103D Purge for Hach Kits dark brown unable to run Hack analisis.

MW-102 Purge for Hach Kits dark brown unable to run Hack analisis

Signature:

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 3 / 10

Oracle Number: 108302

Notes: injecting ORC/Regenox

IP-35:

13'-12' 3.5 gals ORC / 30 gals Regenox

12'-11' 3.5 gals ORC / 30 gals Regenox

Slurry begins coming to the surface through Used-oil UST excavation, stop injection

-845 Glacier sets up on IP-15, previously treated from 13'-11' bgs, advance rods to 11' bgs, pull back 10' bgs and begin injecting ORC/Regenox.

IP-15:

11'-10' 3.5 gals ORC / 30 gals Regenox.

Slurry comes to the surface through southern hydraulic lift excavation, update Eric Henry of Kleinfelder, he says to move to locations originally proposed for building area (outside of building)

-915 Glacier sets up on IP-36, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-36:

13'-12' 3.5 gals ORC / 30 gals Regenox

12'-11' 3.5 gals ORC / 25 gals Regenox.

Slurry comes to the surface between concrete drive mat and asphalt

Signature: J Ladd

Daily Field Log (additional page)

KLEINFELDER
Bright People. Right Solutions.

Date: 9 / 3 / 10

Oracle Number: 108302

Notes:

-1025 Glacier sets up on IP-37, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

IP-37: 13'-12' 3.5 gals ORC/30 gals Regenox

12'-11' 3.5 gals ORC/30 gals Regenox

Slurry comes to the surface ~~beto~~ in seam of Concrete in front of northern bay door

-1215 Glacier sets up on IP-38, advance rods to 13' bgs, pull back to 12' bgs and begin injecting ORC/Regenox

13'-12' 3.5 gals ORC/30 gallons Regenox

12'-11' 3.5 gals ORC/30 gals Regenox

11'-10' 3.5 gals ORC/30 gals Regenox

10'-9' 3.5 gals ORC/30 gals Regenox.

9'-8' 3.5 gals ORC

Slurry comes to the surface through the borehole, Stop injections.

- Slurry mixtures during this project are as follows:

5 lbs of ORC mixed with 30 gallons of water

10 lbs of part A and 10 lbs of part B mixed with 30 gallons of water.

- 1415 JL, BJM and Glacier secure and depart.

Signature:

U-50P Version 1 89

No.	SITE	Date	Time	Temperature	10 pH	1 ORP
1	01G1P-CAK	7/7/2010	9:26:54	26.29 °C	4.01 pH	251
2	01G1P-MW-106	7/7/2010	10:25:14	20.1 °C	5.69 pH	-148
3	01G1P-MW-106	7/7/2010	10:35:00	20.19 °C	5.65 pH	-153
4	01G1P-MW-106	7/7/2010	10:40:02	20.21 °C	5.62 pH	-151
5	01G1P-MW-106	7/7/2010	10:45:01	20.25 °C	5.6 pH	-150
6	01G1P-MW-106	7/7/2010	10:50:01	20.55 °C	5.67 pH	-155
7	01G1P-MW-106	7/7/2010	10:55:01	20.63 °C	5.65 pH	-155
8	01G1P-MW-106	7/7/2010	11:00:00	20.8 °C	5.65 pH	-156
9	01G1P-MW-106	7/7/2010	11:05:00	20.83 °C	5.66 pH	-157
10	01G1P-MW-106	7/7/2010	11:10:00	20.87 °C	5.65 pH	-157
11	01G1P-CAK	7/7/2010	12:04:47	29.98 °C	4.03 pH	190
12	01G1P-MW-107	7/7/2010	12:45:01	20.41 °C	5.96 pH	-52
13	01G1P-MW-107	7/7/2010	12:50:04	20.5 °C	5.88 pH	-48
14	01G1P-MW-107	7/7/2010	12:55:07	20.07 °C	5.91 pH	-52
15	01G1P-MW-107	7/7/2010	13:00:23	19.35 °C	6.26 pH	-76
16	01G1P-MW-107	7/7/2010	13:15:00	19.76 °C	6.24 pH	-63
17	01G1P-MW-107	7/7/2010	13:20:01	20.31 °C	5.79 pH	-43
18	01G1P-MW-107	7/7/2010	13:25:13	19.53 °C	6.21 pH	-65
19	01G1P-MW-107	7/7/2010	13:30:27	19.62 °C	6.19 pH	-61
20	01G1P-MW-107	7/7/2010	13:35:49	19.75 °C	6.16 pH	-57
21	01G1P-MW-107	7/7/2010	13:40:35	19.78 °C	6.16 pH	-55
22	01G1P-MW-107	7/7/2010	13:45:06	19.91 °C	6.14 pH	-53
23	01G1P-CAK	7/7/2010	14:21:56	31.38 °C	3.99 pH	199
24	01G1P-MW-110	7/7/2010	14:50:07	25.65 °C	8.9 pH	-126
25	01G1P-MW-110	7/7/2010	14:55:16	23.8 °C	9.1 pH	-183
26	01G1P-MW-110	7/7/2010	15:01:26	22.77 °C	9.22 pH	-208
27	01G1P-MW-110	7/7/2010	15:05:00	22.33 °C	8.65 pH	-181
28	01G1P-MW-110	7/7/2010	15:10:00	22.06 °C	9.19 pH	-218
29	01G1P-MW-110	7/7/2010	15:15:07	21.68 °C	8.91 pH	-202
30	01G1P-MW-110	7/7/2010	15:20:01	21.43 °C	9.33 pH	-225
31	01G1P-MW-110	7/7/2010	15:25:06	21.34 °C	9.41 pH	-231
32	01G1P-MW-110	7/7/2010	15:30:19	21.16 °C	9.35 pH	-229
33	01G1P-CAK	7/7/2010	16:07:09	31.84 °C	4 pH	178
34	01G1P-MW-4	7/7/2010	16:30:00	23.23 °C	6.28 pH	-31
35	01G1P-MW-4	7/7/2010	16:35:01	22.46 °C	6.24 pH	-27
36	01G1P-MW-4	7/7/2010	16:40:00	21.98 °C	5.78 pH	-1
37	01G1P-MW-4	7/7/2010	16:45:37	21.75 °C	6.02 pH	-17
38	01G1P-MW-4	7/7/2010	16:50:15	21.35 °C	6.11 pH	-19
39	01G1P-MW-4	7/7/2010	16:55:09	21.28 °C	6.17 pH	-22
40	01G1P-MW-4	7/7/2010	17:00:44	21.29 °C	6.14 pH	-20

41	01G1P-MW-4	7/7/2010	17:05:05	21.2	°C	6.07 pH	-16
42	01G1P-MW-4	7/7/2010	17:10:18	21.19	°C	6 pH	-13
43	01G1P-MW-4	7/7/2010	17:15:54	21.09	°C	5.97 pH	-11
44	01G1P-CAK	7/7/2010	17:51:44	29.81	°C	3.97 pH	186
45	01G1P-MW-3	7/7/2010	18:15:00	20.06	°C	6.19 pH	-156
46	01G1P-MW-3	7/7/2010	18:20:00	19.92	°C	6.06 pH	-154
47	01G1P-MW-3	7/7/2010	18:25:54	19.78	°C	6.19 pH	-167
48	01G1P-MW-3	7/7/2010	18:30:01	19.72	°C	6.19 pH	-168
49	01G1P-MW-3	7/7/2010	18:35:00	19.58	°C	6.18 pH	-169
50	01G1P-CAK	7/7/2010	19:09:45	29.92	°C	3.95 pH	195
51	01G1P-CAK	7/8/2010	8:23:49	26.61	°C	4.01 pH	205
52	01G1P-MW-105	7/8/2010	9:05:00	20.96	°C	6.24 pH	-133
53	01G1P-MW-105	7/8/2010	9:10:01	20.77	°C	6.26 pH	-138
54	01G1P-MW-105	7/8/2010	9:15:01	21.02	°C	6.26 pH	-140
55	01G1P-MW-105	7/8/2010	9:20:22	20.94	°C	6.26 pH	-145
56	01G1P-MW-105	7/8/2010	9:25:00	21	°C	6.26 pH	-145
57	01G1P-CAK	7/8/2010	9:56:59	25.38	°C	3.99 pH	191
58	01G1P-MW-112	7/8/2010	10:15:10	21.53	°C	6.61 pH	-122
59	01G1P-MW-112	7/8/2010	10:20:10	20.56	°C	6.63 pH	-120
60	01G1P-MW-112	7/8/2010	10:30:00	19.97	°C	6.62 pH	-96
61	01G1P-MW-112	7/8/2010	10:35:08	20.07	°C	6.58 pH	-71
62	01G1P-MW-112	7/8/2010	10:40:00	20.05	°C	6.61 pH	-58
63	01G1P-MW-112	7/8/2010	10:45:13	20.15	°C	6.6 pH	-48
64	01G1P-MW-112	7/8/2010	10:50:00	20.13	°C	6.59 pH	-42
65	01G1P-MW-112	7/8/2010	10:55:00	19.65	°C	6.29 pH	-21
66	01G1P-MW-112	7/8/2010	10:58:01	19.65	°C	6.58 pH	-36
67	01G1P-MW-112	7/8/2010	11:01:01	19.93	°C	6.58 pH	-34
68	01G1P-MW-112	7/8/2010	11:04:00	20.17	°C	6.57 pH	-34
69	01G1P-CAK	7/8/2010	11:27:50	27.11	°C	3.92 pH	194
70	01G1P-MW-103S	7/8/2010	11:45:01	20.15	°C	6.6 pH	-252
71	01G1P-MW-103S	7/8/2010	11:50:01	19.93	°C	6.59 pH	-256
72	01G1P-MW-103S	7/8/2010	11:55:01	19.88	°C	6.59 pH	-258
73	01G1P-MW-103S	7/8/2010	12:00:21	19.83	°C	6.58 pH	-259
74	01G1P-MW-103S	7/8/2010	12:05:15	19.86	°C	6.47 pH	-255
75	01G1P-MW-103S	7/8/2010	12:10:03	19.84	°C	6.57 pH	-262
76	01G1P-MW-103S	7/8/2010	12:15:12	19.88	°C	6.56 pH	-264
77	01G1P-MW-103S	7/8/2010	12:20:03	19.73	°C	6.52 pH	-263
78	01G1P-CAK	7/8/2010	12:41:16	28.03	°C	3.87 pH	178
79	0G1P-MW-103D	7/8/2010	12:55:41	17.01	°C	6.26 pH	44
80	0G1P-MW-103D	7/8/2010	13:00:45	16.77	°C	6.25 pH	53

81	0G1P-MW-103D	7/8/2010	13:10:02	16.93	°C	6.07 pH	72
82	0G1P-MW-103D	7/8/2010	13:15:05	17.27	°C	6.05 pH	75
83	0G1P-MW-103D	7/8/2010	13:20:08	17.18	°C	6.14 pH	72
84	01G1P-CAK	7/8/2010	13:44:28	27.84	°C	3.89 pH	182
85	01G1P-MW-102	7/8/2010	14:00:47	22.59	°C	6.34 pH	-150
86	01G1P-MW-102	7/8/2010	14:05:03	22.55	°C	6.33 pH	-155
87	01G1P-MW-102	7/8/2010	14:10:02	22.36	°C	6.34 pH	-157
88	01G1P-MW-102	7/8/2010	14:15:01	22.5	°C	6.34 pH	-157
89	01G1P-CAK	7/8/2010	14:44:44	27.51	°C	3.86 pH	180

	2 Conductivity		6 Turbidity		3 Dissolved Oxygen		Carbon Dioxide Hach Kit	Carbon Dioxide Digital Titrator Hach Kit
mV	4.61	mS/cm	0	NTU	8.69	mg/L		-
mV	0.188	mS/cm	75.8	NTU	3.31	mg/L		-
mV	0.19	mS/cm	55.4	NTU	3.33	mg/L		-
mV	0.188	mS/cm	48.1	NTU	3.3	mg/L		-
mV	0.185	mS/cm	46.8	NTU	3.25	mg/L		-
mV	0.191	mS/cm	45.8	NTU	3.2	mg/L		-
mV	0.19	mS/cm	40.1	NTU	3.19	mg/L		-
mV	0.188	mS/cm	33.3	NTU	3.17	mg/L		-
mV	0.194	mS/cm	30.4	NTU	3.17	mg/L		-
mV	0.19	mS/cm	24.4	NTU	3.19	mg/L	90mg/L	108mg/L
mV	4.89	mS/cm	3.5	NTU	5.57	mg/L		-
mV	0.235	mS/cm	8.3	NTU	0.6	mg/L		-
mV	0.235	mS/cm	5.6	NTU	0.53	mg/L		-
mV	0.231	mS/cm	6	NTU	0.51	mg/L		-
mV	0.224	mS/cm	9.7	NTU	0.47	mg/L		-
mV	0.219	mS/cm	20.4	NTU	0.48	mg/L		-
mV	0.219	mS/cm	21.1	NTU	6.22	mg/L		-
mV	0.215	mS/cm	21.1	NTU	5.99	mg/L		-
mV	0.214	mS/cm	19.5	NTU	5.33	mg/L		-
mV	0.213	mS/cm	21.5	NTU	4.77	mg/L		-
mV	0.213	mS/cm	27.2	NTU	4.33	mg/L		-
mV	0.215	mS/cm	29.4	NTU	3.98	mg/L	50mg/L	85.5mg/L
								.
mV	5.04	mS/cm	0	NTU	5.46	mg/L		-
mV	0.267	mS/cm	82.2	NTU	0.79	mg/L		-
mV	0.273	mS/cm	73.2	NTU	0.75	mg/L		-
mV	0.281	mS/cm	63.1	NTU	0.78	mg/L		-
mV	0.282	mS/cm	63.1	NTU	0.84	mg/L		-
mV	0.28	mS/cm	75.5	NTU	0.81	mg/L		-
mV	0.284	mS/cm	86.4	NTU	0.75	mg/L		-
mV	0.29	mS/cm	89.8	NTU	0.7	mg/L		-
mV	0.293	mS/cm	82.5	NTU	0.69	mg/L		-
mV	0.287	mS/cm	83.8	NTU	0.85	mg/L	<1.25mg/L	-
mV	5.16	mS/cm	8.2	NTU	5.52	mg/L		-
mV	0.213	mS/cm	30.3	NTU	0.37	mg/L		-
mV	0.214	mS/cm	26.2	NTU	0.35	mg/L		-
mV	0.213	mS/cm	23.3	NTU	0.34	mg/L		-
mV	0.213	mS/cm	18	NTU	0.34	mg/L		-
mV	0.21	mS/cm	17.2	NTU	0.32	mg/L		-
mV	0.212	mS/cm	8.8	NTU	0.31	mg/L		-
mV	0.211	mS/cm	11.8	NTU	0.3	mg/L		-

mV	0.212 mS/cm	8.1 NTU	0.29 mg/L		-
mV	0.211 mS/cm	7.6 NTU	0.28 mg/L		-
mV	0.21 mS/cm	12 NTU	0.27 mg/L	30mg/L	45mg/L
mV	4.89 mS/cm	12.1 NTU	5.08 mg/L		-
mV	0.212 mS/cm	7.1 NTU	0.58 mg/L		-
mV	0.21 mS/cm	6.6 NTU	0.52 mg/L		-
mV	0.209 mS/cm	5 NTU	0.46 mg/L		-
mV	0.209 mS/cm	4.3 NTU	0.44 mg/L		-
mV	0.208 mS/cm	3.8 NTU	0.43 mg/L		-
mV	4.94 mS/cm	10.9 NTU	4.88 mg/L	35mg/L	56mg/L
mV	4.65 mS/cm	0.3 NTU	8.17 mg/L		-
mV	0.192 mS/cm	16.1 NTU	0.7 mg/L		-
mV	0.194 mS/cm	9.7 NTU	0.66 mg/L		-
mV	0.195 mS/cm	6.3 NTU	0.64 mg/L		-
mV	0.197 mS/cm	6.2 NTU	0.62 mg/L		-
mV	0.198 mS/cm	6 NTU	0.6 mg/L	40mg/L	100.4mg/L
mV	4.4 mS/cm	3.2 NTU	8.11 mg/L		-
mV	0.256 mS/cm	0.2 NTU	7.09 mg/L		-
mV	0.255 mS/cm	0.3 NTU	6.73 mg/L		-
mV	0.253 mS/cm	0.8 NTU	5.96 mg/L		-
mV	0.252 mS/cm	0.6 NTU	5.63 mg/L		-
mV	0.252 mS/cm	0.7 NTU	5.41 mg/L		-
mV	0.25 mS/cm	0.7 NTU	5.23 mg/L		-
mV	0.249 mS/cm	1.1 NTU	5.1 mg/L		-
mV	0.249 mS/cm	0.7 NTU	5.15 mg/L		-
mV	0.25 mS/cm	0.8 NTU	5.07 mg/L		-
mV	0.25 mS/cm	0.9 NTU	4.96 mg/L		-
mV	0.248 mS/cm	0.7 NTU	4.86 mg/L	25.mg/L	44.8mg/L
mV	4.61 mS/cm	9.6 NTU	7.73 mg/L		-
mV	0.304 mS/cm	1.7 NTU	0.65 mg/L		-
mV	0.302 mS/cm	1.2 NTU	0.59 mg/L		-
mV	0.302 mS/cm	1.1 NTU	0.55 mg/L		-
mV	0.302 mS/cm	1.1 NTU	0.52 mg/L		-
mV	0.302 mS/cm	1.2 NTU	0.5 mg/L		-
mV	0.302 mS/cm	1.1 NTU	0.47 mg/L		-
mV	0.302 mS/cm	1 NTU	0.45 mg/L		-
mV	0.301 mS/cm	1 NTU	0.44 mg/L	25mg/L	59.6mg/L
mV	4.72 mS/cm	9.6 NTU	7.57 mg/L		-
mV	0.248 mS/cm	1.9 NTU	0.66 mg/L		-
mV	0.247 mS/cm	1.2 NTU	0.6 mg/L		-

mV	0.249	mS/cm	0.6	NTU	0.51	mg/L		-
mV	0.251	mS/cm	0.3	NTU	0.48	mg/L		-
mV	0.25	mS/cm	0.4	NTU	0.47	mg/L	30mg/L	54.4mg/L
mV	4.74	mS/cm	10.1	NTU	7.61	mg/L		-
mV	0.308	mS/cm	3.2	NTU	0.5	mg/L		-
mV	0.307	mS/cm	2.6	NTU	0.45	mg/L		-
mV	0.304	mS/cm	2.1	NTU	0.43	mg/L		-
mV	0.304	mS/cm	1.2	NTU	0.41	mg/L		-
mV	4.57	mS/cm	0	NTU	7.72	mg/L	35mg/L	74.6mg/L

New England ACCUTEST LABORATORIES

11/05/10

Technical Report for

ExxonMobil

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

PO#4512148080 WBS#08

Accutest Job Number: M94771

Sampling Dates: 09/22/10 - 10/05/10

Report to:

Kleinfelder (Master)

nlandry@kleinfelder.com

ATTN: Nathalie Landry

Total number of pages in report: **123**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (002) ND (R-188) CO MN (11546AA) NC (653) IL (002337) DoD/ISO/IEC 17025:2005 (L2235)

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Accutest LabLink@107370 16:07 05-Nov-2010

Sample Summary

ExxonMobil

Job No: M94771

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M94771-1	10/05/10	11:11	BM	10/06/10	AQ	Ground Water	MW-102
M94771-2	10/05/10	09:36	BM	10/06/10	AQ	Ground Water	MW-103D
M94771-3	10/05/10	13:51	BM	10/06/10	AQ	Ground Water	MW-107
M94771-4	10/05/10	20:56	BM	10/06/10	AQ	Ground Water	MW-110
M94771-5	10/05/10	00:00	BM	10/06/10	AQ	Ground Water	MW-106
M94771-6	10/05/10	17:14	BM	10/06/10	AQ	Ground Water	MW-3
M94771-6D	10/05/10	17:14	BM	10/06/10	AQ	Water Dup/MSD	MW-3
M94771-6S	10/05/10	17:14	BM	10/06/10	AQ	Water Matrix Spike	MW-3
M94771-7	10/05/10	15:06	BM	10/06/10	AQ	Ground Water	MW-4
M94771-8	10/05/10	16:10	BM	10/06/10	AQ	Field Blank Water	FB
M94771-9	10/05/10	00:00	BM	10/06/10	AQ	Ground Water	FD
M94771-10	09/22/10	00:00	BM	10/06/10	AQ	Trip Blank Water	TRIP BLANK

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	ExxonMobil	**Job No**	M94771
Site:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT	**Report Date**	11/1/2010 12:32:12 PM

8 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were collected on between 09/22/2010 and 10/05/2010 and were received at Accutest on 10/06/2010 properly preserved, at 2.1 Deg. C and intact. These Samples received an Accutest job number of M94771. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSN1744

- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6MS, M94771-6MSD were used as the QC samples indicated.
- The following samples were run outside of holding time for method SW846 8260B: M94771-10
- Blank Spike Recovery(s) for Dichlorodifluoromethane are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, Acetone, Carbon tetrachloride, Iodomethane are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 2-Hexanone, Bromomethane, 2-Butanone (MEK), Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 2-Butanone (MEK), Acetone are outside control limits for sample M94771-6MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD of MSN1744-BSD for Chloroethane is outside control limits. individual recoveries meet acceptance criteria
- MSN1744-BS/BSD for Vinyl Acetate: Outside control limits. Associated samples are non-detect for this compound.
- BSD Recovery(s) for Dichlorodifluoromethane, Iodomethane are outside control limits. Blank Spike meets program technical requirements.
- Quadratic regression is employed for compound bromomethane, acetone from initial calibration standard MSN1688-ICC1688.
- Continuing calibration check standard MSN1744-CC1688 for bromomethane, iodomethane exceed 30% Difference. This check standard met RCP criteria.

Matrix AQ **Batch ID:** MSN1746

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94744-6MS, M94744-6MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Bromomethane, Carbon tetrachloride, Chloromethane, Dichlorodifluoromethane, Iodomethane are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, Acetone, Bromomethane, Carbon tetrachloride, Iodomethane are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 2-Butanone (MEK), 2-Hexanone, Acetone, Bromomethane are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- M94771-3, M94771-7: Elevated RL due to dilution required for matrix interference.
- Continuing calibration check standard MSN1746-CC1688 for vinyl acetate, 2-butanone, carbon tetrachloride, 2-hexanone exceed 30% Difference. This check standard met RCP criteria.
- MSN1746-BS/BSD for Vinyl Acetate: Outside control limits. Associated samples are non-detect for this compound.
- BSD Recovery(s) for Bromomethane, Chloromethane, Dichlorodifluoromethane, Iodomethane are outside control limits. Blank Spike meets program technical requirements.

Extractables by GCMS By Method SW846 8270C

Matrix AQ	**Batch ID:** OP22926

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6MS, M94771-6MSD were used as the QC samples indicated.
- MS/MSD Recovery(s) for Acenaphthylene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Only PAHs requested.
- RPD(s) for MSD for Acenaphthene, Acenaphthylene, Anthracene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene are outside control limits for sample OP22926-MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- M94771-3: Confirmation run for surrogate recoveries.
- M94771-3 for Nitrobenzene-d5: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- Initial calibration standard MSF2274-ICC2274 for Naphthalene, Benzo[a]anthracene, Chrysene, Perylene-d12, Benzo[a]pyrene is employed quadratic regression.

Extractables by GC By Method CT-ETPH 7/06

Matrix AQ	**Batch ID:** OP22918

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) M94771-6MS, M94771-6MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Duplicate Recovery(s) for CT-ETPH (C9-C36) are outside control limits. Variability of recovery may be due to sample matrix/homogeneity.
- RPD(s) for MSD for CT-ETPH (C9-C36) are outside control limits for sample OP22918-MSD. High RPD due to possible sample matix interferene and/or sample non-homogeneity.
- M94771-3, M94771-5, M94771-7 for 1-Chlorooctadecane: Outside control limits due to matrix interference. Confirmed by reanalysis. Insufficient volume for re-extration.
- OP22918-MSD for 1-Chlorooctadecane: Outside control limits due to possible matrix interference.

Metals By Method SW846 6010B

Matrix AQ	**Batch ID:** MP16063

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6DUP, M94771-6MS, M94771-6SDL, M94771-6DUP were used as the QC samples for metals.
- RPD(s) for Duplicate for Chromium are outside control limits for sample MP16063-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Barium, Selenium are outside control limits for sample MP16063-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Only selected metals requested.

Metals By Method SW846 7470A

Matrix AQ	**Batch ID:** MP16068

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6DUP, M94771-6MS were used as the QC samples for metals.

Wet Chemistry By Method SM21 2320B

Matrix AQ	Batch ID: GN33043

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94770-3DUP, M94770-3MS were used as the QC samples for Alkalinity, Total as CaCO3.

Matrix AQ	Batch ID: GN33076

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-7DUP, M94771-7MS were used as the QC samples for Alkalinity, Total as CaCO3.

Matrix AQ	Batch ID: GN33104

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6DUP, M94771-6MS were used as the QC samples for Alkalinity, Total as CaCO3.

Wet Chemistry By Method SM21 5210B

Matrix AQ	Batch ID: GP12103

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6DUP were used as the QC samples for BOD, 5 Day.

Wet Chemistry By Method SM21 5220C

Matrix AQ	Batch ID: GP12132

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6DUP, M94771-6MS were used as the QC samples for Chemical Oxygen Demand.

Accutest may not have met all requested limits due to methodology limitations, sample matrix, dilutions, or percents solids.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M94771).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M94771-1	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46174.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M94771-1	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M94771-1	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	1610	100	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M94771-1	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	97.2	5.0	mg/l	1	10/08/10	BF	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M94771-2	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46175.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M94771-2	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M94771-2	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	118	100	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M94771-2	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	180	5.0	mg/l	1	10/08/10	BF	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N46195.D	100	10/08/10	JP	n/a	n/a	MSN1746
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	500	ug/l	
71-43-2	Benzene	ND	50	ug/l	
108-86-1	Bromobenzene	ND	500	ug/l	
74-97-5	Bromochloromethane	ND	500	ug/l	
75-27-4	Bromodichloromethane	ND	100	ug/l	
75-25-2	Bromoform	ND	100	ug/l	
74-83-9	Bromomethane	ND	200	ug/l	
78-93-3	2-Butanone (MEK)	ND	500	ug/l	
104-51-8	n-Butylbenzene	ND	500	ug/l	
135-98-8	sec-Butylbenzene	ND	500	ug/l	
98-06-6	tert-Butylbenzene	ND	500	ug/l	
75-15-0	Carbon disulfide	ND	500	ug/l	
56-23-5	Carbon tetrachloride	ND	100	ug/l	
108-90-7	Chlorobenzene	ND	100	ug/l	
75-00-3	Chloroethane	ND	200	ug/l	
67-66-3	Chloroform	ND	100	ug/l	
74-87-3	Chloromethane	ND	200	ug/l	
95-49-8	o-Chlorotoluene	ND	500	ug/l	
106-43-4	p-Chlorotoluene	ND	500	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	500	ug/l	
124-48-1	Dibromochloromethane	ND	100	ug/l	
106-93-4	1,2-Dibromoethane	ND	200	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	100	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	100	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	100	ug/l	
75-71-8	Dichlorodifluoromethane	ND	200	ug/l	
75-34-3	1,1-Dichloroethane	ND	100	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	ug/l	
75-35-4	1,1-Dichloroethene	ND	100	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	100	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	ug/l	
78-87-5	1,2-Dichloropropane	ND	200	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	500	ug/l	
594-20-7	2,2-Dichloropropane	ND	500	ug/l	
563-58-6	1,1-Dichloropropene	ND	500	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	50	ug/l	
100-41-4	Ethylbenzene	ND	100	ug/l	
87-68-3	Hexachlorobutadiene	ND	500	ug/l	
591-78-6	2-Hexanone	ND	500	ug/l	
74-88-4	Iodomethane	ND	500	ug/l	
98-82-8	Isopropylbenzene	ND	500	ug/l	
99-87-6	p-Isopropyltoluene	ND	500	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	500	ug/l	
74-95-3	Methylene bromide	ND	500	ug/l	
75-09-2	Methylene chloride	ND	200	ug/l	
91-20-3	Naphthalene	ND	500	ug/l	
103-65-1	n-Propylbenzene	ND	500	ug/l	
100-42-5	Styrene	ND	500	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	ug/l	
127-18-4	Tetrachloroethene	ND	100	ug/l	
108-88-3	Toluene	ND	100	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	500	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	500	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	ug/l	
79-01-6	Trichloroethene	ND	100	ug/l	
75-69-4	Trichlorofluoromethane	ND	100	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	500	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	500	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	500	ug/l	
108-05-4	Vinyl Acetate	ND	500	ug/l	
75-01-4	Vinyl chloride	ND	100	ug/l	
1330-20-7	Xylene (total)	ND	100	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q

(a) Elevated RL due to dilution required for matrix interference.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S18683.D	1	10/23/10	AA	10/12/10	OP22926	MSS760
Run #2 [a]	S18765.D	1	10/26/10	PR	10/12/10	OP22926	MSS764

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	10% [b]	9% [b]	30-130%
321-60-8	2-Fluorobiphenyl	62%	62%	30-130%
1718-51-0	Terphenyl-d14	49%	50%	30-130%

(a) Confirmation run for surrogate recoveries.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG21977.D	1	10/21/10	WZ	10/12/10	OP22918	GBG712
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.599	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	5% [a]		50-149%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis. Insufficient volume for re-extration.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	44.4	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	1120	50	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	185	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	41800	100	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	70.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	10.0	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M94771-3	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	1410	5.0	mg/l	1	10/08/10	BF	SM21 2320B
BOD, 5 Day	32.8	10	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	994	400	mg/l	20	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M94771-4	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46176.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M94771-4	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M94771-4	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S18706.D	1	10/25/10	PR	10/12/10	OP22926	MSS761
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		30-130%
321-60-8	2-Fluorobiphenyl	69%		30-130%
1718-51-0	Terphenyl-d14	57%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M94771-4	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC45931.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.0999	0.081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	68%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M94771-4	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	2530	100	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M94771-4	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	69.1	5.0	mg/l	1	10/14/10	SA	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M94771-5	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46177.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M94771-5	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M94771-5	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S18707.D	1	10/25/10	PR	10/12/10	OP22926	MSS761
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.1	ug/l	
208-96-8	Acenaphthylene	ND	5.1	ug/l	
120-12-7	Anthracene	ND	5.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	ug/l	
218-01-9	Chrysene	ND	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	ug/l	
206-44-0	Fluoranthene	ND	5.1	ug/l	
86-73-7	Fluorene	ND	5.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	ug/l	
91-20-3	Naphthalene	ND	5.1	ug/l	
85-01-8	Phenanthrene	ND	5.1	ug/l	
129-00-0	Pyrene	ND	5.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	42%		30-130%
321-60-8	2-Fluorobiphenyl	53%		30-130%
1718-51-0	Terphenyl-d14	64%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M94771-5	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG21979.D	1	10/21/10	WZ	10/12/10	OP22918	GBG712
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	3.63	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	48% [a]		50-149%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis. Insufficient volume for re-extration.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M94771-5	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	428	100	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M94771-5	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	151	5.0	mg/l	1	10/14/10	SA	SM21 2320B
BOD, 5 Day	3.9	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	63.5	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M94771-6	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46178.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M94771-6	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M94771-6	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F50033.D	1	10/14/10	PR	10/12/10	OP22926	MSF2393
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	84%		30-130%
321-60-8	2-Fluorobiphenyl	78%		30-130%
1718-51-0	Terphenyl-d14	64%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M94771-6	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC45927.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.298	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	65%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M94771-6	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	4290	100	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/13/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M94771-6	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	43.7	5.0	mg/l	1	10/14/10	SA	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N46194.D	20	10/08/10	JP	n/a	n/a	MSN1746
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	100	ug/l	
71-43-2	Benzene	ND	10	ug/l	
108-86-1	Bromobenzene	ND	100	ug/l	
74-97-5	Bromochloromethane	ND	100	ug/l	
75-27-4	Bromodichloromethane	ND	20	ug/l	
75-25-2	Bromoform	ND	20	ug/l	
74-83-9	Bromomethane	ND	40	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	ug/l	
104-51-8	n-Butylbenzene	ND	100	ug/l	
135-98-8	sec-Butylbenzene	ND	100	ug/l	
98-06-6	tert-Butylbenzene	ND	100	ug/l	
75-15-0	Carbon disulfide	ND	100	ug/l	
56-23-5	Carbon tetrachloride	ND	20	ug/l	
108-90-7	Chlorobenzene	ND	20	ug/l	
75-00-3	Chloroethane	ND	40	ug/l	
67-66-3	Chloroform	ND	20	ug/l	
74-87-3	Chloromethane	ND	40	ug/l	
95-49-8	o-Chlorotoluene	ND	100	ug/l	
106-43-4	p-Chlorotoluene	ND	100	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	ug/l	
124-48-1	Dibromochloromethane	ND	20	ug/l	
106-93-4	1,2-Dibromoethane	ND	40	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	40	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	20	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	20	ug/l	
78-87-5	1,2-Dichloropropane	ND	40	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	100	ug/l	
594-20-7	2,2-Dichloropropane	ND	100	ug/l	
563-58-6	1,1-Dichloropropene	ND	100	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	ug/l	
100-41-4	Ethylbenzene	ND	20	ug/l	
87-68-3	Hexachlorobutadiene	ND	100	ug/l	
591-78-6	2-Hexanone	ND	100	ug/l	
74-88-4	Iodomethane	ND	100	ug/l	
98-82-8	Isopropylbenzene	ND	100	ug/l	
99-87-6	p-Isopropyltoluene	ND	100	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	100	ug/l	
74-95-3	Methylene bromide	ND	100	ug/l	
75-09-2	Methylene chloride	ND	40	ug/l	
91-20-3	Naphthalene	ND	100	ug/l	
103-65-1	n-Propylbenzene	ND	100	ug/l	
100-42-5	Styrene	ND	100	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	ug/l	
127-18-4	Tetrachloroethene	ND	20	ug/l	
108-88-3	Toluene	ND	20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	100	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	100	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	ug/l	
79-01-6	Trichloroethene	ND	20	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	100	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/l	
108-05-4	Vinyl Acetate	ND	100	ug/l	
75-01-4	Vinyl chloride	ND	20	ug/l	
1330-20-7	Xylene (total)	ND	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q

(a) Elevated RL due to dilution required for matrix interference.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S18708.D	1	10/25/10	PR	10/12/10	OP22926	MSS761
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.2	ug/l	
208-96-8	Acenaphthylene	ND	5.2	ug/l	
120-12-7	Anthracene	ND	5.2	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	ug/l	
218-01-9	Chrysene	ND	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	ug/l	
206-44-0	Fluoranthene	ND	5.2	ug/l	
86-73-7	Fluorene	ND	5.2	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	ug/l	
91-20-3	Naphthalene	ND	5.2	ug/l	
85-01-8	Phenanthrene	ND	5.2	ug/l	
129-00-0	Pyrene	ND	5.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		30-130%
321-60-8	2-Fluorobiphenyl	73%		30-130%
1718-51-0	Terphenyl-d14	82%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG21981.D	1	10/21/10	WZ	10/12/10	OP22918	GBG712
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.0928	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	18% [a]		50-149%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis. Insufficient volume for re-extration.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	15.9	4.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	138	50	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	38.2	10	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	14900	100	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	16.0	5.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M94771-7	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	658	5.0	mg/l	1	10/12/10	CF	SM21 2320B
BOD, 5 Day	3.9	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	221	100	mg/l	5	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	M94771-8	**Date Sampled:**	10/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46173.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.2	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	M94771-8	**Date Sampled:**	10/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	M94771-8	**Date Sampled:**	10/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S18709.D	1	10/25/10	PR	10/12/10	OP22926	MSS761
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.5	ug/l	
208-96-8	Acenaphthylene	ND	5.5	ug/l	
120-12-7	Anthracene	ND	5.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.5	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.5	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.5	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.5	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.5	ug/l	
218-01-9	Chrysene	ND	5.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.5	ug/l	
206-44-0	Fluoranthene	ND	5.5	ug/l	
86-73-7	Fluorene	ND	5.5	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.5	ug/l	
91-20-3	Naphthalene	ND	5.5	ug/l	
85-01-8	Phenanthrene	ND	5.5	ug/l	
129-00-0	Pyrene	ND	5.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	47%		30-130%
321-60-8	2-Fluorobiphenyl	56%		30-130%
1718-51-0	Terphenyl-d14	67%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	M94771-8	**Date Sampled:**	10/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC45937.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.489	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	68%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	M94771-8	**Date Sampled:**	10/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	< 100	100	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	M94771-8	**Date Sampled:**	10/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	< 5.0	5.0	mg/l	1	10/14/10	SA	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FD		
Lab Sample ID:	M94771-9	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46181.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FD		
Lab Sample ID:	M94771-9	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FD		
Lab Sample ID:	M94771-9	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S18710.D	1	10/25/10	PR	10/12/10	OP22926	MSS761
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	84%		30-130%
1718-51-0	Terphenyl-d14	74%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FD		
Lab Sample ID:	M94771-9	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG21983.D	1	10/21/10	WZ	10/12/10	OP22918	GBG712
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.113	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	55%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FD		
Lab Sample ID:	M94771-9	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Iron	4270	100	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/13/10	10/13/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/13/10	10/14/10	DA	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12315
(2) Instrument QC Batch: MA12317
(3) Prep QC Batch: MP16063
(4) Prep QC Batch: MP16068

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FD		
Lab Sample ID:	M94771-9	**Date Sampled:**	10/05/10
Matrix:	AQ - Ground Water	**Date Received:**	10/06/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	42.7	5.0	mg/l	1	10/14/10	SA	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	10/07/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M94771-10	**Date Sampled:**	09/22/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N46172.D	1	10/07/10	JP	n/a	n/a	MSN1744
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M94771-10	**Date Sampled:**	09/22/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 1 OF 2

ACCUTEST Laboratories

Accutest Laboratories of New England
495 Tech Center West, Bldg. 1, Marlboro, MA 01752
TEL: (508) 481-6200 FAX: (508) 481-7753
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: M94771

Client / Reporting Information

Company Name: Kleinfelder
Street Address: 99 Lamberton Road, Suite 201
City: Windsor State: CT Zip: 06095
Project Contact: John Liddon E-mail:
Phone #: (800) 929-4472 Fax #: (860) 683-4206
Sampler(s) Name(s): Phone #:

SITE NAME - Provide MRN for Retail or AFE for Major Projects

Retail Project (MRN): 01G1P
Major Project (AFE):
Project Name: 7 STORRS RD
City: WILLIMANTIC State: Connecticut
ExxonMobil Manager: Mary Caruso
ExxonMobil Purchase Order #: 4512148080

ExxonMobil Environmental Services Co.
If Project is Direct Bill to Consultant
Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB-Rinse Blank; TB-Trip Blank

Accutest Sample # (M94771)	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	ETPH via CT ETPH	Iron	BOD	Alkalinity	SVOC (PAH Only) by 8270	Total RCRA 8	VOC + MTBE via 8260	COD				LAB USE ONLY
-1	MW-102		10-5-10	1111	BM	GW	7	X		X		X					X	X	X		X	X	X				
-2	MW-103D		↓	0936	↓	GW	7	X		X		X					X	X	X	X	X	X	X				
	~~MW-103S~~			BM		GW																					
	~~MW-105~~			BM		GW																					
* -5	~~MW-106~~			BM		GW																					
-3	MW-107		10-5-10	1351	BM	GW	9	X		X		X				X	X	X	X	X	X	X	X				
-4	MW-110		↓	2056	↓	GW	↓	X		X		X				X	X	X	X	X	X	X	X				
-5	~~MW-112~~			BM		GW																					
-6 S.D.	MW-3		10-5-10	1714	BM	GW	27	X		X		X				X	X	X	X	X	X	X	X				
-7	MW-4		↓	1506	↓	GW	9	X		X		X				X	X	X	X	X	X	X	X				
-8	FB			1610		DI	9	X		X		X				X	X	X	X	X	X	X	X				
-9	FD		↓	0000	↓	GW	9	X		X		X				X	X	X	X	X	X	X	X				

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 8 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date: Loc/16B; 6E, 12C, 5D6

Data Deliverable Information

- [x] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [x] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
* MW-106 SET Head.

Comments / Special Instructions: Reporting limits must meet CT DEP RSR criteria for GA classified groundwater. Extra Sample Volume MW-3 for Matrix Spike, Matrix Spike Dup

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	10-6-10 0715	1 KHT, Sample Frids	Colin Murphy	10-6-10 1239	2
Relinquished by Sampler: 3 B.C	Date Time: 10-6-10	Received By: 3 B.C	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Intact / Not intact	Preserved where applicable / On Ice / Cooler Temp. 2°C

4.1 4

M94771: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 2 OF 2

ACCUTEST Laboratories

Accutest Laboratories of New England
495 Tech Center West, Bldg. 1, Marlboro, MA 01752
TEL: (508) 481-6200 FAX: (508) 481-7753
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: M94771

Client / Reporting Information

Company Name: Kleinfelder
Street Address: 99 Lamberton Road, Suite 201
City: Windsor State: CT Zip: 06095
Project Contact: John Liddon E-mail:
Phone #: (800) 929-4472 Fax #: (860) 683-4206
Sampler(s) Name(s): Phone #:

SITE NAME - Provide MRN for Retail or AFE for Major Projects

Retail Project (MRN): 01G1P
Major Project (AFE):
Project Name: 7 STORRS RD
City: WILLIMANTIC State: Connecticut
ExxonMobil Manager: Mary Caruso
ExxonMobil Purchase Order #: 4512148080

ExxonMobil Environmental Services Co.
If Project is Direct Bill to Consultant
Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	ETPH via CT ETPH	Iron	BOD	Alkalinity	SVOC (PAH Only) by 8270	Total RCRA 8	VOC + MTBE via 8260	COD				LAB USE ONLY
	M94771																										
	~~MW-102~~ BN					GW																					
	~~MW-103D~~ BN					GW																					
	~~MW-103S~~ BN					GW																					
	~~MW-105~~ BN					GW																					
	~~MW-106~~ BN					GW																					
	~~MW-107~~ BN					GW																					
	~~MW-110~~ BN					GW																					
	~~MW-112~~ BN					GW																					
	~~MW-3~~ BN					GW																					
	~~MW-4~~ BN					GW																					
10	Trip Blank		9-22-10	–	–	DI	2	V														X					

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 8 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush TAT data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [x] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [x] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Reporting limits must meet CT DEP RSR criteria for GA classified groundwater.

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	10-6-10 0745	1 Kat Sampletirice	2 Colin Murphy	10-6-10	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # [ ] Intact [ ] Not intact	Preserved where applicable [ ]	On Ice [ ] Cooler Temp.

4.1

4

M94771: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M94771 **Client:** KLEIN **Immediate Client Services Action Required:** No

Date / Time Received: 10/6/2010 6:30:00 PM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: WILLIMANTIC **Airbill #'s:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	
2. Trip Blank listed on COC:	☑	☐	
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume rec'd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments -5 Set of bottles (same as -3) recd. , ID MW-106 !2:21 not listed on COC

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M94771: Chain of Custody
Page 3 of 3

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **ExxonMobil**

Project Location: **GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT** **Project Number:** **PO#4512148080 WBS#08**

Sampling Date(s): **10/5/2010**

Laboratory Sample ID(s): M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9, M94771-10, M94771-6S, M94771-6D

Methods: refer to case narrative.

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☐ No ☑
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 11/1/2010
Accutest New England

Internal Sample Tracking Chronicle

ExxonMobil

Job No: M94771

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M94771-1 MW-102	Collected: 05-OCT-10 11:11 By: BM		Received: 06-OCT-10 By: SAP			
M94771-1	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-1	SW846 8260B	07-OCT-10 17:42	JP			V8260STD
M94771-1	SM21 2320B	08-OCT-10	BF			ALK
M94771-1	SW846 7470A	13-OCT-10 15:17	MA	13-OCT-10	MA	HG
M94771-1	SW846 6010B	13-OCT-10 23:20	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-1	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-2 MW-103D	Collected: 05-OCT-10 09:36 By: BM		Received: 06-OCT-10 By: SAP			
M94771-2	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-2	SW846 8260B	07-OCT-10 18:10	JP			V8260STD
M94771-2	SM21 2320B	08-OCT-10	BF			ALK
M94771-2	SW846 7470A	13-OCT-10 15:19	MA	13-OCT-10	MA	HG
M94771-2	SW846 6010B	13-OCT-10 23:24	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-2	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-3 MW-107	Collected: 05-OCT-10 13:51 By: BM		Received: 06-OCT-10 By: SAP			
M94771-3	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-3	SM21 2320B	08-OCT-10	BF			ALK
M94771-3	SW846 8260B	08-OCT-10 12:21	JP			V8260STD
M94771-3	SW846 7470A	13-OCT-10 15:26	MA	13-OCT-10	MA	HG
M94771-3	SW846 6010B	13-OCT-10 23:42	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-3	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-3	CT-ETPH 7/06	21-OCT-10 12:25	WZ	12-OCT-10	CA	BCTTPH
M94771-3	SW846 8270C	23-OCT-10 23:08	AA	12-OCT-10	CA	B8270PAH
M94771-3	SW846 8270C	26-OCT-10 23:46	PR	12-OCT-10	CA	B8270PAH
M94771-4 MW-110	Collected: 05-OCT-10 20:56 By: BM		Received: 06-OCT-10 By: SAP			
M94771-4	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-4	SW846 8260B	07-OCT-10 18:38	JP			V8260STD
M94771-4	SW846 7470A	13-OCT-10 15:28	MA	13-OCT-10	MA	HG
M94771-4	SW846 6010B	13-OCT-10 23:29	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE

Internal Sample Tracking Chronicle

ExxonMobil

Job No: M94771

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M94771-4	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-4	SM21 2320B	14-OCT-10	SA			ALK
M94771-4	CT-ETPH 7/06	19-OCT-10 18:27	SS	12-OCT-10	AJ	BCTTPH
M94771-4	SW846 8270C	25-OCT-10 13:23	PR	12-OCT-10	CA	B8270PAH
M94771-5 MW-106	Collected: 05-OCT-10 00:00 By: BM		Received: 06-OCT-10 By: SAP			
M94771-5	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-5	SW846 8260B	07-OCT-10 19:06	JP			V8260STD
M94771-5	SW846 7470A	13-OCT-10 15:30	MA	13-OCT-10	MA	HG
M94771-5	SW846 6010B	13-OCT-10 23:55	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-5	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-5	SM21 2320B	14-OCT-10	SA			ALK
M94771-5	CT-ETPH 7/06	21-OCT-10 13:01	WZ	12-OCT-10	CA	BCTTPH
M94771-5	SW846 8270C	25-OCT-10 13:51	PR	12-OCT-10	CA	B8270PAH
M94771-6 MW-3	Collected: 05-OCT-10 17:14 By: BM		Received: 06-OCT-10 By: SAP			
M94771-6	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-6	SW846 8260B	07-OCT-10 19:35	JP			V8260STD
M94771-6	SW846 7470A	13-OCT-10 15:15	MA	13-OCT-10	MA	HG
M94771-6	SW846 6010B	13-OCT-10 23:07	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-6	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-6	SM21 2320B	14-OCT-10	SA			ALK
M94771-6	SW846 8270C	14-OCT-10 22:04	PR	12-OCT-10	MEW	B8270PAH
M94771-6	CT-ETPH 7/06	19-OCT-10 17:09	SS	12-OCT-10	AJ	BCTTPH
M94771-7 MW-4	Collected: 05-OCT-10 15:06 By: BM		Received: 06-OCT-10 By: SAP			
M94771-7	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-7	SW846 8260B	08-OCT-10 11:53	JP			V8260STD
M94771-7	SM21 2320B	12-OCT-10	CF			ALK
M94771-7	SW846 7470A	13-OCT-10 15:33	MA	13-OCT-10	MA	HG
M94771-7	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-7	SW846 6010B	14-OCT-10	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-7	CT-ETPH 7/06	21-OCT-10 13:38	WZ	12-OCT-10	CA	BCTTPH
M94771-7	SW846 8270C	25-OCT-10 14:20	PR	12-OCT-10	CA	B8270PAH

Internal Sample Tracking Chronicle

ExxonMobil

Job No: M94771

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M94771-8 FB	Collected: 05-OCT-10 16:10 By: BM		Received: 06-OCT-10 By: SAP			
M94771-8	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-8	SW846 8260B	07-OCT-10 17:14	JP			V8260STD
M94771-8	SW846 7470A	13-OCT-10 15:35	MA	13-OCT-10	MA	HG
M94771-8	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-8	SM21 2320B	14-OCT-10	SA			ALK
M94771-8	SW846 6010B	14-OCT-10 00:04	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-8	CT-ETPH 7/06	19-OCT-10 20:25	SS	12-OCT-10	AJ	BCTTPH
M94771-8	SW846 8270C	25-OCT-10 14:49	PR	12-OCT-10	CA	B8270PAH
M94771-9 FD	Collected: 05-OCT-10 00:00 By: BM		Received: 06-OCT-10 By: SAP			
M94771-9	SM21 5210B	07-OCT-10	CF	07-OCT-10	CF	BOD
M94771-9	SW846 8260B	07-OCT-10 20:59	JP			V8260STD
M94771-9	SW846 7470A	13-OCT-10 15:37	MA	13-OCT-10	MA	HG
M94771-9	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94771-9	SM21 2320B	14-OCT-10	SA			ALK
M94771-9	SW846 6010B	14-OCT-10 00:08	DA	13-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94771-9	CT-ETPH 7/06	21-OCT-10 14:14	WZ	12-OCT-10	CA	BCTTPH
M94771-9	SW846 8270C	25-OCT-10 15:17	PR	12-OCT-10	CA	B8270PAH
M94771-10 TRIP BLANK	Collected: 22-SEP-10 00:00 By: BM		Received: 06-OCT-10 By: SAP			
M94771-10	SW846 8260B	07-OCT-10 16:45	JP			V8260STD

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1744-MB	N46166.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1744-MB	N46166.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	89%	70-130%

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1744-MB	N46166.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	96%	70-130%

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1746-MB	N46193.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1746-MB	N46193.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	70-130%
2037-26-5	Toluene-D8	88%	70-130%

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1746-MB	N46193.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1744-BS	N46163.D	1	10/07/10	JP	n/a	n/a	MSN1744
MSN1744-BSD	N46164.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	51.3	103	41.0	82	22	70-130/25
71-43-2	Benzene	50	47.9	96	46.2	92	4	70-130/25
108-86-1	Bromobenzene	50	46.4	93	45.8	92	1	70-130/25
74-97-5	Bromochloromethane	50	48.4	97	47.8	96	1	70-130/25
75-27-4	Bromodichloromethane	50	50.5	101	48.1	96	5	70-130/25
75-25-2	Bromoform	50	50.4	101	48.2	96	4	70-130/25
74-83-9	Bromomethane	50	40.1	80	36.1	72	10	70-130/25
78-93-3	2-Butanone (MEK)	50	45.1	90	45.9	92	2	70-130/25
104-51-8	n-Butylbenzene	50	44.0	88	42.4	85	4	70-130/25
135-98-8	sec-Butylbenzene	50	45.8	92	43.5	87	5	70-130/25
98-06-6	tert-Butylbenzene	50	45.4	91	44.2	88	3	70-130/25
75-15-0	Carbon disulfide	50	46.9	94	44.1	88	6	70-130/25
56-23-5	Carbon tetrachloride	50	58.0	116	54.3	109	7	70-130/25
108-90-7	Chlorobenzene	50	48.4	97	45.8	92	6	70-130/25
75-00-3	Chloroethane	50	51.9	104	36.1	72	36* [a]	70-130/25
67-66-3	Chloroform	50	51.4	103	49.5	99	4	70-130/25
74-87-3	Chloromethane	50	35.5	71	34.8	70	2	70-130/25
95-49-8	o-Chlorotoluene	50	47.5	95	46.7	93	2	70-130/25
106-43-4	p-Chlorotoluene	50	46.1	92	45.0	90	2	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	50	47.3	95	48.2	96	2	70-130/25
124-48-1	Dibromochloromethane	50	51.5	103	49.2	98	5	70-130/25
106-93-4	1,2-Dibromoethane	50	47.4	95	44.9	90	5	70-130/25
95-50-1	1,2-Dichlorobenzene	50	46.3	93	45.7	91	1	70-130/25
541-73-1	1,3-Dichlorobenzene	50	45.5	91	45.2	90	1	70-130/25
106-46-7	1,4-Dichlorobenzene	50	46.9	94	45.5	91	3	70-130/25
75-71-8	Dichlorodifluoromethane	50	31.2	62* [b]	30.4	61* [b]	3	70-130/25
75-34-3	1,1-Dichloroethane	50	46.0	92	44.6	89	3	70-130/25
107-06-2	1,2-Dichloroethane	50	49.6	99	47.9	96	3	70-130/25
75-35-4	1,1-Dichloroethene	50	43.6	87	41.1	82	6	70-130/25
156-59-2	cis-1,2-Dichloroethene	50	45.9	92	43.2	86	6	70-130/25
156-60-5	trans-1,2-Dichloroethene	50	45.4	91	42.9	86	6	70-130/25
78-87-5	1,2-Dichloropropane	50	47.4	95	45.9	92	3	70-130/25
142-28-9	1,3-Dichloropropane	50	47.7	95	45.7	91	4	70-130/25
594-20-7	2,2-Dichloropropane	50	48.8	98	45.1	90	8	70-130/25
563-58-6	1,1-Dichloropropene	50	50.5	101	47.4	95	6	70-130/25
10061-01-5	cis-1,3-Dichloropropene	50	48.1	96	46.4	93	4	70-130/25

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1744-BS	N46163.D	1	10/07/10	JP	n/a	n/a	MSN1744
MSN1744-BSD	N46164.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	52.2	104	50.8	102	3	70-130/25
100-41-4	Ethylbenzene	50	49.0	98	45.7	91	7	70-130/25
87-68-3	Hexachlorobutadiene	50	43.2	86	41.7	83	4	70-130/25
591-78-6	2-Hexanone	50	47.1	94	43.6	87	8	70-130/25
74-88-4	Iodomethane	50	35.7	71	32.2	64* [b]	10	70-130/25
98-82-8	Isopropylbenzene	50	53.0	106	51.5	103	3	70-130/25
99-87-6	p-Isopropyltoluene	50	45.7	91	44.2	88	3	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	44.3	89	43.0	86	3	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	40.7	81	39.6	79	3	70-130/25
74-95-3	Methylene bromide	50	49.5	99	48.4	97	2	70-130/25
75-09-2	Methylene chloride	50	43.5	87	42.6	85	2	70-130/25
91-20-3	Naphthalene	50	46.1	92	45.3	91	2	70-130/25
103-65-1	n-Propylbenzene	50	45.5	91	44.4	89	2	70-130/25
100-42-5	Styrene	50	47.3	95	44.7	89	6	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	50	51.1	102	48.3	97	6	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	50	48.7	97	49.3	99	1	70-130/25
127-18-4	Tetrachloroethene	50	48.1	96	45.3	91	6	70-130/25
108-88-3	Toluene	50	50.3	101	48.5	97	4	70-130/25
87-61-6	1,2,3-Trichlorobenzene	50	44.5	89	44.5	89	0	70-130/25
120-82-1	1,2,4-Trichlorobenzene	50	45.1	90	44.8	90	1	70-130/25
71-55-6	1,1,1-Trichloroethane	50	53.0	106	49.0	98	8	70-130/25
79-00-5	1,1,2-Trichloroethane	50	47.2	94	46.3	93	2	70-130/25
79-01-6	Trichloroethene	50	47.2	94	46.4	93	2	70-130/25
75-69-4	Trichlorofluoromethane	50	46.0	92	39.4	79	15	70-130/25
96-18-4	1,2,3-Trichloropropane	50	46.2	92	46.4	93	0	70-130/25
95-63-6	1,2,4-Trimethylbenzene	50	46.5	93	45.1	90	3	70-130/25
108-67-8	1,3,5-Trimethylbenzene	50	46.9	94	45.7	91	3	70-130/25
108-05-4	Vinyl Acetate	50	188	376* [c]	184	368* [c]	2	70-130/25
75-01-4	Vinyl chloride	50	47.7	95	46.2	92	3	70-130/25
1330-20-7	Xylene (total)	150	150	100	140	93	7	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	92%	92%	70-130%
2037-26-5	Toluene-D8	89%	89%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1744-BS	N46163.D	1	10/07/10	JP	n/a	n/a	MSN1744
MSN1744-BSD	N46164.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	83%	85%	70-130%

(a) Outside control limits. Individual spike recoveries within acceptance limits.
(b) Outside control limits. Blank Spike meets program technical requirements.
(c) Outside control limits. Associated samples are non-detect for this compound.

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1746-BS	N46190.D	1	10/08/10	JP	n/a	n/a	MSN1746
MSN1746-BSD	N46191.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	43.7	87	42.4	85	3	70-130/25
71-43-2	Benzene	50	47.3	95	44.8	90	5	70-130/25
108-86-1	Bromobenzene	50	47.0	94	45.7	91	3	70-130/25
74-97-5	Bromochloromethane	50	49.1	98	47.4	95	4	70-130/25
75-27-4	Bromodichloromethane	50	52.8	106	51.1	102	3	70-130/25
75-25-2	Bromoform	50	53.5	107	51.9	104	3	70-130/25
74-83-9	Bromomethane	50	32.6	65* [a]	31.1	62* [a]	5	70-130/25
78-93-3	2-Butanone (MEK)	50	44.4	89	45.0	90	1	70-130/25
104-51-8	n-Butylbenzene	50	44.5	89	41.7	83	6	70-130/25
135-98-8	sec-Butylbenzene	50	45.7	91	43.7	87	4	70-130/25
98-06-6	tert-Butylbenzene	50	47.9	96	44.7	89	7	70-130/25
75-15-0	Carbon disulfide	50	45.1	90	40.9	82	10	70-130/25
56-23-5	Carbon tetrachloride	50	66.0	132* [a]	59.9	120	10	70-130/25
108-90-7	Chlorobenzene	50	47.5	95	46.3	93	3	70-130/25
75-00-3	Chloroethane	50	37.6	75	35.4	71	6	70-130/25
67-66-3	Chloroform	50	53.7	107	50.7	101	6	70-130/25
74-87-3	Chloromethane	50	33.7	67* [a]	32.0	64* [a]	5	70-130/25
95-49-8	o-Chlorotoluene	50	48.3	97	46.4	93	4	70-130/25
106-43-4	p-Chlorotoluene	50	46.9	94	44.5	89	5	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	50	51.2	102	49.0	98	4	70-130/25
124-48-1	Dibromochloromethane	50	53.2	106	52.8	106	1	70-130/25
106-93-4	1,2-Dibromoethane	50	46.7	93	45.3	91	3	70-130/25
95-50-1	1,2-Dichlorobenzene	50	46.6	93	45.7	91	2	70-130/25
541-73-1	1,3-Dichlorobenzene	50	46.5	93	44.5	89	4	70-130/25
106-46-7	1,4-Dichlorobenzene	50	47.3	95	46.3	93	2	70-130/25
75-71-8	Dichlorodifluoromethane	50	30.0	60* [a]	26.8	54* [a]	11	70-130/25
75-34-3	1,1-Dichloroethane	50	46.7	93	43.4	87	7	70-130/25
107-06-2	1,2-Dichloroethane	50	54.4	109	52.3	105	4	70-130/25
75-35-4	1,1-Dichloroethene	50	42.1	84	39.7	79	6	70-130/25
156-59-2	cis-1,2-Dichloroethene	50	44.6	89	42.6	85	5	70-130/25
156-60-5	trans-1,2-Dichloroethene	50	44.4	89	41.2	82	7	70-130/25
78-87-5	1,2-Dichloropropane	50	46.2	92	44.6	89	4	70-130/25
142-28-9	1,3-Dichloropropane	50	46.2	92	45.8	92	1	70-130/25
594-20-7	2,2-Dichloropropane	50	50.4	101	45.8	92	10	70-130/25
563-58-6	1,1-Dichloropropene	50	50.9	102	47.9	96	6	70-130/25
10061-01-5	cis-1,3-Dichloropropene	50	48.1	96	46.2	92	4	70-130/25

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1746-BS	N46190.D	1	10/08/10	JP	n/a	n/a	MSN1746
MSN1746-BSD	N46191.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	54.4	109	52.6	105	3	70-130/25
100-41-4	Ethylbenzene	50	48.4	97	46.9	94	3	70-130/25
87-68-3	Hexachlorobutadiene	50	48.3	97	45.6	91	6	70-130/25
591-78-6	2-Hexanone	50	42.5	85	42.1	84	1	70-130/25
74-88-4	Iodomethane	50	34.1	68* [a]	31.9	64* [a]	7	70-130/25
98-82-8	Isopropylbenzene	50	53.4	107	50.8	102	5	70-130/25
99-87-6	p-Isopropyltoluene	50	46.9	94	44.5	89	5	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	44.7	89	43.2	86	3	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	39.9	80	37.9	76	5	70-130/25
74-95-3	Methylene bromide	50	51.6	103	49.0	98	5	70-130/25
75-09-2	Methylene chloride	50	42.2	84	40.8	82	3	70-130/25
91-20-3	Naphthalene	50	46.3	93	45.7	91	1	70-130/25
103-65-1	n-Propylbenzene	50	45.3	91	43.3	87	5	70-130/25
100-42-5	Styrene	50	46.6	93	45.4	91	3	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	50	53.4	107	51.5	103	4	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	50	45.9	92	45.7	91	0	70-130/25
127-18-4	Tetrachloroethene	50	48.1	96	46.5	93	3	70-130/25
108-88-3	Toluene	50	50.4	101	48.6	97	4	70-130/25
87-61-6	1,2,3-Trichlorobenzene	50	45.7	91	44.8	90	2	70-130/25
120-82-1	1,2,4-Trichlorobenzene	50	47.0	94	45.8	92	3	70-130/25
71-55-6	1,1,1-Trichloroethane	50	57.1	114	51.9	104	10	70-130/25
79-00-5	1,1,2-Trichloroethane	50	46.1	92	46.3	93	0	70-130/25
79-01-6	Trichloroethene	50	50.1	100	46.3	93	8	70-130/25
75-69-4	Trichlorofluoromethane	50	44.7	89	40.9	82	9	70-130/25
96-18-4	1,2,3-Trichloropropane	50	45.1	90	44.5	89	1	70-130/25
95-63-6	1,2,4-Trimethylbenzene	50	47.6	95	45.3	91	5	70-130/25
108-67-8	1,3,5-Trimethylbenzene	50	47.5	95	45.4	91	5	70-130/25
108-05-4	Vinyl Acetate	50	176	352* [b]	167	334* [b]	5	70-130/25
75-01-4	Vinyl chloride	50	50.5	101	46.4	93	8	70-130/25
1330-20-7	Xylene (total)	150	148	99	142	95	4	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	95%	94%	70-130%
2037-26-5	Toluene-D8	89%	89%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1746-BS	N46190.D	1	10/08/10	JP	n/a	n/a	MSN1746
MSN1746-BSD	N46191.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	84%	84%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.
(b) Outside control limits. Associated samples are non-detect for this compound.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94771-6MS	N46179.D	1	10/07/10	JP	n/a	n/a	MSN1744
M94771-6MSD	N46180.D	1	10/07/10	JP	n/a	n/a	MSN1744
M94771-6	N46178.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Compound	M94771-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	13.1	26* [a]	21.8	44* [a]	50* [b]	70-130/30
71-43-2	Benzene	ND		50	48.0	96	43.8	88	9	70-130/30
108-86-1	Bromobenzene	ND		50	42.4	85	39.5	79	7	70-130/30
74-97-5	Bromochloromethane	ND		50	48.5	97	45.8	92	6	70-130/30
75-27-4	Bromodichloromethane	ND		50	54.1	108	48.1	96	12	70-130/30
75-25-2	Bromoform	ND		50	47.8	96	46.8	94	2	70-130/30
74-83-9	Bromomethane	ND		50	38.7	77	34.1	68* [a]	13	70-130/30
78-93-3	2-Butanone (MEK)	ND		50	21.5	43* [a]	10.8	22* [a]	66* [b]	70-130/30
104-51-8	n-Butylbenzene	ND		50	44.6	89	40.9	82	9	70-130/30
135-98-8	sec-Butylbenzene	ND		50	44.8	90	41.9	84	7	70-130/30
98-06-6	tert-Butylbenzene	ND		50	46.8	94	42.6	85	9	70-130/30
75-15-0	Carbon disulfide	ND		50	45.9	92	42.4	85	8	70-130/30
56-23-5	Carbon tetrachloride	ND		50	68.5	137* [a]	59.6	119	14	70-130/30
108-90-7	Chlorobenzene	ND		50	43.2	86	41.5	83	4	70-130/30
75-00-3	Chloroethane	ND		50	54.2	108	43.5	87	22	70-130/30
67-66-3	Chloroform	ND		50	58.3	117	53.2	106	9	70-130/30
74-87-3	Chloromethane	ND		50	43.3	87	39.4	79	9	70-130/30
95-49-8	o-Chlorotoluene	ND		50	47.4	95	44.0	88	7	70-130/30
106-43-4	p-Chlorotoluene	ND		50	44.3	89	41.9	84	6	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	45.7	91	44.9	90	2	70-130/30
124-48-1	Dibromochloromethane	ND		50	47.6	95	45.9	92	4	70-130/30
106-93-4	1,2-Dibromoethane	ND		50	41.5	83	40.7	81	2	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		50	43.5	87	41.5	83	5	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		50	43.6	87	40.3	81	8	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		50	44.2	88	41.4	83	7	70-130/30
75-71-8	Dichlorodifluoromethane	ND		50	51.8	104	46.7	93	10	70-130/30
75-34-3	1,1-Dichloroethane	ND		50	50.5	101	46.5	93	8	70-130/30
107-06-2	1,2-Dichloroethane	ND		50	55.9	112	49.8	100	12	70-130/30
75-35-4	1,1-Dichloroethene	ND		50	43.1	86	40.6	81	6	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		50	47.6	95	44.2	88	7	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		50	44.5	89	41.1	82	8	70-130/30
78-87-5	1,2-Dichloropropane	ND		50	49.3	99	44.7	89	10	70-130/30
142-28-9	1,3-Dichloropropane	ND		50	45.5	91	43.8	88	4	70-130/30
594-20-7	2,2-Dichloropropane	ND		50	54.1	108	47.9	96	12	70-130/30
563-58-6	1,1-Dichloropropene	ND		50	53.0	106	46.5	93	13	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		50	47.0	94	43.1	86	9	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94771-6MS	N46179.D	1	10/07/10	JP	n/a	n/a	MSN1744
M94771-6MSD	N46180.D	1	10/07/10	JP	n/a	n/a	MSN1744
M94771-6	N46178.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Compound	M94771-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	48.0	96	44.5	89	8	70-130/30
100-41-4	Ethylbenzene	ND		50	46.6	93	43.7	87	6	70-130/30
87-68-3	Hexachlorobutadiene	ND		50	42.2	84	40.1	80	5	70-130/30
591-78-6	2-Hexanone	ND		50	26.3	53* [a]	24.3	49* [a]	8	70-130/30
74-88-4	Iodomethane	ND		50	33.2	66* [a]	35.6	71	7	70-130/30
98-82-8	Isopropylbenzene	ND		50	44.5	89	41.4	83	7	70-130/30
99-87-6	p-Isopropyltoluene	ND		50	44.8	90	41.4	83	8	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		50	45.8	92	43.9	88	4	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	37.0	74	35.9	72	3	70-130/30
74-95-3	Methylene bromide	ND		50	51.1	102	47.2	94	8	70-130/30
75-09-2	Methylene chloride	ND		50	42.8	86	40.0	80	7	70-130/30
91-20-3	Naphthalene	ND		50	40.6	81	41.0	82	1	70-130/30
103-65-1	n-Propylbenzene	ND		50	45.7	91	41.9	84	9	70-130/30
100-42-5	Styrene	ND		50	41.2	82	39.3	79	5	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	49.3	99	47.7	95	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	44.7	89	43.4	87	3	70-130/30
127-18-4	Tetrachloroethene	ND		50	43.8	88	40.7	81	7	70-130/30
108-88-3	Toluene	ND		50	51.1	102	46.3	93	10	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		50	40.8	82	40.2	80	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		50	42.1	84	40.9	82	3	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		50	62.5	125	55.0	110	13	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		50	47.3	95	43.8	88	8	70-130/30
79-01-6	Trichloroethene	ND		50	50.5	101	45.4	91	11	70-130/30
75-69-4	Trichlorofluoromethane	ND		50	54.5	109	49.0	98	11	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		50	42.0	84	41.3	83	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		50	45.0	90	41.6	83	8	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		50	45.3	91	41.8	84	8	70-130/30
108-05-4	Vinyl Acetate	ND		50	54.6	109	54.6	109	0	70-130/30
75-01-4	Vinyl chloride	ND		50	58.1	116	55.4	111	5	70-130/30
1330-20-7	Xylene (total)	ND		150	138	92	131	87	5	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	M94771-6	Limits
1868-53-7	Dibromofluoromethane	104%	100%	105%	70-130%
2037-26-5	Toluene-D8	93%	90%	95%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94771-6MS	N46179.D	1	10/07/10	JP	n/a	n/a	MSN1744
M94771-6MSD	N46180.D	1	10/07/10	JP	n/a	n/a	MSN1744
M94771-6	N46178.D	1	10/07/10	JP	n/a	n/a	MSN1744

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-1, M94771-2, M94771-4, M94771-5, M94771-6, M94771-8, M94771-9, M94771-10

CAS No.	Surrogate Recoveries	MS	MSD	M94771-6	Limits
460-00-4	4-Bromofluorobenzene	86%	85%	99%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94744-6MS	N46208.D	5	10/08/10	JP	n/a	n/a	MSN1746
M94744-6MSD	N46209.D	5	10/08/10	JP	n/a	n/a	MSN1746
M94744-6	N46202.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Compound	M94744-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	106	42* [a]	104	42* [a]	2	70-130/30
71-43-2	Benzene	ND		250	237	95	230	92	3	70-130/30
108-86-1	Bromobenzene	ND		250	227	91	226	90	0	70-130/30
74-97-5	Bromochloromethane	ND		250	251	100	245	98	2	70-130/30
75-27-4	Bromodichloromethane	ND		250	265	106	249	100	6	70-130/30
75-25-2	Bromoform	ND		250	269	108	271	108	1	70-130/30
74-83-9	Bromomethane	ND		250	156	62* [a]	161	64* [a]	3	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	120	48* [a]	130	52* [a]	8	70-130/30
104-51-8	n-Butylbenzene	ND		250	219	88	220	88	0	70-130/30
135-98-8	sec-Butylbenzene	ND		250	227	91	220	88	3	70-130/30
98-06-6	tert-Butylbenzene	ND		250	235	94	230	92	2	70-130/30
75-15-0	Carbon disulfide	ND		250	210	84	207	83	1	70-130/30
56-23-5	Carbon tetrachloride	ND		250	332	133* [a]	314	126	6	70-130/30
108-90-7	Chlorobenzene	ND		250	231	92	233	93	1	70-130/30
75-00-3	Chloroethane	ND		250	202	81	196	78	3	70-130/30
67-66-3	Chloroform	ND		250	279	112	265	106	5	70-130/30
74-87-3	Chloromethane	ND		250	188	75	189	76	1	70-130/30
95-49-8	o-Chlorotoluene	ND		250	236	94	238	95	1	70-130/30
106-43-4	p-Chlorotoluene	ND		250	222	89	222	89	0	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	252	101	255	102	1	70-130/30
124-48-1	Dibromochloromethane	ND		250	256	102	260	104	2	70-130/30
106-93-4	1,2-Dibromoethane	ND		250	229	92	236	94	3	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		250	228	91	229	92	0	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		250	224	90	226	90	1	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	236	94	232	93	2	70-130/30
75-71-8	Dichlorodifluoromethane	ND		250	239	96	236	94	1	70-130/30
75-34-3	1,1-Dichloroethane	ND		250	234	94	230	92	2	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	274	110	260	104	5	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	211	84	205	82	3	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		250	227	91	226	90	0	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	213	85	212	85	0	70-130/30
78-87-5	1,2-Dichloropropane	ND		250	233	93	229	92	2	70-130/30
142-28-9	1,3-Dichloropropane	ND		250	234	94	233	93	0	70-130/30
594-20-7	2,2-Dichloropropane	ND		250	254	102	241	96	5	70-130/30
563-58-6	1,1-Dichloropropene	ND		250	255	102	241	96	6	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	235	94	226	90	4	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94744-6MS	N46208.D	5	10/08/10	JP	n/a	n/a	MSN1746
M94744-6MSD	N46209.D	5	10/08/10	JP	n/a	n/a	MSN1746
M94744-6	N46202.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Compound	M94744-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	244	98	244	98	0	70-130/30
100-41-4	Ethylbenzene	ND		250	236	94	239	96	1	70-130/30
87-68-3	Hexachlorobutadiene	ND		250	222	89	227	91	2	70-130/30
591-78-6	2-Hexanone	ND		250	133	53* [a]	139	56* [a]	4	70-130/30
74-88-4	Iodomethane	ND		250	164	66* [a]	179	72	9	70-130/30
98-82-8	Isopropylbenzene	ND		250	226	90	227	91	0	70-130/30
99-87-6	p-Isopropyltoluene	ND		250	228	91	224	90	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	221	88	219	88	1	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	191	76	185	74	3	70-130/30
74-95-3	Methylene bromide	ND		250	253	101	248	99	2	70-130/30
75-09-2	Methylene chloride	ND		250	204	82	204	82	0	70-130/30
91-20-3	Naphthalene	ND		250	224	90	235	94	5	70-130/30
103-65-1	n-Propylbenzene	ND		250	224	90	224	90	0	70-130/30
100-42-5	Styrene	ND		250	219	88	217	87	1	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	267	107	262	105	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	233	93	240	96	3	70-130/30
127-18-4	Tetrachloroethene	4.0		250	237	93	240	94	1	70-130/30
108-88-3	Toluene	ND		250	252	101	248	99	2	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		250	226	90	230	92	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		250	225	90	234	94	4	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		250	289	116	277	111	4	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		250	243	97	235	94	3	70-130/30
79-01-6	Trichloroethene	ND		250	253	101	249	100	2	70-130/30
75-69-4	Trichlorofluoromethane	ND		250	256	102	244	98	5	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		250	224	90	230	92	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		250	230	92	231	92	0	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		250	232	93	231	92	0	70-130/30
108-05-4	Vinyl Acetate	ND		250	257	103	266	106	3	70-130/30
75-01-4	Vinyl chloride	ND		250	274	110	260	104	5	70-130/30
1330-20-7	Xylene (total)	ND		750	728	97	723	96	1	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	M94744-6	Limits
1868-53-7	Dibromofluoromethane	95%	94%	86%	70-130%
2037-26-5	Toluene-D8	90%	89%	87%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94744-6MS	N46208.D	5	10/08/10	JP	n/a	n/a	MSN1746
M94744-6MSD	N46209.D	5	10/08/10	JP	n/a	n/a	MSN1746
M94744-6	N46202.D	1	10/08/10	JP	n/a	n/a	MSN1746

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94771-3, M94771-7

CAS No.	Surrogate Recoveries	MS	MSD	M94744-6	Limits
460-00-4	4-Bromofluorobenzene	83%	86%	86%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Volatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSN1744-CC1688	**Injection Date:**	10/07/10
Lab File ID:	N46162.D	**Injection Time:**	11:30
Instrument ID:	GCMSN	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	115338	8.61	205045	9.47	128119	12.72	93788	15.28	60265	6.20
Upper Limit [a]	230676	9.11	410090	9.97	256238	13.22	187576	15.78	120530	6.70
Lower Limit [b]	57669	8.11	102523	8.97	64060	12.22	46894	14.78	30133	5.70

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSN1744-BS	120078	8.61	210225	9.47	132955	12.72	96278	15.28	65199	6.20
MSN1745-BS	120078	8.61	210225	9.47	132955	12.72	96278	15.28	65199	6.20
MSN1744-BSD	124002	8.61	215491	9.47	138567	12.72	96146	15.28	64847	6.19
MSN1745-BSD	124002	8.61	215491	9.47	138567	12.72	96146	15.28	64847	6.19
MSN1744-MB	108177	8.61	190333	9.47	118724	12.72	70762	15.28	60866	6.19
MSN1745-MB	108177	8.61	190333	9.47	118724	12.72	70762	15.28	60866	6.19
M94623-1	101916	8.61	170452	9.47	109556	12.72	62975	15.28	157137[c]	6.19
M94623-1DUP	100238	8.61	175544	9.47	115216	12.72	65739	15.28	60965	6.20
ZZZZZZ	95933	8.61	170279	9.47	111317	12.72	71914	15.28	56184	6.19
ZZZZZZ	98687	8.61	177148	9.47	113634	12.72	76371	15.28	56888	6.20
ZZZZZZ	104339	8.61	182313	9.47	117336	12.72	67974	15.28	57821	6.19
M94771-10	98023	8.61	171933	9.47	111249	12.72	64068	15.28	52583	6.19
M94771-8	94186	8.61	163381	9.47	108108	12.72	62424	15.28	50216	6.19
M94771-1	91112	8.61	163822	9.47	106717	12.72	58980	15.28	50977	6.19
M94771-2	87522	8.61	157488	9.47	103061	12.72	58715	15.28	47698	6.19
M94771-4	85884	8.61	153230	9.47	103106	12.72	57248	15.28	46174	6.19
M94771-5	84255	8.61	146864	9.47	100305	12.72	56748	15.28	46995	6.19
M94771-6	81935	8.61	144404	9.47	99454	12.72	56394	15.28	41378	6.20
M94771-6MS	89369	8.61	158792	9.47	110376	12.72	79874	15.28	47780	6.19
M94771-6MSD	98353	8.61	176567	9.47	116847	12.72	84631	15.28	53529	6.20
M94771-9	95321	8.61	169439	9.47	109047	12.72	64256	15.28	52664	6.19
ZZZZZZ	89434	8.61	157951	9.47	104419	12.72	62340	15.28	48607	6.19
ZZZZZZ	85899	8.61	150969	9.47	102012	12.72	57651	15.28	44745	6.19

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits. Target analytes not associated with this internal standard.

Volatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSN1746-CC1688	**Injection Date:**	10/08/10
Lab File ID:	N46189.D	**Injection Time:**	09:23
Instrument ID:	GCMSN	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	111345	8.61	188156	9.47	126189	12.72	90059	15.27	78366	6.19
Upper Limit [a]	222690	9.11	376312	9.97	252378	13.22	180118	15.77	156732	6.69
Lower Limit [b]	55673	8.11	94078	8.97	63095	12.22	45030	14.77	39183	5.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSN1746-BS	117996	8.61	202904	9.47	132760	12.72	96377	15.27	68147	6.19
MSN1746-BSD	125665	8.61	213368	9.47	137407	12.72	99729	15.28	69143	6.19
MSN1746-MB	112413	8.61	187431	9.47	120463	12.72	70375	15.28	62891	6.19
M94771-7 [c]	105980	8.61	176550	9.47	116539	12.72	67052	15.28	59691	6.19
M94771-3 [c]	98890	8.61	169756	9.47	111299	12.72	63247	15.28	52643	6.20
ZZZZZZ	95432	8.61	161801	9.47	106266	12.72	61481	15.28	51729	6.20
ZZZZZZ	91534	8.61	160610	9.47	106071	12.72	58598	15.28	51851	6.19
ZZZZZZ	102308	8.61	177510	9.47	125313	12.72	101660	15.28	61847	6.19
ZZZZZZ	152127	8.61	251583	9.47	151881	12.72	104012	15.28	74095	6.19
ZZZZZZ	145556	8.61	242728	9.47	146189	12.72	95626	15.28	75547	6.19
M94744-6	143895	8.61	242581	9.47	144365	12.72	96863	15.28	72882	6.19
ZZZZZZ	133030	8.61	229890	9.47	140653	12.72	91445	15.28	72552	6.20
ZZZZZZ	127663	8.61	216851	9.47	133819	12.72	84638	15.28	68419	6.19
ZZZZZZ	120137	8.61	203349	9.48	131207	12.72	79312	15.28	63667	6.19
ZZZZZZ	112901	8.61	192433	9.47	124381	12.72	74728	15.28	62177	6.19
ZZZZZZ	106930	8.61	183871	9.47	119369	12.72	70872	15.28	59641	6.19
M94744-6MS	115056	8.61	197133	9.47	130969	12.72	96773	15.28	62942	6.19
M94744-6MSD	121727	8.61	210847	9.47	135180	12.72	98786	15.28	61474	6.19
ZZZZZZ	118581	8.61	199617	9.47	126379	12.72	80495	15.28	61915	6.20
ZZZZZZ	112122	8.61	187416	9.47	121685	12.72	74140	15.28	58688	6.19
ZZZZZZ	108227	8.61	183078	9.47	119711	12.72	77071	15.28	55577	6.20
ZZZZZZ	108973	8.61	187077	9.47	120574	12.72	74070	15.28	55236	6.19

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Elevated RL due to dilution required for matrix interference.

Volatile Surrogate Recovery Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M94771-1	N46174.D	100.0	88.0	100.0
M94771-2	N46175.D	99.0	89.0	99.0
M94771-3	N46195.D	100.0	89.0	98.0
M94771-4	N46176.D	101.0	90.0	98.0
M94771-5	N46177.D	101.0	92.0	96.0
M94771-6	N46178.D	105.0	95.0	99.0
M94771-7	N46194.D	96.0	89.0	96.0
M94771-8	N46173.D	97.0	92.0	99.0
M94771-9	N46181.D	99.0	90.0	97.0
M94771-10	N46172.D	98.0	90.0	97.0
M94744-6MS	N46208.D	95.0	90.0	83.0
M94744-6MSD	N46209.D	94.0	89.0	86.0
M94771-6MS	N46179.D	104.0	93.0	86.0
M94771-6MSD	N46180.D	100.0	90.0	85.0
MSN1744-BS	N46163.D	92.0	89.0	83.0
MSN1744-BSD	N46164.D	92.0	89.0	85.0
MSN1744-MB	N46166.D	96.0	89.0	96.0
MSN1746-BS	N46190.D	95.0	89.0	84.0
MSN1746-BSD	N46191.D	94.0	89.0	84.0
MSN1746-MB	N46193.D	94.0	88.0	98.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22926-MB	F50013.D	1	10/14/10	PR	10/12/10	OP22926	MSF2390

The QC reported here applies to the following samples: **Method:** SW846 8270C

M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	38%	15-110%
4165-62-2	Phenol-d5	21%	15-110%
118-79-6	2,4,6-Tribromophenol	85%	15-110%
4165-60-0	Nitrobenzene-d5	87%	30-130%
321-60-8	2-Fluorobiphenyl	84%	30-130%
1718-51-0	Terphenyl-d14	86%	30-130%

Blank Spike Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22926-BS	F50014.D	1	10/14/10	PR	10/12/10	OP22926	MSF2390

The QC reported here applies to the following samples: **Method:** SW846 8270C

M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
83-32-9	Acenaphthene	50	38.6	77	40-140
208-96-8	Acenaphthylene	50	26.9	54	40-140
120-12-7	Anthracene	50	38.1	76	40-140
56-55-3	Benzo(a)anthracene	50	43.7	87	40-140
50-32-8	Benzo(a)pyrene	50	41.0	82	40-140
205-99-2	Benzo(b)fluoranthene	50	39.8	80	40-140
191-24-2	Benzo(g,h,i)perylene	50	50.5	101	40-140
207-08-9	Benzo(k)fluoranthene	50	43.7	87	40-140
218-01-9	Chrysene	50	41.6	83	40-140
53-70-3	Dibenzo(a,h)anthracene	50	47.9	96	40-140
206-44-0	Fluoranthene	50	38.9	78	40-140
86-73-7	Fluorene	50	40.1	80	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	50	50.2	100	40-140
91-20-3	Naphthalene	50	38.7	77	40-140
85-01-8	Phenanthrene	50	36.5	73	40-140
129-00-0	Pyrene	50	41.8	84	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	41%	15-110%
4165-62-2	Phenol-d5	24%	15-110%
118-79-6	2,4,6-Tribromophenol	83%	15-110%
4165-60-0	Nitrobenzene-d5	86%	30-130%
321-60-8	2-Fluorobiphenyl	80%	30-130%
1718-51-0	Terphenyl-d14	86%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22926-MS	F50031.D	1	10/14/10	PR	10/12/10	OP22926	MSF2393
OP22926-MSD	F50032.D	1	10/14/10	PR	10/12/10	OP22926	MSF2393
M94771-6	F50033.D	1	10/14/10	PR	10/12/10	OP22926	MSF2393

The QC reported here applies to the following samples: **Method:** SW846 8270C

M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

CAS No.	Compound	M94771-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		50	26.6	53	21.4	43	22* a	40-140/20
208-96-8	Acenaphthylene	ND		50	18.6	37* b	14.6	29* b	24* a	40-140/20
120-12-7	Anthracene	ND		50	26.9	54	20.9	42	25* a	40-140/20
56-55-3	Benzo(a)anthracene	ND		50	33.0	66	28.5	57	15	40-140/20
50-32-8	Benzo(a)pyrene	ND		50	28.7	57	25.7	51	11	40-140/20
205-99-2	Benzo(b)fluoranthene	ND		50	29.6	59	24.9	50	17	40-140/20
191-24-2	Benzo(g,h,i)perylene	ND		50	31.2	62	28.3	57	10	40-140/20
207-08-9	Benzo(k)fluoranthene	ND		50	31.0	62	25.9	52	18	40-140/20
218-01-9	Chrysene	ND		50	32.4	65	27.9	56	15	40-140/20
53-70-3	Dibenzo(a,h)anthracene	ND		50	31.8	64	28.2	56	12	40-140/20
206-44-0	Fluoranthene	ND		50	29.9	60	23.7	47	23* a	40-140/20
86-73-7	Fluorene	ND		50	27.4	55	22.0	44	22* a	40-140/20
193-39-5	Indeno(1,2,3-cd)pyrene	ND		50	33.5	67	29.7	59	12	40-140/20
91-20-3	Naphthalene	ND		50	27.1	54	20.8	42	26* a	40-140/20
85-01-8	Phenanthrene	ND		50	25.9	52	20.2	40	25* a	40-140/20
129-00-0	Pyrene	ND		50	27.7	55	22.7	45	20	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	M94771-6	Limits
367-12-4	2-Fluorophenol	34%	34%		15-110%
4165-62-2	Phenol-d5	21%	22%		15-110%
118-79-6	2,4,6-Tribromophenol	57%	43%		15-110%
4165-60-0	Nitrobenzene-d5	59%	46%	84%	30-130%
321-60-8	2-Fluorobiphenyl	55%	45%	78%	30-130%
1718-51-0	Terphenyl-d14	59%	57%	64%	30-130%

(a) High RPD due to possible matrix interference and/or sample non-homogeneity.
(b) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Semivolatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSF2390-CC2374	**Injection Date:**	10/14/10
Lab File ID:	F50012.D	**Injection Time:**	10:13
Instrument ID:	GCMSF	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	171226	5.03	646174	6.27	368089	8.64	601143	11.12	652050	16.05	650147	18.57
Upper Limit [a]	342452	5.53	1292348	6.77	736178	9.14	1202286	11.62	1304100	16.55	1300294	19.07
Lower Limit [b]	85613	4.53	323087	5.77	184045	8.14	300572	10.62	326025	15.55	325074	18.07

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP22930-MB	121093	5.02	440283	6.27	239524	8.63	383856	11.12	401171	16.05	373817	18.56
OP22926-MB	121093	5.02	440283	6.27	239524	8.63	383856	11.12	401171	16.05	373817	18.56
OP22930-BS	172351	5.03	648007	6.27	365153	8.64	596775	11.12	589289	16.05	559270	18.57
OP22926-BS	172351	5.03	648007	6.27	365153	8.64	596775	11.12	589289	16.05	559270	18.57
ZZZZZZ	157580	5.02	589251	6.27	327245	8.64	526416	11.12	579986	16.05	546525	18.57
M94806-21	120686	5.03	466897	6.27	258200	8.64	410182	11.12	442985	16.04	407044	18.56
ZZZZZZ	157298	5.02	587357	6.27	325117	8.63	517844	11.11	563473	16.05	572871	18.57
ZZZZZZ	140916	5.03	530496	6.28	290139	8.63	462460	11.12	512094	16.05	538319	18.57
ZZZZZZ	152386	5.03	652445	6.32	327042	8.65	552099	11.13	631597	16.06	797060	18.59
ZZZZZZ	135754	5.03	507404	6.27	293993	8.63	468991	11.12	512577	16.05	544443	18.57
ZZZZZZ	171005	5.02	630304	6.27	359951	8.64	590120	11.12	630017	16.05	641551	18.57
ZZZZZZ	140722	5.03	576894	6.31	300583	8.64	504505	11.12	554609	16.05	696131	18.57
ZZZZZZ	146363	5.03	542214	6.27	301821	8.64	498490	11.12	570676	16.05	613440	18.57
ZZZZZZ	131244	5.03	492246	6.27	281667	8.64	469848	11.11	505462	16.05	528821	18.57

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSF2393-CC2374	**Injection Date:**	10/14/10
Lab File ID:	F50026.D	**Injection Time:**	18:26
Instrument ID:	GCMSF	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	178013	5.02	674425	6.27	397901	8.64	673953	11.12	803884	16.06	919694	18.58
Upper Limit [a]	356026	5.52	1348850	6.77	795802	9.14	1347906	11.62	1607768	16.56	1839388	19.08
Lower Limit [b]	89007	4.52	337213	5.77	198951	8.14	336977	10.62	401942	15.56	459847	18.08

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
ZZZZZZ	149101	5.03	527434	6.27	302243	8.63	481450	11.11	537509	16.05	569021	18.57
ZZZZZZ	147202	5.02	541646	6.27	300193	8.64	484305	11.11	509555	16.04	529380	18.56
ZZZZZZ	141100	5.03	526879	6.27	302711	8.63	497493	11.12	573555	16.05	599929	18.57
ZZZZZZ	146522	5.02	536046	6.27	300863	8.64	487548	11.11	558576	16.04	601090	18.56
OP22926-MS	158487	5.03	589342	6.27	339348	8.63	543364	11.12	620023	16.05	720476	18.58
OP22930-MS	158487	5.03	589342	6.27	339348	8.63	543364	11.12	620023	16.05	720476	18.58
OP22926-MSD	146763	5.03	552677	6.27	308093	8.63	508420	11.12	576798	16.05	646492	18.57
OP22930-MSD	146763	5.03	552677	6.27	308093	8.63	508420	11.12	576798	16.05	646492	18.57
M94771-6	156504	5.02	573672	6.27	330884	8.63	529644	11.11	585915	16.04	612487	18.57
M94902-4	156504	5.02	573672	6.27	330884	8.63	529644	11.11	585915	16.04	612487	18.57
OP22945-MB	148248	5.02	544113	6.27	300539	8.63	485811	11.11	558364	16.05	592546	18.57
OP22941-MB	148248	5.02	544113	6.27	300539	8.63	485811	11.11	558364	16.05	592546	18.57
OP22945-BS	141993	5.03	535288	6.27	306117	8.63	500922	11.12	576265	16.05	647814	18.57
OP22941-BS	141993	5.03	535288	6.27	306117	8.63	500922	11.12	576265	16.05	647814	18.57
OP22941-MS	150777	5.03	573205	6.27	323063	8.63	529697	11.12	584328	16.05	655202	18.57
OP22945-MS	150777	5.03	573205	6.27	323063	8.63	529697	11.12	584328	16.05	655202	18.57
OP22945-MSD	119534	5.03	453928	6.27	253800	8.63	418236	11.12	457124	16.05	520667	18.57
OP22941-MSD	119534	5.03	453928	6.27	253800	8.63	418236	11.12	457124	16.05	520667	18.57
M94902-19	140355	5.03	490355	6.27	281791	8.63	441187	11.11	513103	16.05	566732	18.57
M94902-20	140355	5.03	490355	6.27	281791	8.63	441187	11.11	513103	16.05	566732	18.57
ZZZZZZ	140067	5.02	506838	6.27	282925	8.64	449329	11.12	498940	16.04	560695	18.57
ZZZZZZ	156570	5.02	585269	6.27	327566	8.64	529226	11.12	629129	16.05	673110	18.57
ZZZZZZ	142820	5.02	699398	6.27	425208	8.65	501875	11.12	550553	16.04	604902	18.57
OP22941-LB	165712	5.02	594821	6.27	350691	8.64	558986	11.12	604473	16.04	646033	18.57
ZZZZZZ	163232	5.03	602121	6.27	349152	8.63	568396	11.12	640768	16.05	690342	18.57
OP22944-MB	115420	5.03	433971	6.27	233997	8.64	381047	11.11	430128	16.04	462611	18.56
OP22944-BS	110110	5.03	425100	6.27	241774	8.63	397749	11.12	441816	16.05	474708	18.57
ZZZZZZ	115959	5.02	428756	6.27	252104	8.63	401387	11.11	445428	16.05	458272[c]	18.57
ZZZZZZ	126185	5.03	466196	6.27	259364	8.63	422832	11.11	476528	16.04	488948	18.57

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12

Semivolatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSF2393-CC2374	**Injection Date:**	10/14/10
Lab File ID:	F50026.D	**Injection Time:**	18:26
Instrument ID:	GCMSF	**Method:**	SW846 8270C

Lab	IS 1		IS 2		IS 3		IS 4		IS 5		IS 6	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

IS 2 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Semivolatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSS760-CC751	**Injection Date:**	10/23/10
Lab File ID:	S18662.D	**Injection Time:**	13:07
Instrument ID:	GCMSS	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	163021	5.87	566161	7.23	307805	9.44	450282	11.63	342869	15.98	302141	18.21
Upper Limit [a]	326042	6.37	1132322	7.73	615610	9.94	900564	12.13	685738	16.48	604282	18.71
Lower Limit [b]	81511	5.37	283081	6.73	153903	8.94	225141	11.13	171435	15.48	151071	17.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
ZZZZZZ	139238	5.87	531118	7.23	277364	9.43	410970	11.63	311980	15.97	270463	18.20
ZZZZZZ	119148	5.87	412734	7.24	217066	9.46	340376	11.68	295537	15.99	279419	18.22
ZZZZZZ	132476	5.88	417569	7.25	239529	9.47	349351	11.69	278011	16.00	250253	18.22
ZZZZZZ	143003	5.88	551866	7.23	286481	9.43	440539	11.63	316534	15.98	264800	18.21
ZZZZZZ	157176	5.88	592576	7.23	316711	9.43	485432	11.63	354942	15.98	286872	18.21
ZZZZZZ	125022	5.88	490413	7.23	266709	9.43	419161	11.63	323415	15.97	287175	18.21
ZZZZZZ	161892	5.88	625182	7.23	329009	9.43	514199	11.63	355142	15.97	297901	18.21
ZZZZZZ	146067	5.88	565696	7.23	302188	9.43	457782	11.63	326993	15.97	264777	18.20
ZZZZZZ	144940	5.88	565610	7.23	299272	9.43	450288	11.62	315459	15.97	265225	18.20
ZZZZZZ	129088	5.87	507504	7.23	266289	9.43	405604	11.62	285485	15.97	239574	18.20
ZZZZZZ	142599	5.87	549498	7.23	295023	9.43	452484	11.62	333631	15.97	279778	18.20
ZZZZZZ	116445	5.88	461589	7.23	254005	9.43	402224	11.62	305633	15.97	249859	18.20
ZZZZZZ	148802	5.87	583136	7.23	308310	9.43	469713	11.62	321588	15.97	257825	18.20
ZZZZZZ	152369	5.87	599834	7.23	315936	9.43	490006	11.62	334800	15.97	264733	18.20
ZZZZZZ	135324	5.87	531326	7.23	281888	9.43	431814	11.62	286651	15.97	240725	18.20
ZZZZZZ	154665	5.87	604806	7.23	314016	9.43	473444	11.62	315739	15.97	264064	18.20
ZZZZZZ	147508	5.87	576572	7.23	304025	9.43	472364	11.62	335760	15.97	290169	18.20
ZZZZZZ	139131	5.87	541687	7.23	284160	9.43	432368	11.62	323967	15.97	282304	18.20
ZZZZZZ	119262	5.87	465747	7.23	255346	9.43	405803	11.62	309957	15.97	281731	18.20
ZZZZZZ	147019	5.87	563210	7.23	302887	9.43	472189	11.62	339861	15.97	284844	18.20
M94771-3	147563	5.87	569806	7.23	302225	9.43	455840	11.62	355346	15.97	326388	18.20
ZZZZZZ	149134	5.87	574684	7.23	292354	9.43	455895	11.62	360434	15.97	320284	18.20
ZZZZZZ	156088	5.87	609863	7.23	313991	9.43	482563	11.62	385751	15.97	348445	18.20

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSS761-CC751	**Injection Date:**	10/25/10
Lab File ID:	S18699.D	**Injection Time:**	10:02
Instrument ID:	GCMSS	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	125331	5.87	452802	7.23	237653	9.43	354600	11.62	274588	15.97	249725	18.20
Upper Limit [a]	250662	6.37	905604	7.73	475306	9.93	709200	12.12	549176	16.47	499450	18.70
Lower Limit [b]	62666	5.37	226401	6.73	118827	8.93	177300	11.12	137294	15.47	124863	17.70

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP23052-MB	116330	5.87	458320	7.23	234071	9.43	347341	11.62	231714	15.97	189291	18.19
OP23052-BS	111547	5.87	425625	7.23	216012	9.43	320361	11.62	234109	15.97	192372	18.20
ZZZZZZ	123610	5.87	464233	7.23	242204	9.43	364734	11.62	240628	15.96	179568	18.19
M94771-4	140941	5.87	533369	7.23	277754	9.43	418798	11.62	273729	15.97	240163	18.20
M94771-5	142854	5.87	569264	7.23	295730	9.43	433431	11.62	300641	15.97	270682	18.20
M94771-7	143421	5.87	543796	7.23	282907	9.43	414120	11.62	296151	15.97	255631	18.20
M94771-8	146247	5.87	556393	7.23	289806	9.43	426975	11.62	292588	15.97	254617	18.20
M94771-9	140009	5.87	542550	7.23	275517	9.43	414238	11.62	279814	15.97	238161	18.20
ZZZZZZ	130249	5.87	503317	7.23	263075	9.43	394371	11.62	281484	15.97	242185	18.20
ZZZZZZ	132355	5.87	503112	7.23	258776	9.43	385409	11.62	258956	15.97	229843	18.20

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSS764-CC751	**Injection Date:**	10/26/10
Lab File ID:	S18752.D	**Injection Time:**	17:10
Instrument ID:	GCMSS	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	189304	5.87	691693	7.23	378374	9.45	589800	11.70	475678	16.16	433241	18.50
Upper Limit [a]	378608	6.37	1383386	7.73	756748	9.95	1179600	12.20	951356	16.66	866482	19.00
Lower Limit [b]	94652	5.37	345847	6.73	189187	8.95	294900	11.20	237839	15.66	216621	18.00

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
ZZZZZZ	178131	5.87	685680	7.23	365862	9.44	569084	11.67	441447	16.10	401731	18.40
M94865-6	182557	5.87	701397	7.23	376623	9.44	605723	11.66	456113	16.07	420705	18.37
ZZZZZZ	179095	5.87	674673	7.23	363344	9.44	589642	11.66	442268	16.07	405804	18.36
ZZZZZZ	175981	5.87	672276	7.23	356055	9.44	565300	11.66	448743	16.07	402115	18.37
ZZZZZZ	193947	5.87	764958	7.23	394843	9.44	630269	11.66	487033	16.07	439265	18.37
ZZZZZZ	187393	5.87	716055	7.23	374376	9.44	598938	11.66	466737	16.07	415192	18.37
ZZZZZZ	193651	5.87	729548	7.23	392051	9.44	609255	11.66	502934	16.08	444067	18.39
ZZZZZZ	171821	5.87	618300	7.23	300988	9.45	467541	11.67	389391	16.08	374127	18.37
ZZZZZZ	213613	5.88	823604	7.23	442105	9.44	674069	11.66	469936	16.07	373304	18.37
ZZZZZZ	211499	5.87	816220	7.23	432060	9.44	642582	11.66	438358	16.07	363304	18.38
ZZZZZZ	213040	5.87	831703	7.23	436651	9.44	657568	11.66	447135	16.08	381231	18.39
M94771-3 [c]	242493	5.87	943648	7.23	509431	9.44	802612	11.66	629570	16.09	539578	18.40
OP23055-MB	190474	5.87	723203	7.23	391016	9.44	628735	11.66	497690	16.07	452666	18.37
OP23055-BS	218965	5.87	827599	7.23	435024	9.44	670731	11.66	502120	16.10	434092	18.41
OP23055-MS	215215	5.87	814681	7.23	444007	9.44	690470	11.66	520378	16.10	428989	18.42
OP23055-MSD	234394	5.87	887155	7.23	480614	9.44	743847	11.66	552837	16.11	472557	18.42
M95125-1A	172265	5.87	653527	7.23	358480	9.44	572872	11.66	483749	16.08	448005	18.39

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run for surrogate recoveries.

Semivolatile Surrogate Recovery Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Method: SW846 8270C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M94771-3	S18765.D	9.0* [a]	62.0	50.0
M94771-3	S18683.D	10.0* [a]	62.0	49.0
M94771-4	S18706.D	59.0	69.0	57.0
M94771-5	S18707.D	42.0	53.0	64.0
M94771-6	F50033.D	84.0	78.0	64.0
M94771-7	S18708.D	64.0	73.0	82.0
M94771-8	S18709.D	47.0	56.0	67.0
M94771-9	S18710.D	70.0	84.0	74.0
OP22926-BS	F50014.D	86.0	80.0	86.0
OP22926-MB	F50013.D	87.0	84.0	86.0
OP22926-MS	F50031.D	59.0	55.0	59.0
OP22926-MSD	F50032.D	46.0	45.0	57.0

Surrogate Compounds		Recovery Limits
S1 =	Nitrobenzene-d5	30-130%
S2 =	2-Fluorobiphenyl	30-130%
S3 =	Terphenyl-d14	30-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22918-MB	BC45918.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	0.080	mg/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	76%	50-149%

Blank Spike Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22918-BS	BC45921.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	CT-ETPH (C9-C36)	0.7	0.625	89	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	76%	50-149%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22918-MS	BC45923.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221
OP22918-MSD	BC45925.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221
M94771-6	BC45927.D	1	10/19/10	SS	10/12/10	OP22918	GBC2221

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

CAS No.	Compound	M94771-6 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	CT-ETPH (C9-C36)	0.298		0.714	0.662	51	0.379	12* [a]	54* [b]	50-129/26

CAS No.	Surrogate Recoveries	MS	MSD	M94771-6	Limits
3386-33-2	1-Chlorooctadecane	62%	46%* [c]	65%	50-149%

(a) Variability of recovery may be due to sample matrix/homogeneity.
(b) High RPD due to possible matrix interference and/or sample non-homogeneity.
(c) Outside control limits due to possible matrix interference.

Semivolatile Surrogate Recovery Summary

Job Number: M94771
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Method: CT-ETPH 7/06 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
M94771-3	BG21977.D	5.0* [b]
M94771-4	BC45931.D	68.0
M94771-5	BG21979.D	48.0* [b]
M94771-6	BC45927.D	65.0
M94771-7	BG21981.D	18.0* [b]
M94771-8	BC45937.D	68.0
M94771-9	BG21983.D	55.0
OP22918-BS	BC45921.D	76.0
OP22918-MB	BC45918.D	76.0
OP22918-MS	BC45923.D	62.0
OP22918-MSD	BC45925.D	46.0* [c]

Surrogate Compounds	Recovery Limits
S1 = 1-Chlorooctadecane	50-149%

(a) Recovery from GC signal #1
(b) Outside control limits due to matrix interference. Confirmed by reanalysis. Insufficient volume for re-extration.
(c) Outside control limits due to possible matrix interference.

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 10/13/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	15	15		
Arsenic	4.0	1	1.9	-0.70	<4.0
Barium	50	.42	3.7	3.4	<50
Beryllium	4.0	.14	.2		
Boron	100	.33	1.5		
Cadmium	4.0	.11	.12	-0.40	<4.0
Calcium	5000	23	39		
Chromium	10	.47	.53	-0.30	<10
Cobalt	50	.17	.28		
Copper	25	.86	.86		
Gold	50	1.6	1.7		
Iron	100	3.9	4.1	3.2	<100
Lead	5.0	1.5	1.5	0.50	<5.0
Magnesium	5000	37	37		
Manganese	15	.11	.9		
Molybdenum	100	.21	.64		
Nickel	40	.21	.3		
Palladium	50	2.4	2.5		
Platinum	50	7.3	7.3		
Potassium	5000	29	30		
Selenium	10	1.1	1.7	1.0	<10
Silicon	100	1.2	7.2		
Silver	5.0	.6	.6	0.0	<5.0
Sodium	5000	15	31		
Strontium	10	.13	.31		
Thallium	5.0	.7	.74		
Tin	100	.36	.43		
Titanium	50	.57	.57		
Tungsten	100	4.8	12		
Vanadium	10	.73	1.1		
Zinc	20	.24	2		

Associated samples MP16063: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested

8.1.1

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MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Metal	M94771-6 Original	MS	Spikelot MPICP	% Rec	QC Limits	M94771-6 Original	DUP	RPD	QC Limits
Prep Date:				10/13/10				10/13/10	
Aluminum									
Arsenic	0.0	498	500	99.6	75-125	0.0	0.0	NC	0-20
Barium	17.8	2050	2000	101.6	75-125	17.8	14.9	17.7	0-20
Beryllium									
Boron									
Cadmium	0.0	508	500	101.6	75-125	0.0	0.0	NC	0-20
Calcium									
Chromium	0.0	478	500	95.6	75-125	0.0	0.50	200.0(a)	0-20
Cobalt									
Copper									
Gold									
Iron	4290	6010	2000	86.0	75-125	4290	4320	0.7	0-20
Lead	0.0	953	1000	95.3	75-125	0.0	0.0	NC	0-20
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	1.8	500	500	99.6	75-125	1.8	1.9	5.4	0-20
Silicon									
Silver	0.0	209	200	104.5	75-125	0.0	0.0	NC	0-20
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									

Associated samples MP16063: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date:

Metal

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			10/13/10					10/13/10	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Arsenic	498	500	99.6	80-120	492	500	98.4	1.2	20
Barium	2040	2000	102.0	80-120	2020	2000	101.0	1.0	20
Beryllium									
Boron									
Cadmium	508	500	101.6	80-120	503	500	100.6	1.0	20
Calcium									
Chromium	482	500	96.4	80-120	475	500	95.0	1.5	20
Cobalt									
Copper									
Gold									
Iron	1840	2000	92.0	80-120	1810	2000	90.5	1.6	20
Lead	962	1000	96.2	80-120	949	1000	94.9	1.4	20
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	501	500	100.2	80-120	496	500	99.2	1.0	20
Silicon									
Silver	209	200	104.5	80-120	205	200	102.5	1.9	20
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									

Associated samples MP16063: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested

8.1.3

8

SERIAL DILUTION RESULTS SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 10/13/10

Metal	M94771-6 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Arsenic	0.00	0.00	NC	0-10
Barium	17.8	22.9	28.7 (a)	0-10
Beryllium				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	0.00	0.00	NC	0-10
Cobalt				
Copper				
Gold				
Iron	4290	4250	1.0	0-10
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	1.80	0.00	100.0(a)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP16063: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16063
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16068
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 10/13/10

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.028	.048	-0.019	<0.20

Associated samples MP16068: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.2.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16068
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 10/13/10 10/13/10

Metal	M94771-6 Original	MS	Spikelot HGRWS1	% Rec	QC Limits	M94771-6 Original	DUP	RPD	QC Limits
Mercury	0.0	2.9	3	96.7	75-125	0.0	0.0	NC	0-20

Associated samples MP16068: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16068
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 10/13/10 10/13/10

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	3.0	3	100.0	80-120	2.9	3	96.7	3.4	20

Associated samples MP16068: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

New England ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Alkalinity, Total as CaCO3	GN33043	5.0	0.0	mg/l	250	261	104.4	80-120%
Alkalinity, Total as CaCO3	GN33076	5.0	0.0	mg/l	250	257	102.8	80-120%
Alkalinity, Total as CaCO3	GN33104	5.0	0.0	mg/l	250	254	101.6	80-120%
BOD, 5 Day	GP12103/GN33022	1.0	<1.0	mg/l	198	177	89.4	85-115%
Chemical Oxygen Demand	GP12132/GN33106	20	0.0	mg/l				
Chemical Oxygen Demand	GP12132/GN33106	20	0.0	mg/l	50	49.7	99.4	80-120%

Associated Samples:
Batch GN33043: M94771-1, M94771-2, M94771-3
Batch GN33076: M94771-7
Batch GN33104: M94771-4, M94771-5, M94771-6, M94771-8, M94771-9
Batch GP12103: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9
Batch GP12132: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN33043	M94770-3	mg/l	365	365	0.0	0-20%
Alkalinity, Total as CaCO3	GN33076	M94771-7	mg/l	658	663	0.8	0-20%
Alkalinity, Total as CaCO3	GN33104	M94771-6	mg/l	43.7	44.3	1.4	0-20%
BOD, 5 Day	GP12103/GN33022	M94771-6	mg/l	<2.0	<2.0	0.0	0-20%
Chemical Oxygen Demand	GP12132/GN33106	M94771-6	mg/l	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GN33043: M94771-1, M94771-2, M94771-3
Batch GN33076: M94771-7
Batch GN33104: M94771-4, M94771-5, M94771-6, M94771-8, M94771-9
Batch GP12103: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9
Batch GP12132: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: M94771
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Alkalinity, Total as CaCO3	GN33043	M94770-3	mg/l	365	250	612	98.8	-%
Alkalinity, Total as CaCO3	GN33076	M94771-7	mg/l	658	250	915	102.8	-%
Alkalinity, Total as CaCO3	GN33104	M94771-6	mg/l	43.7	250	292	99.3	-%
Chemical Oxygen Demand	GP12132/GN33106	M94771-6	mg/l	0.0	50	55.2	110.4	75-125%

Associated Samples:
Batch GN33043: M94771-1, M94771-2, M94771-3
Batch GN33076: M94771-7
Batch GN33104: M94771-4, M94771-5, M94771-6, M94771-8, M94771-9
Batch GP12132: M94771-1, M94771-2, M94771-3, M94771-4, M94771-5, M94771-6, M94771-7, M94771-8, M94771-9
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

New England ACCUTEST LABORATORIES

10/21/10

Technical Report for

ExxonMobil

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

PO#4512148080 WBS#08

Accutest Job Number: M94728

Sampling Dates: 09/22/10 - 10/04/10

Report to:

Kleinfelder (Master)

nlandry@kleinfelder.com

ATTN: Nathalie Landry

Total number of pages in report: **50**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (002) ND (R-188) CO MN (11546AA) NC (653) IL (002337) DoD/ISO/IEC 17025:2005 (L2235)

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Accutest LabLink@106753 10:23 21-Oct-2010

Sample Summary

ExxonMobil

Job No: M94728

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M94728-1	10/04/10	11:31	BM	10/05/10	AQ	Ground Water	MW-103SR
M94728-2	10/04/10	15:56	BM	10/05/10	AQ	Ground Water	MW-105
M94728-3	09/22/10	00:00	BM	10/05/10	AQ	Trip Blank Water	TRIP BLANK

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	ExxonMobil	**Job No**	M94728
Site:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT	**Report Date**	10/18/2010 10:45:59 A

2 Sample(s), 1 Trip Blank(s) were collected on between 09/22/2010 and 10/04/2010 and were received at Accutest on 10/05/2010 properly preserved, at 2.2 Deg. C and intact. These Samples received an Accutest job number of M94728. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSG4059

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94704-1MS, M94704-1MSD were used as the QC samples indicated.
- BS/BSD Recovery(s) for Vinyl Acetate are outside control limits. Blank Spike meets program technical requirements.
- MS/MSD Recovery(s) for 2-Hexanone, Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- M94728-1: Elevated RL due to dilution required for matrix interference.
- MSG4059-BS/BSD/MS/MSD for Vinyl Acetate: Outside control limits. Associated samples are non-detect for this compound.

Metals By Method SW846 6010B

Matrix AQ **Batch ID:** MP16034

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94705-6DUP, M94705-6MS, M94705-6SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium, Chromium, Lead are outside control limits for sample MP16034-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Only selected metals requested.

Metals By Method SW846 7470A

Matrix AQ **Batch ID:** MP16039

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94633-1FDUP, M94633-1FMS were used as the QC samples for metals.

Wet Chemistry By Method SM21 2320B

Matrix AQ	**Batch ID:** GN33043

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94770-3DUP, M94770-3MS were used as the QC samples for Alkalinity, Total as CaCO3.

Matrix AQ	**Batch ID:** GN33076

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-7DUP, M94771-7MS were used as the QC samples for Alkalinity, Total as CaCO3.

Wet Chemistry By Method SM21 5210B

Matrix AQ	**Batch ID:** GP12102

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94728-2DUP were used as the QC samples for BOD, 5 Day.

Wet Chemistry By Method SM21 5220C

Matrix AQ	**Batch ID:** GP12132

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M94771-6DUP, M94771-6MS were used as the QC samples for Chemical Oxygen Demand.

Accutest may not have met all requested limits due to methodology limitations, sample matrix, dilutions, or percents solids.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M94728).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-103SR		
Lab Sample ID:	M94728-1	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G100595.D	1	10/06/10	EL	n/a	n/a	MSG4059
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-103SR		
Lab Sample ID:	M94728-1	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	112%		70-130%
460-00-4	4-Bromofluorobenzene	106%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-103SR		
Lab Sample ID:	M94728-1	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q

(a) Elevated RL due to dilution required for matrix interference.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-103SR		
Lab Sample ID:	M94728-1	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	20.7	4.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Barium	175	50	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Chromium	58.1	10	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Iron	3800	100	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Lead	22.1	5.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/08/10	10/08/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12294
(2) Instrument QC Batch: MA12305
(3) Prep QC Batch: MP16034
(4) Prep QC Batch: MP16039

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-103SR		
Lab Sample ID:	M94728-1	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	615	5.0	mg/l	1	10/12/10	CF	SM21 2320B
BOD, 5 Day	6.1	2.0	mg/l	1	10/06/10	CF	SM21 5210B
Chemical Oxygen Demand	469	100	mg/l	5	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M94728-2	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G100594.D	1	10/06/10	EL	n/a	n/a	MSG4059
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M94728-2	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.0	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M94728-2	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Iron	6900	100	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	10/08/10	10/08/10	MA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	10/07/10	10/08/10	PY	SW846 6010B [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12294
(2) Instrument QC Batch: MA12305
(3) Prep QC Batch: MP16034
(4) Prep QC Batch: MP16039

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M94728-2	**Date Sampled:**	10/04/10
Matrix:	AQ - Ground Water	**Date Received:**	10/05/10
		Percent Solids:	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	59.4	5.0	mg/l	1	10/08/10	BF	SM21 2320B
BOD, 5 Day	5.1	2.0	mg/l	1	10/06/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	10/14/10	MC	SM21 5220C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M94728-3	**Date Sampled:**	09/22/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G100593.D	1	10/06/10	EL	n/a	n/a	MSG4059
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M94728-3	**Date Sampled:**	09/22/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/05/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	105%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE 1 OF 1

ACCUTEST

Accutest Laboratories of New England
495 Tech Center West, Bldg. 1, Marlboro, MA 01752
TEL: (508) 481-6200 FAX: (508) 481-7753
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: M94728

Client / Reporting Information

Company Name: Kleinfelder
Street Address: 99 Lamberton Road, Suite 201
City: Windsor State: CT Zip: 06095
Project Contact: John Liddon E-mail:
Phone #: (800) 929-4472 Fax #: (860) 683-4206
Sampler(s) Name(s): Phone #:

SITE NAME - Provide MRN for Retail or AFE for Major Projects

Retail Project (MRN): 01G1P
Major Project (AFE):
Project Name: 7 STORRS RD
City: WILLIMANTIC State: Connecticut
ExxonMobil Manager: Mary Caruso
ExxonMobil Purchase Order #: 4512148080

ExxonMobil Environmental Services Co.
If Project is Direct Bill to Consultant
Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	ETPH via CT ETPH	Iron	BOD	Alkalinity	SVOC (PAH Only) by 8270	Total RCRA 8	VOC + MTBE via 8260	COD				LAB USE ONLY
M94728																											
	MW-102 NO Sample					GW																					
	MW-103D					GW																					
1	MW-103S R		10-4-10	1131	BM	GW	7	X		X	X	X					X	X	X		X	X	X				
2	MW-105		10-4-10	1556	BM	GW	7	X		X	X	X					X	X	X		X	X	X				
	MW-106 NO Sample					GW																					
	MW-107					GW																					
	MW-110					GW																					
	MW-112					GW																					
	MW-3					GW																					
	MW-4					GW																					
3	Trip Blank		9-22-10	—	Lab	WT	2		X													X					

Turnaround Time (Business days)

[X] Std. 10 Business Days
[ ] 8 Day *RUSH*
[ ] 5 Day *RUSH*
[ ] 3 Day *EMERGENCY*
[ ] 2 Day *EMERGENCY*
[ ] 1 Day *EMERGENCY*
Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

[X] Commercial "A" (Level 1)
[ ] Commercial "B" (Level 2)
[ ] FULLT1 (Level 3+4)
[X] CT RCP
[ ] MA MCP
[ ] NYASP Category A
[ ] NYASP Category B
[ ] State Forms
[ ] EDD Format
[ ] Other
Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Reporting limits must meet CT DEP RSR criteria for GA classified groundwater. Loc. 11F, 6E, 5C2

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	10-4-10 1630	1 KLF Sample Room	2 Mark	10-5-10 16:25	2
3	10-5-10 BM	3	4		4
5		5			

Custody Seal #: [ ] Intact [ ] Not intact
Preserved where applicable: [ ]
On Ice: ✓
Cooler Temp: 2.2

M94728: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M94728 **Client:** KLEIN **Immediate Client Services Action Required:** No

Date / Time Received: 10/5/2010 6:45:00 PM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: WILLIMANTIC **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	
2. Trip Blank listed on COC:	☑		☐	
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume rec'd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M94728: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **ExxonMobil**

Project Location: **GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT** **Project Number:** **PO#4512148080 WBS#08**

Sampling Date(s): **10/4/2010**

Laboratory Sample ID(s): M94728-1, M94728-2, M94728-3

Methods: Refer to case narrative.

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☐ No ☑
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 10/18/2010
Accutest New England

Internal Sample Tracking Chronicle

ExxonMobil

Job No: M94728

GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M94728-1 MW-103SR	Collected: 04-OCT-10 11:31 By: BM		Received: 05-OCT-10 By: SAP			
M94728-1	SM21 5210B	06-OCT-10	CF	06-OCT-10	CF	BOD
M94728-1	SW846 8260B	06-OCT-10 23:39	EL			V8260STD
M94728-1	SW846 7470A	08-OCT-10 14:41	MA	08-OCT-10	MA	HG
M94728-1	SW846 6010B	08-OCT-10 20:00	PY	07-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94728-1	SM21 2320B	12-OCT-10	CF			ALK
M94728-1	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94728-2 MW-105	Collected: 04-OCT-10 15:56 By: BM		Received: 05-OCT-10 By: SAP			
M94728-2	SM21 5210B	06-OCT-10	CF	06-OCT-10	CF	BOD
M94728-2	SW846 8260B	06-OCT-10 23:11	EL			V8260STD
M94728-2	SM21 2320B	08-OCT-10	BF			ALK
M94728-2	SW846 7470A	08-OCT-10 14:44	MA	08-OCT-10	MA	HG
M94728-2	SW846 6010B	08-OCT-10 20:04	PY	07-OCT-10	EM	AG,AS,BA,CD,CR,FE,PB,SE
M94728-2	SM21 5220C	14-OCT-10	MC	14-OCT-10	MC	COD
M94728-3 TRIP BLANK	Collected: 22-SEP-10 00:00 By: BM		Received: 05-OCT-10 By: SAP			
M94728-3	SW846 8260B	06-OCT-10 22:43	EL			V8260STD

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4059-MB	G100574.D	1	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4059-MB	G100574.D	1	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	70-130%
2037-26-5	Toluene-D8	112%	70-130%

Method Blank Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4059-MB	G100574.D	1	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	105%	70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4059-BS	G100571.D	1	10/06/10	EL	n/a	n/a	MSG4059
MSG4059-BSD	G100572.D	1	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	54.9	110	53.8	108	2	70-130/25
71-43-2	Benzene	50	52.6	105	51.2	102	3	70-130/25
108-86-1	Bromobenzene	50	48.4	97	47.4	95	2	70-130/25
74-97-5	Bromochloromethane	50	54.1	108	53.0	106	2	70-130/25
75-27-4	Bromodichloromethane	50	54.3	109	53.4	107	2	70-130/25
75-25-2	Bromoform	50	42.4	85	42.2	84	0	70-130/25
74-83-9	Bromomethane	50	48.3	97	45.7	91	6	70-130/25
78-93-3	2-Butanone (MEK)	50	59.9	120	56.8	114	5	70-130/25
104-51-8	n-Butylbenzene	50	53.0	106	51.7	103	2	70-130/25
135-98-8	sec-Butylbenzene	50	53.5	107	52.2	104	2	70-130/25
98-06-6	tert-Butylbenzene	50	52.3	105	50.6	101	3	70-130/25
75-15-0	Carbon disulfide	50	58.0	116	55.7	111	4	70-130/25
56-23-5	Carbon tetrachloride	50	56.0	112	55.2	110	1	70-130/25
108-90-7	Chlorobenzene	50	49.2	98	48.3	97	2	70-130/25
75-00-3	Chloroethane	50	48.5	97	46.0	92	5	70-130/25
67-66-3	Chloroform	50	54.9	110	52.1	104	5	70-130/25
74-87-3	Chloromethane	50	44.4	89	43.1	86	3	70-130/25
95-49-8	o-Chlorotoluene	50	49.9	100	49.0	98	2	70-130/25
106-43-4	p-Chlorotoluene	50	51.7	103	50.6	101	2	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	50	42.5	85	42.0	84	1	70-130/25
124-48-1	Dibromochloromethane	50	51.3	103	50.8	102	1	70-130/25
106-93-4	1,2-Dibromoethane	50	48.2	96	48.5	97	1	70-130/25
95-50-1	1,2-Dichlorobenzene	50	49.1	98	47.7	95	3	70-130/25
541-73-1	1,3-Dichlorobenzene	50	49.5	99	48.8	98	1	70-130/25
106-46-7	1,4-Dichlorobenzene	50	49.0	98	48.1	96	2	70-130/25
75-71-8	Dichlorodifluoromethane	50	31.9	64* [a]	30.9	62* [a]	3	70-130/25
75-34-3	1,1-Dichloroethane	50	55.4	111	52.9	106	5	70-130/25
107-06-2	1,2-Dichloroethane	50	51.4	103	50.4	101	2	70-130/25
75-35-4	1,1-Dichloroethene	50	54.9	110	52.5	105	4	70-130/25
156-59-2	cis-1,2-Dichloroethene	50	54.0	108	51.6	103	5	70-130/25
156-60-5	trans-1,2-Dichloroethene	50	55.1	110	52.7	105	4	70-130/25
78-87-5	1,2-Dichloropropane	50	52.5	105	51.6	103	2	70-130/25
142-28-9	1,3-Dichloropropane	50	47.2	94	46.6	93	1	70-130/25
594-20-7	2,2-Dichloropropane	50	62.9	126	59.8	120	5	70-130/25
563-58-6	1,1-Dichloropropene	50	54.9	110	53.4	107	3	70-130/25
10061-01-5	cis-1,3-Dichloropropene	50	56.7	113	56.1	112	1	70-130/25

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4059-BS	G100571.D	1	10/06/10	EL	n/a	n/a	MSG4059
MSG4059-BSD	G100572.D	1	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	62.2	124	61.0	122	2	70-130/25
100-41-4	Ethylbenzene	50	50.9	102	50.2	100	1	70-130/25
87-68-3	Hexachlorobutadiene	50	50.7	101	49.8	100	2	70-130/25
591-78-6	2-Hexanone	50	51.3	103	50.6	101	1	70-130/25
74-88-4	Iodomethane	50	55.4	111	53.2	106	4	70-130/25
98-82-8	Isopropylbenzene	50	60.0	120	58.8	118	2	70-130/25
99-87-6	p-Isopropyltoluene	50	53.6	107	52.1	104	3	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	54.4	109	53.0	106	3	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	53.6	107	52.6	105	2	70-130/25
74-95-3	Methylene bromide	50	51.6	103	50.8	102	2	70-130/25
75-09-2	Methylene chloride	50	52.7	105	50.7	101	4	70-130/25
91-20-3	Naphthalene	50	45.0	90	43.8	88	3	70-130/25
103-65-1	n-Propylbenzene	50	52.5	105	51.4	103	2	70-130/25
100-42-5	Styrene	50	55.9	112	54.9	110	2	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	50	51.0	102	50.9	102	0	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	50	48.8	98	47.5	95	3	70-130/25
127-18-4	Tetrachloroethene	50	48.7	97	47.7	95	2	70-130/25
108-88-3	Toluene	50	55.5	111	54.2	108	2	70-130/25
87-61-6	1,2,3-Trichlorobenzene	50	49.7	99	47.7	95	4	70-130/25
120-82-1	1,2,4-Trichlorobenzene	50	50.5	101	48.3	97	4	70-130/25
71-55-6	1,1,1-Trichloroethane	50	58.3	117	55.9	112	4	70-130/25
79-00-5	1,1,2-Trichloroethane	50	52.7	105	52.0	104	1	70-130/25
79-01-6	Trichloroethene	50	52.0	104	50.2	100	4	70-130/25
75-69-4	Trichlorofluoromethane	50	48.6	97	47.5	95	2	70-130/25
96-18-4	1,2,3-Trichloropropane	50	44.8	90	44.8	90	0	70-130/25
95-63-6	1,2,4-Trimethylbenzene	50	52.4	105	51.4	103	2	70-130/25
108-67-8	1,3,5-Trimethylbenzene	50	53.2	106	52.2	104	2	70-130/25
108-05-4	Vinyl Acetate	50	199	398* [b]	186	372* [b]	7	70-130/25
75-01-4	Vinyl chloride	50	53.7	107	50.7	101	6	70-130/25
1330-20-7	Xylene (total)	150	154	103	151	101	2	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	114%	112%	70-130%
2037-26-5	Toluene-D8	112%	113%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4059-BS	G100571.D	1	10/06/10	EL	n/a	n/a	MSG4059
MSG4059-BSD	G100572.D	1	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	103%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.
(b) Outside control limits. Associated samples are non-detect for this compound.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94704-1MS	G100582.D	5	10/06/10	EL	n/a	n/a	MSG4059
M94704-1MSD	G100583.D	5	10/06/10	EL	n/a	n/a	MSG4059
M94704-1	G100581.D	5	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Compound	M94704-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	88.0		250	241	61* [a]	257	68* [a]	6	70-130/30
71-43-2	Benzene	50.0		250	320	108	324	110	1	70-130/30
108-86-1	Bromobenzene	ND		250	248	99	253	101	2	70-130/30
74-97-5	Bromochloromethane	ND		250	285	114	282	113	1	70-130/30
75-27-4	Bromodichloromethane	ND		250	272	109	281	112	3	70-130/30
75-25-2	Bromoform	ND		250	194	78	199	80	3	70-130/30
74-83-9	Bromomethane	ND		250	249	100	253	101	2	70-130/30
78-93-3	2-Butanone (MEK)	639		250	851	85	851	85	0	70-130/30
104-51-8	n-Butylbenzene	2.6		250	271	107	284	113	5	70-130/30
135-98-8	sec-Butylbenzene	ND		250	274	110	280	112	2	70-130/30
98-06-6	tert-Butylbenzene	ND		250	268	107	273	109	2	70-130/30
75-15-0	Carbon disulfide	ND		250	255	102	262	105	3	70-130/30
56-23-5	Carbon tetrachloride	ND		250	283	113	295	118	4	70-130/30
108-90-7	Chlorobenzene	ND		250	256	102	254	102	1	70-130/30
75-00-3	Chloroethane	ND		250	256	102	264	106	3	70-130/30
67-66-3	Chloroform	ND		250	284	114	288	115	1	70-130/30
74-87-3	Chloromethane	ND		250	244	98	249	100	2	70-130/30
95-49-8	o-Chlorotoluene	ND		250	270	108	276	110	2	70-130/30
106-43-4	p-Chlorotoluene	ND		250	267	107	275	110	3	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	219	88	217	87	1	70-130/30
124-48-1	Dibromochloromethane	ND		250	245	98	250	100	2	70-130/30
106-93-4	1,2-Dibromoethane	ND		250	250	100	249	100	0	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		250	250	100	252	101	1	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		250	255	102	258	103	1	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	251	100	248	99	1	70-130/30
75-71-8	Dichlorodifluoromethane	ND		250	185	74	187	75	1	70-130/30
75-34-3	1,1-Dichloroethane	ND		250	286	114	293	117	2	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	265	106	269	108	1	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	285	114	291	116	2	70-130/30
156-59-2	cis-1,2-Dichloroethene	3.3		250	277	109	283	112	2	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	281	112	286	114	2	70-130/30
78-87-5	1,2-Dichloropropane	ND		250	272	109	277	111	2	70-130/30
142-28-9	1,3-Dichloropropane	ND		250	252	101	250	100	1	70-130/30
594-20-7	2,2-Dichloropropane	ND		250	313	125	320	128	2	70-130/30
563-58-6	1,1-Dichloropropene	ND		250	286	114	294	118	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	281	112	287	115	2	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94704-1MS	G100582.D	5	10/06/10	EL	n/a	n/a	MSG4059
M94704-1MSD	G100583.D	5	10/06/10	EL	n/a	n/a	MSG4059
M94704-1	G100581.D	5	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Compound	M94704-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	305	122	315	126	3	70-130/30
100-41-4	Ethylbenzene	121		250	373	101	374	101	0	70-130/30
87-68-3	Hexachlorobutadiene	ND		250	251	100	258	103	3	70-130/30
591-78-6	2-Hexanone	ND		250	150	60* [a]	149	60* [a]	1	70-130/30
74-88-4	Iodomethane	ND		250	289	116	293	117	1	70-130/30
98-82-8	Isopropylbenzene	6.0		250	313	123	319	125	2	70-130/30
99-87-6	p-Isopropyltoluene	ND		250	272	109	279	112	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	280	112	283	113	1	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	248	99	251	100	1	70-130/30
74-95-3	Methylene bromide	ND		250	266	106	269	108	1	70-130/30
75-09-2	Methylene chloride	ND		250	274	110	275	110	0	70-130/30
91-20-3	Naphthalene	17.1		250	248	92	250	93	1	70-130/30
103-65-1	n-Propylbenzene	11.5		250	280	107	287	110	2	70-130/30
100-42-5	Styrene	ND		250	287	115	289	116	1	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	262	105	263	105	0	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	251	100	251	100	0	70-130/30
127-18-4	Tetrachloroethene	ND		250	250	100	250	100	0	70-130/30
108-88-3	Toluene	942		250	1190	99	1220	111	2	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		250	239	96	241	96	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		250	248	99	247	99	0	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		250	297	119	308	123	4	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		250	269	108	274	110	2	70-130/30
79-01-6	Trichloroethene	ND		250	268	107	275	110	3	70-130/30
75-69-4	Trichlorofluoromethane	ND		250	258	103	265	106	3	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		250	222	89	226	90	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	127		250	393	106	402	110	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	37.3		250	309	109	317	112	3	70-130/30
108-05-4	Vinyl Acetate	ND		250	1040	416* [b]	1060	424* [b]	2	70-130/30
75-01-4	Vinyl chloride	ND		250	282	113	293	117	4	70-130/30
1330-20-7	Xylene (total)	684		750	1440	101	1440	101	0	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	M94704-1	Limits
1868-53-7	Dibromofluoromethane	115%	114%	112%	70-130%
2037-26-5	Toluene-D8	113%	114%	113%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M94704-1MS	G100582.D	5	10/06/10	EL	n/a	n/a	MSG4059
M94704-1MSD	G100583.D	5	10/06/10	EL	n/a	n/a	MSG4059
M94704-1	G100581.D	5	10/06/10	EL	n/a	n/a	MSG4059

The QC reported here applies to the following samples: **Method:** SW846 8260B

M94728-1, M94728-2, M94728-3

CAS No.	Surrogate Recoveries	MS	MSD	M94704-1	Limits
460-00-4	4-Bromofluorobenzene	102%	104%	104%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) Outside control limits. Associated samples are non-detect for this compound.

Volatile Internal Standard Area Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Check Std:	MSG4059-CC4052	**Injection Date:**	10/06/10
Lab File ID:	G100570.D	**Injection Time:**	11:55
Instrument ID:	GCMSG	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	155069	9.13	254441	10.01	153346	13.29	135470	15.86	76514	6.67
Upper Limit [a]	310138	9.63	508882	10.51	306692	13.79	270940	16.36	153028	7.17
Lower Limit [b]	77535	8.63	127221	9.51	76673	12.79	67735	15.36	38257	6.17

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSG4059-BS	156213	9.13	256776	10.01	154415	13.29	135860	15.86	73644	6.68
MSG4059-BSD	160325	9.13	259546	10.01	155031	13.29	137044	15.86	74781	6.67
MSG4059-MB	159996	9.13	259624	10.01	148428	13.29	129848	15.86	75646	6.68
ZZZZZZ	159078	9.13	256047	10.01	147526	13.29	127809	15.86	90679	6.68
ZZZZZZ	153734	9.13	248666	10.01	143204	13.29	123098	15.86	63636	6.68
ZZZZZZ	152502	9.13	247305	10.01	143944	13.29	122611	15.86	71334	6.68
ZZZZZZ	149438	9.13	242311	10.01	142438	13.29	120241	15.87	68586	6.69
ZZZZZZ	155968	9.13	253608	10.01	146703	13.29	128280	15.86	69749	6.68
M94704-1	157044	9.13	253604	10.01	146792	13.29	131504	15.86	68702	6.68
M94704-1MS	153845	9.13	250869	10.01	150964	13.29	133222	15.86	68058	6.68
M94704-1MSD	153422	9.13	250878	10.01	153302	13.29	132834	15.86	66060	6.67
ZZZZZZ	161072	9.13	259941	10.01	149602	13.29	129865	15.87	69302	6.67
ZZZZZZ	153113	9.13	245356	10.01	144318	13.29	125517	15.87	65124	6.67
ZZZZZZ	151916	9.13	247148	10.01	144854	13.29	126747	15.86	64330	6.67
ZZZZZZ	152411	9.13	248513	10.01	152853	13.29	119189	15.87	77129	6.68
ZZZZZZ	159758	9.13	255241	10.01	149975	13.29	135065	15.86	72688	6.67
ZZZZZZ	157822	9.13	255089	10.01	153563	13.29	127056	15.86	72462	6.68
ZZZZZZ	159620	9.13	255694	10.01	148877	13.29	130543	15.87	68758	6.68
ZZZZZZ	160072	9.13	257788	10.01	150829	13.29	135017	15.86	75258	6.68
ZZZZZZ	160243	9.13	254925	10.01	147170	13.29	130382	15.87	72428	6.68
M94728-3	157335	9.13	254152	10.01	146603	13.29	127557	15.87	71367	6.68
M94728-2	160726	9.13	259162	10.01	149471	13.29	131659	15.87	70770	6.68
M94728-1 [c]	156845	9.13	253481	10.01	146628	13.29	127707	15.87	62858	6.68

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Elevated RL due to dilution required for matrix interference.

Volatile Surrogate Recovery Summary

Job Number: M94728
Account: MOBILSS ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M94728-1	G100595.D	109.0	112.0	106.0
M94728-2	G100594.D	109.0	111.0	104.0
M94728-3	G100593.D	108.0	111.0	105.0
M94704-1MS	G100582.D	115.0	113.0	102.0
M94704-1MSD	G100583.D	114.0	114.0	104.0
MSG4059-BS	G100571.D	114.0	112.0	103.0
MSG4059-BSD	G100572.D	112.0	113.0	103.0
MSG4059-MB	G100574.D	111.0	112.0	105.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 10/07/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	17	17		
Antimony	6.0	1.2	1.2		
Arsenic	4.0	1.1	1.9	0.10	<4.0
Barium	50	.36	3.7	1.5	<50
Beryllium	4.0	.18	.18		
Boron	100	.34	1.5		
Cadmium	4.0	.08	.12	0.10	<4.0
Calcium	5000	18	39		
Chromium	10	.48	.53	0.40	<10
Cobalt	50	.19	.28		
Copper	25	.92	.92		
Gold	50	1.3	1.7		
Iron	100	5.2	5.2	4.6	<100
Lead	5.0	1	1.5	-0.60	<5.0
Magnesium	5000	72	72		
Manganese	15	.14	.9		
Molybdenum	100	.15	.64		
Nickel	40	.25	.3		
Palladium	50	2.3	2.5		
Platinum	50	8.4	8.4		
Potassium	5000	44	44		
Selenium	10	1.1	1.7	0.20	<10
Silicon	100	6.4	7.2		
Silver	5.0	1	1	0.20	<5.0
Sodium	5000	29	31		
Strontium	10	.4	.4		
Thallium	5.0	.65	.74		
Tin	100	.45	.45		
Titanium	50	.84	.84		
Tungsten	100	5.8	12		
Vanadium	10	.87	1.1		
Zinc	20	.27	2		

Associated samples MP16034: M94728-1, M94728-2

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Metal	M94705-6 Original	MS	Spikelot MPICP	% Rec	QC Limits	M94705-6 Original	DUP	RPD	QC Limits
Prep Date:				10/07/10				10/07/10	
Aluminum									
Antimony									
Arsenic	0.0	540	500	108.0	75-125	0.0	0.0	NC	0-20
Barium	370	2480	2000	105.5	75-125	370	367	0.8	0-20
Beryllium									
Boron									
Cadmium	0.10	552	500	110.4	75-125	0.10	0.10	0.0	0-20
Calcium	anr								
Chromium	0.50	493	500	98.5	75-125	0.50	0.60	18.2	0-20
Cobalt									
Copper									
Gold									
Iron	970	3010	2000	102.0	75-125	970	953	1.8	0-20
Lead	1.7	998	1000	99.6	75-125	1.7	1.8	5.7	0-20
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	0.0	510	500	102.0	75-125	0.0	0.0	NC	0-20
Silicon									
Silver	0.0	219	200	109.5	75-125	0.0	0.0	NC	0-20
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									

Associated samples MP16034: M94728-1, M94728-2

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			10/07/10					10/07/10	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	520	500	104.0	80-120	515	500	103.0	1.0	20
Barium	2090	2000	104.5	80-120	2090	2000	104.5	0.0	20
Beryllium									
Boron									
Cadmium	534	500	106.8	80-120	529	500	105.8	0.9	20
Calcium	anr								
Chromium	499	500	99.8	80-120	500	500	100.0	0.2	20
Cobalt									
Copper									
Gold									
Iron	2040	2000	102.0	80-120	2070	2000	103.5	1.5	20
Lead	1020	1000	102.0	80-120	1000	1000	100.0	2.0	20
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	522	500	104.4	80-120	519	500	103.8	0.6	20
Silicon									
Silver	213	200	106.5	80-120	212	200	106.0	0.5	20
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									

Associated samples MP16034: M94728-1, M94728-2

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 10/07/10

Metal	M94705-6 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	370	377	2.0	0-10
Beryllium				
Boron				
Cadmium	0.100	0.500	400.0(a)	0-10
Calcium	anr			
Chromium	0.500	0.00	100.0(a)	0-10
Cobalt				
Copper				
Gold				
Iron	970	962	0.8	0-10
Lead	1.70	0.00	100.0(a)	0-10
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP16034: M94728-1, M94728-2

SERIAL DILUTION RESULTS SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16034 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16039 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/08/10

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.022	.048	0.0	<0.20

Associated samples MP16039: M94728-1, M94728-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16039
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 10/08/10 10/08/10

Metal	M94633-1F Original	MS	Spikelot HGRWS1	% Rec	QC Limits	M94633-1F Original	DUP	RPD	QC Limits
Mercury	0.0	3.1	3	103.3	75-125	0.0	0.0	NC	0-20

Associated samples MP16039: M94728-1, M94728-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

QC Batch ID: MP16039
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 10/08/10 10/08/10

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	3.0	3	100.0	80-120	2.9	3	96.7	3.4	20

Associated samples MP16039: M94728-1, M94728-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

New England ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Alkalinity, Total as CaCO3	GN33043	5.0	0.0	mg/l	250	261	104.4	80-120%
Alkalinity, Total as CaCO3	GN33076	5.0	0.0	mg/l	250	257	102.8	80-120%
BOD, 5 Day	GP12102/GN33011	1.0	<1.0	mg/l	198	216	109.1	85-115%
Chemical Oxygen Demand	GP12132/GN33106	20	0.0	mg/l				
Chemical Oxygen Demand	GP12132/GN33106	20	0.0	mg/l	50	49.7	99.4	80-120%

Associated Samples:
Batch GN33043: M94728-2
Batch GN33076: M94728-1
Batch GP12102: M94728-1, M94728-2
Batch GP12132: M94728-1, M94728-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN33043	M94770-3	mg/l	365	365	0.0	0-20%
Alkalinity, Total as CaCO3	GN33076	M94771-7	mg/l	658	663	0.8	0-20%
BOD, 5 Day	GP12102/GN33011	M94728-2	mg/l	5.1	4.6	10.3	0-20%
Chemical Oxygen Demand	GP12132/GN33106	M94771-6	mg/l	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GN33043: M94728-2
Batch GN33076: M94728-1
Batch GP12102: M94728-1, M94728-2
Batch GP12132: M94728-1, M94728-2
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: M94728
Account: MOBILSS - ExxonMobil
Project: GSCCT:S/S 01-G1P 7 Storrs Road Willimantic CT

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Alkalinity, Total as CaCO3	GN33043	M94770-3	mg/l	365	250	612	98.8	-%
Alkalinity, Total as CaCO3	GN33076	M94771-7	mg/l	658	250	915	102.8	-%
Chemical Oxygen Demand	GP12132/GN33106	M94771-6	mg/l	0.0	50	55.2	110.4	75-125%

Associated Samples:
Batch GN33043: M94728-2
Batch GN33076: M94728-1
Batch GP12132: M94728-1, M94728-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/26/10

Technical Report for

ExxonMobil

GSCCT:01-G1P 7 Storrs Road Willimantic CT

Accutest Job Number: M92843

Sampling Date: 07/08/10

Report to:

Kleinfelder (Master)

nlandry@kleinfelder.com

ATTN: Nathalie Landry

Total number of pages in report: **27**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

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Sample Summary

ExxonMobil

Job No: M92843

GSCCT:01-G1P 7 Storrs Road Willimantic CT

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M92843-1	07/08/10	14:16	BM	07/09/10	AQ	Ground Water	MW-102
M92843-2	07/08/10	13:21	BM	07/09/10	AQ	Ground Water	MW-103D
M92843-3	07/08/10	12:21	BM	07/09/10	AQ	Ground Water	MW-103S
M92843-4	07/08/10	09:31	BM	07/09/10	AQ	Ground Water	MW-105
M92843-5	07/08/10	11:04	BM	07/09/10	AQ	Ground Water	MW-112

Sample Results

Report of Analysis

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Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M92843-1	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46567.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M92843-1	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M92843-1	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	5290	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-102		
Lab Sample ID:	M92843-1	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	68.5	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M92843-2	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46568.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M92843-2	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M92843-2	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	< 100	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-103D		
Lab Sample ID:	M92843-2	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	61.0	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-103S		
Lab Sample ID:	M92843-3	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46569.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	6.1	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-103S		
Lab Sample ID:	M92843-3	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	15.5	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	22.6	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	78.8	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	25.3	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	27.6	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-103S		
Lab Sample ID:	M92843-3	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	578	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-103S		
Lab Sample ID:	M92843-3	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	91.0	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M92843-4	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46570.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M92843-4	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.8	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M92843-4	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	8750	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-105		
Lab Sample ID:	M92843-4	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	56.7	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	6.8	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-112		
Lab Sample ID:	M92843-5	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46571.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-112		
Lab Sample ID:	M92843-5	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	83%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-112		
Lab Sample ID:	M92843-5	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	656	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

Accutest LabLink@104270 13:52 26-Jul-2010

Report of Analysis

Client Sample ID:	MW-112		
Lab Sample ID:	M92843-5	**Date Sampled:**	07/08/10
Matrix:	AQ - Ground Water	**Date Received:**	07/09/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	76.0	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody

CHAIN OF CUSTODY- ExxonMobil Projects

ACCUTEST Laboratories

PAGE 1 OF 1

Accutest Laboratories of New England
495 Tech Center West, Bldg. 1, Marlboro, MA 01752
TEL: (508) 481-6200 FAX: (508) 481-7753
www.accutest.com

FED-EX Tracking #:
Accutest Quote #:
Bottle Order Control #:
Accutest Job #: M92843

Client / Reporting Information

Company Name: Kleinfelder
Street Address: 99 Lamberton Road, Suite 201
City: Windsor State: CT Zip: 06095
Project Contact: Dan Hunter E-mail:
Phone #: 860-683-4200 Fax #: 860-683-4206
Sampler(s) Name(s): Robert Madok Jr Phone #:

SITE NAME - Provide MRN for Retail or AFE for Major Projects

Retail Project (MRN): 01G1P
Major Project (AFE): E1.2007.64654
Project Name: 7 Storrs Road
City: Willimantic State: CT
ExxonMobil Manager: Mary Caruso
ExxonMobil Purchase Order #: 4510602915

ExxonMobil Environmental Services Co.

If Project is Direct Bill to Consultant
Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	(PAH Only) via 8270	ETPH via CT ETPH	Oxygenates by 8260	Alkalinity	Total Fe	Total RCRA 8	VOC + MTBE via 8260	COD	BOD			LAB USE ONLY
-1	MW-102		7-8-10	1416	BM	GW	7	X		X	X	X							X	X	X	X	X	X			
-2	MW-103D			1321		GW	7	X		X	X	X							X	X	X	X	X	X			
-3	MW-103S			1221		GW	7	X		X	X	X							X	X	X	X	X	X			
-4	MW-105			0931		GW	7	X		X	X	X							X	X	X	X	X	X			
~~-6~~	~~MW-106~~					GW																					
~~-7~~	~~MW-107~~					GW																					
~~-8~~	~~MW-110~~					GW																					
-5	MW-112		7-8-10	1104	Bm	GW	7	X		X	X	X							X	X	X	X	X	X			
	MW-3					GW																					15D, 6D,
	MW-4					GW																					3H6

Turnaround Time (Business days)
- [x] Std. 10 Business Days
- [ ] 8 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush TAT data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information
- [x] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	7-8-10 7:45	1 Kht Sample fridge	2	7-9-10	2
Relinquished by Sampler: 3	7/9/10 17:00	3	4		4
Relinquished by: 5		5			

Custody Seal # ☐ Intact ☐ Not Intact
Preserved where applicable ☐
On Ice ☑
Cooler Temp. 2.1C

M92843: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M92843 **Client:** KLF **Immediate Client Services Action Required:** No

Date / Time Received: 7/9/2010 5:00:00 PM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: EXXON **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	
2. Trip Blank listed on COC:	☐		☐	
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume rec'd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M92843: Chain of Custody
Page 2 of 2

New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/04/10

Technical Report for

ExxonMobil

GSCCT:01-G1P 7 Storrs Road Willimantic CT

PO#4512148080 WBS#08

Accutest Job Number: M92813

Sampling Date: 07/07/10

Report to:

Kleinfelder (Master)

nlandry@kleinfelder.com

ATTN: Nathalie Landry

Total number of pages in report: **37**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (002) ND (R-188) CO MN (11546AA) NC (653) IL (002337) DoD/ISO/IEC 17025:2005 (L2235)

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Accutest LabLink@104605 11:05 04-Aug-2010

Sample Summary

ExxonMobil

Job No: M92813

GSCCT:01-G1P 7 Storrs Road Willimantic CT
Project No: PO#4512148080 WBS#08

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M92813-1	07/07/10	11:11	BM	07/08/10	AQ	Ground Water	MW-106
M92813-2	07/07/10	13:46	BM	07/08/10	AQ	Ground Water	MW-107
M92813-3	07/07/10	15:31	BM	07/08/10	AQ	Ground Water	MW-110
M92813-4	07/07/10	18:41	BM	07/08/10	AQ	Ground Water	MW-3
M92813-5	07/07/10	17:16	BM	07/08/10	AQ	Ground Water	MW-4

Sample Results

Report of Analysis

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M92813-1	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46562.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M92813-1	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M92813-1	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I66889.D	1	07/31/10	AA	07/14/10	OP21991	MSI2275
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.1	ug/l	
208-96-8	Acenaphthylene	ND	5.1	ug/l	
120-12-7	Anthracene	ND	5.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	ug/l	
218-01-9	Chrysene	ND	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	ug/l	
206-44-0	Fluoranthene	ND	5.1	ug/l	
86-73-7	Fluorene	ND	5.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	ug/l	
91-20-3	Naphthalene	ND	5.1	ug/l	
85-01-8	Phenanthrene	ND	5.1	ug/l	
129-00-0	Pyrene	ND	5.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		30-130%
321-60-8	2-Fluorobiphenyl	59%		30-130%
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M92813-1	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO64130.D	1	07/23/10	AS	07/23/10	OP21990	GPO3646
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.372	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	68%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M92813-1	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	9560	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/14/10	07/14/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12009
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15601

RL = Reporting Limit

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-106		
Lab Sample ID:	M92813-1	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	22.5	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	3.3	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M92813-2	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46563.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M92813-2	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M92813-2	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I66890.D	1	07/31/10	AA	07/14/10	OP21991	MSI2275
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	66%		30-130%
1718-51-0	Terphenyl-d14	70%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M92813-2	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO64131.D	1	07/23/10	AS	07/23/10	OP21990	GPO3646
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	71%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M92813-2	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	9090	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/14/10	07/14/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12009
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15601

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-107		
Lab Sample ID:	M92813-2	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	32.1	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M92813-3	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46564.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M92813-3	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	6.2	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	4.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M92813-3	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I66891.D	1	07/31/10	AA	07/14/10	OP21991	MSI2275
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.1	ug/l	
208-96-8	Acenaphthylene	ND	5.1	ug/l	
120-12-7	Anthracene	ND	5.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	ug/l	
218-01-9	Chrysene	ND	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	ug/l	
206-44-0	Fluoranthene	ND	5.1	ug/l	
86-73-7	Fluorene	ND	5.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	ug/l	
91-20-3	Naphthalene	ND	5.1	ug/l	
85-01-8	Phenanthrene	ND	5.1	ug/l	
129-00-0	Pyrene	ND	5.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		30-130%
321-60-8	2-Fluorobiphenyl	54%		30-130%
1718-51-0	Terphenyl-d14	69%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M92813-3	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO64132.D	1	07/23/10	AS	07/23/10	OP21990	GPO3646
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	72%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M92813-3	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	4690	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/14/10	07/14/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12009
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15601

RL = Reporting Limit

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-110		
Lab Sample ID:	M92813-3	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	103	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M92813-4	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46565.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M92813-4	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M92813-4	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I66892.D	1	07/31/10	AA	07/14/10	OP21991	MSI2275
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	63%		30-130%
1718-51-0	Terphenyl-d14	65%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M92813-4	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO64133.D	1	07/23/10	AS	07/23/10	OP21990	GPO3646
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	82%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M92813-4	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	4420	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	M92813-4	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	37.5	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	3.6	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M92813-5	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E46566.D	1	07/13/10	SC	n/a	n/a	MSE1978
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M92813-5	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M92813-5	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I66893.D	1	07/31/10	AA	07/14/10	OP21991	MSI2275
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	5.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	ug/l	
120-12-7	Anthracene	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	ug/l	
218-01-9	Chrysene	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	ug/l	
86-73-7	Fluorene	ND	5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	ug/l	
129-00-0	Pyrene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		30-130%
321-60-8	2-Fluorobiphenyl	66%		30-130%
1718-51-0	Terphenyl-d14	66%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M92813-5	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO64134.D	1	07/24/10	AS	07/23/10	OP21990	GPO3646
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	74%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M92813-5	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Barium	< 50	50	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Iron	4950	100	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/16/10	07/16/10	MA	SW846 7470A [2]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/13/10	07/13/10	DA	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA12008
(2) Instrument QC Batch: MA12016
(3) Prep QC Batch: MP15598
(4) Prep QC Batch: MP15613

RL = Reporting Limit

Accutest LabLink@104605 11:05 04-Aug-2010

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	M92813-5	**Date Sampled:**	07/07/10
Matrix:	AQ - Ground Water	**Date Received:**	07/08/10
		Percent Solids:	n/a
Project:	GSCCT:01-G1P 7 Storrs Road Willimantic CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3	36.4	5.0	mg/l	1	07/15/10	MC	SM21 2320B
BOD, 5 Day	< 2.0	2.0	mg/l	1	07/09/10	CF	SM21 5210B
Chemical Oxygen Demand	< 20	20	mg/l	1	07/13/10	CF	SM21 5220C

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY- ExxonMobil Projects

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Accutest Laboratories of New England
495 Tech Center West, Bldg. 1, Marlboro, MA 01752
TEL: (508) 481-6200 FAX: (508) 481-7753
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: M92813

Client / Reporting Information

Company Name: Kleinfelder
Street Address: 99 Lamberton Road, Suite 201
City: Windsor State: CT Zip: 06095
Project Contact: Dan Hunter E-mail:
Phone #: 860-683-4200 Fax #: 860-683-4206
Sampler(s) Name(s): Robert Malore Jr Phone #:

SITE NAME - Provide MRN for Retail or AFE for Major Projects

Retail Project (MRN): 01G1P
Major Project (AFE): E1.2007.64654
Project Name: 7 Storrs Road
City: Willimantic State: CT
ExxonMobil Manager: Mary Caruso
ExxonMobil Purchase Order #: 4510602915

ExxonMobil Environmental Services Co.

If Project is Direct Bill to Consultant
Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	(PAH Only) via 8270	ETPH via CT ETPH	Oxygenates by 8260	Alkalinity	Total Fe	Total RCRA 8	VOC + MTBE via 8260	COD	BOD			LAB USE ONLY
M92813																											
—	~~MW-102~~ BM					GW																					
—	~~MW-103D~~					GW																					
—	~~MW-103S~~					GW																					
—	~~MW-105~~					~~GW~~																					
-1	MW-106		7-7-10	1111	BM	GW	9	X		X	X	X				X	X		X	X	X	X	X	X			
-2	MW-107			1346	BM	GW	9	X		X	X	X				X	X		X	X	X	X	X	X			
-3	MW-110			1531	BM	GW	9	X		X	X	X				X	X		X	X	X	X	X	X			
—	~~MW-112~~ BM					GW																					
-4	MW-3		7-7-10	1841	BM	GW	9	X		X	X	X				X	X		X	X	X	X	X	X			
-5	MW-4			1716	BM	GW	9	X		X	X	X				X	X		X	X	X	X	X	X			

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 8 Day *RUSH*
- [ ] 6 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [x] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

loc. 15C, 17B, 6D, 36G

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	7-8-10 0630	1 Kit Sample fridge	2	7-8-10 1700	2
3 B.C	7-8-10 1800	3 B.C	4		4
Relinquished by: 5	Date Time:	Received By: 6	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice ✓	Cooler Temp. 2-4

M92813: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M92813 **Client:** KLEIN **Immediate Client Services Action Required:** No

Date / Time Received: 7/8/2010 6:00:00 PM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: WILLIIMANTIC **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	
2. Trip Blank listed on COC:	☐		☐	
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume rec'd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

M92813: Chain of Custody
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