GeoLogic

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October 16, 2012

Mr. Steve Rogers
Miller Brewing Co.
c/o
Operations & Maintenance, Inc.
Miller Brewing GWTF
1850 Rt. 57 Riverview Business Park
Fulton, New York 13069

Reference: Supplemental Soil Investigation
Former Miller Container Site
NYSDEC Site # 7-38-029
Fulton, New York

Dear Mr. Rogers:

This letter report documents the findings from the direct push sampling conducted on August 6, 2012 in the northeast corner of the main parking lot at the above referenced site.

The work was undertaken in response to the discovery of soil contaminated with chlorinated compounds (particularly tetrachloroethene-PCE) during an unrelated soil removal activity at the site by Riccelli Fulton, LLC (Riccelli).

The area of concern is shown on the attached Boring Location Plan and is labeled "*Approximate VOC-Impacted Area*." The area nominally measures 40 feet by 20 feet and is immediately adjacent to the paved parking lot on the north side of the facility.

Background

It is reported by Spectra Engineering in January 2012 that during removal of soil in the impacted area photoionization detector (PID) readings indicative of the presence of volatile compounds were recorded. The suspect soil was stockpiled and sampled. The analytical results (copy attached) indicated the presence of PCE at concentrations ranging from 1,300 ug/Kg to 33,000 ug/Kg (the results are qualified with the notation "Outlying QC recoveries were associated with this parameter."). Methylene chloride was also reported present at concentrations of up to 4,300 ug/Kg.

There is an existing network of groundwater monitoring wells at the site. The closest down or cross gradient monitoring well to the impacted area is MW-38S. The presence of chlorinated compounds in the groundwater in this area of the Site has been known since at least 1997 (see previously submitted historic results from monitoring well MW-38S).

PCE concentrations in the range of 600 ug/L to 670 ug/L were reported in the groundwater samples collected from MW-38S in 1997. Since 1997, the concentration of PCE reported in the samples from MW-38S has declined to a range of 150 ug/L to 230 ug/L over the last four years of monitoring.

The historic presence of chlorinated compounds in this area of the Site is further evidenced by the results from the soil gas survey conducted in 1990 and the membrane interface probe (MIP) survey conducted in

2008 - both of which indicated the presence of chlorinated compounds, however not at levels that warranted additional investigation or remediation.

In response to the discovery of chlorinated compounds in the groundwater at the Site, a series of groundwater recovery wells were installed in 1996 as required under the Record of Decision (ROD) and made operational in 1997. The closest recovery wells are RW-2, RW-3 and RW-4, located southwest of the area of concern. A review of capture zone analyses computed by Earth Tech Engineers of New York, P.C. in the Final Engineering Report dated November 1997, indicates that the impacted area and monitoring well MW-38S are within the capture zones of the recovery wells.

Based on the boring log for MW-38S, the soils in the impacted area are predominately fine sand with some silt and clay. The depth to groundwater as reported in MW-38S varies seasonally and is generally 10 to 15 feet below the ground surface.

Scope of Work

The following scope of work was initiated to investigate and better define the lateral and vertical extent of the chlorinated compounds in the soil in the impacted area.

A series of direct push (Geoprobe Model 6620DT) sample probes were advanced in and around the area where the chlorinated compounds were reported to have been discovered.

Continuous soil samples were obtained at each location using a macro-core sampler. The sampler was equipped with single use acetate liners for sample retrieval. The sampling terminated at the water table.

A representative soil sample from each interval was placed in a zip closing plastic bag. At the completion of the sampling at each location, the “bagged samples” were allowed to warm and off-gas for a minimum of 15 minutes. The samples were then screened with a PID (MiniREA2000 equipped with a 10.6 eV lamp) for the possible presence of volatile compounds. The PID readings were recorded on the Subsurface Log maintained for each location.

The soil sample from each location exhibiting the highest PID reading was submitted for analysis for the presence of volatile organic compounds using EPA Method 8260.

Consistent with the Work Plan dated May 8, 2012, the first five sampling probes were located at the center of and on each side of the impacted area (see Drawing No. 1).

Since possible evidence of contamination was detected in the 4 to 8 ft. sample from DP-12-4 (PID = 22.1 ppm) located on the northwest side of the area of concern, additional sample probes were advanced in that direction in accordance with the Work Plan.

Generally, the sample probes were advanced to depths of 12 feet below the ground surface. DP-12-1 was advanced to a depth of 16 feet in order to gauge the depth to groundwater at the time the work was completed and DP-12-12 and DP-12-13 were terminated at depths of 4 feet each for reasons outlined in subsequent sections below.

All laboratory samples were analyzed by Life Science Laboratories, Inc. using normal QA/QC protocols. As stated in the Work Plan, Category B deliverables and a Data Usability Summary Report were not provided.

Field equipment was decontaminated using a tap water/Liquinox wash/tap water rinse.

The sample locations were established relative to the existing site features.

Findings

The field work was conducted on August 6, 2012. Personnel on site were Joseph Menzel and Forrest Earl of GeoLogic NY, Inc. and Gary Mullen, Jr. of Operations & Maintenance, Inc.

The soils encountered consisted of a brown silt, sand and gravel fill (in the area previously excavated by Riccelli) overlying a brown fine sand and silt unit (native soils). The fill ranged in depth from 4 to 7 ft. The soil at DP-12-1 became saturated at a depth of 12 feet. The depth to water in piezometer PZ-2 located just northeast of the impacted area was 11.97 feet from the top of the PVC well pipe. Based on the observed moisture content in the soil samples from DP-12-1 and the depth to water measurement in PZ-2, a termination depth of 12 feet was established for the remaining sample locations.

The first five sample locations were at the center (DP-12-1) and on each side of the area of concern (Drawing No. 1). The highest PID reading from each location was:

DP-12-1 – 4.5 ppm (12-16 ft. sample)
DP-12-2 – 6.3 ppm (4-8 ft. sample)
DP-12-3 – 5.4 ppm (0-4 ft. sample, fill)
DP-12-4 – 22.1 ppm (4-8 ft. sample)
DP-12-5 – 16.1 ppm (0-4 ft. sample, fill)

After reviewing the field screening results, it was agreed that additional sample probes should be advanced to the northwest of the area of concern as a result of the PID reading from the 4-8 ft. sample from DP-12-4 (22.1 ppm). Thus, eight additional sample probes were advanced to the north and northwest of the area of concern. The highest PID reading from each of the additional locations was:

DP-12-6 – 9.7 ppm (4-8 ft. sample)
DP-12-7 – 11.6 ppm (8-12 ft. sample)
DP-12-8 – 5.4 ppm (8-12 ft. sample)
DP-12-9 – 6.6 ppm (0-4 ft. sample, fill)
DP-12-10 – 6.0 ppm (0-4 ft. sample)
DP-12-11 – 6.6 ppm (0-4 ft. sample, fill)
DP-12-12 – 2.3 ppm (0-4 ft. sample, only sample taken)
DP-12-13 – 17.1 ppm (0-4 ft. sample, only sample taken)

After reviewing the field screening results, it was concluded that no additional sampling would be conducted pending the completion of the laboratory analyses. This was concluded based on the fact that no apparent trends in the field screening were observed either vertically or horizontally, nor between native soils versus fill soils and that, the highest PID reading was only 22.1 ppm. The lack of correlation spatially and between soil samples suggested that the field screening method might not be suitable to distinguish the apparent degree of contamination.

All of the samples noted above were submitted for analysis with the exception of DP-12-11. Since the 0-4 ft. sample from DP-12-11 appeared to be fill, and the 4-8 ft. sample exhibited a similar PID reading (5.1 ppm) the 4-8 ft. sample was submitted for analysis in an effort to better compare the field screen results with the laboratory results. Additionally, the samples from DP-12-5, 4-8 ft. and DP-12-9, 8-12 ft. were also submitted for analysis in an attempt to better correlate the PID readings with the laboratory results.

The samples were analyzed by Life Science Laboratories, Inc. using EPA Method 8260B for Target Compound List Volatiles. The results are attached and summarized on Table No. 1. The total reported volatile concentrations for each sample versus the field screening PID readings are presented on Table No. 2.

Note: The tetrachloroethene (PCE) concentration reported in sample DP-12-7, 8-12 ft. is qualified as *"E = this result should be considered an estimate because the concentration exceeded the linear range of the instrument."* David Pritchard of Life Science Laboratories was contacted regarding the qualifier. Mr. Pritchard stated that the upper end of the linear range was 400 ug/Kg. Because the estimated concentration is within 10% of the upper end of the linear response (estimated concentration of 430 ug/Kg versus upper end response of 400 ug/Kg), laboratory protocol does not require re-analysis of the sample. Mr. Pritchard further stated that in his professional opinion, the estimated concentration is "very accurate."

While volatile organic compounds (VOCs) were reported in many of the samples analyzed, only Acetone in the 0-4 ft. sample from DP-12-5 (130 ug/Kg) exceeded the Soil Clean-up Objective (SCO), 50 ug/Kg for Restricted Use (see 6 NYCRR Part 375 6.8(b)). (Note: the Site specific soil clean-up levels cited in the ROD for the Northern Unit are considerably higher (see page 6 of the ROD).

Furthermore, given that the Acetone was found in the 0 to 4 ft. interval in an area that was said to have been excavated to a depth of five feet and restored as part of the chloride remedial activities, the presence of Acetone would not be attributed to operations associated with Miller Brewing Company, which ceased manufacturing operations at the Site almost 20 years ago. Information provided by John Ciampa of Spectra Engineering (attached) indicates that the location of boring DP-12-5 falls within the area excavated to a depth of five feet.

Although the presence of PCE was reported in the soils excavated by Riccelli, none of the samples analyzed as part of this evaluation had PCE concentrations above the most conservative SCO (see 6 NYCRR Part 375 6.8(b), Protection of Groundwater). The SCO is 1,300 ug/Kg, while the highest concentrations reported in the samples were 430 ug/Kg (E) in the 8 to 12 ft. sample from DP-12-7 and 450 ug/Kg in the 12 to 16 ft. sample from DP-12-1.

A review of Table No. 2 comparing the field screening PID readings versus the total volatile concentrations reported in the laboratory samples indicates there is no direct correlation between the readings. The maximum PID reading of 22.1 ppm yielded a total volatile concentration of 152 ppb, while the highest total volatile concentration of 521 ppb corresponded to a PID reading of 4.5 ppm. The lack of correlation between the field screening readings and the analytical results likely is a product of the relatively low concentrations of volatiles present in the samples (less than 0.5 ppm), the response range of the field instrument (the maximum PID reading recorded was in the lowest 1% of the range of the instrument), the potential influence of moisture in the samples on the response of the field instrument, and the inherent variability associated with the field screening methodology.

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Conclusions & Recommendations

The analytical results provided by Spectra Engineering for the three samples obtained in "VOC-Impacted Area" indicate that the concentrations of tetrachloroethene and methylene chloride exceeded both the site specific Northern Unit Soil Clean-up Levels and the Part 375-6.8(b) SCOs (Protection of Groundwater). None of the samples analyzed as part of this evaluation exceeded either set of criteria. This supports the view that any VOC impacted soils of concern have already been removed.

It is our professional opinion that the data does not warrant the collection and analysis of additional samples. Thirteen sample probes were advanced in and around the "approximate VOC-impacted area" as identified by Spectra Engineering. The highest field screening result was 22.1 ppm and none of the 15 samples submitted for laboratory analysis exceeded the soil clean-up criteria for tetrachloroethene or methylene chloride.

If you have any questions, or need any additional information, please do not hesitate to contact us.

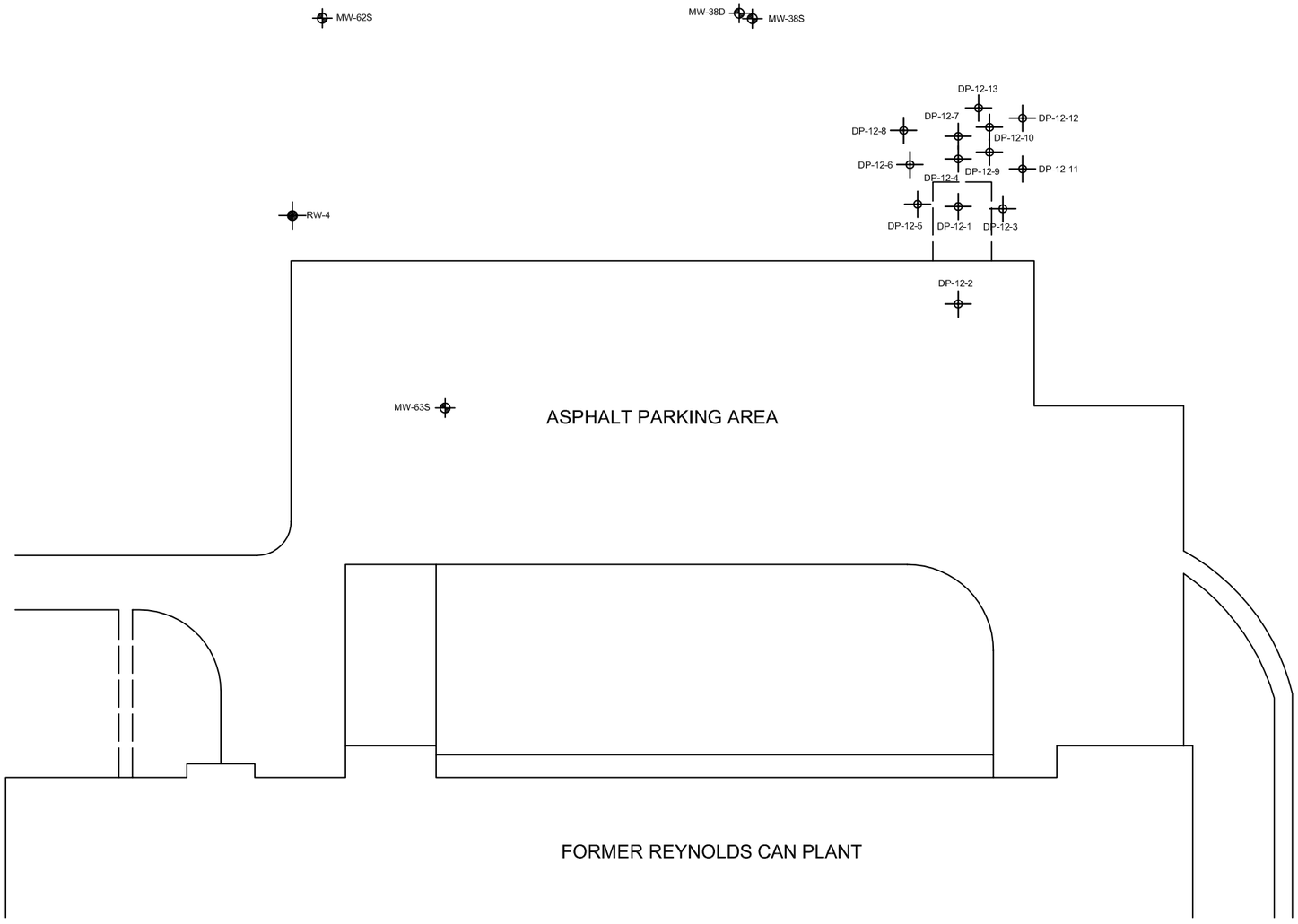
Sincerely;

GeoLogic NY, Inc.

Forrest Earl
President/Principal Hydrogeologist

Enc.: Boring Location Plan, Subsurface Logs, Table No. 1, Table No. 2, Analytical Results, Spectra Engineering Documents

cc: File 212046\Report\Report



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LEGEND:

- EXISTING MONITORING WELL LOCATIONS
- EXISTING RECOVERY WELL LOCATIONS
- DIRECT PUSH SAMPLING LOCATION
- APPROXIMATE VOC-IMPACTED AREA (As Identified by Spectra Environmental, January 2012

NOTE: DRAWING BASED ON MILLER BREWING COMPANY, FULTON, NY, REYNOLDS CAN PLANT REMEDIATION, SITE PLAN, PREPARED BY EARTH TECH, DATED SEPTEMBER 1995.

THIS PLAN DOES NOT CONSTITUTE A SURVEY AND IS INTENDED TO CONVEY APPROXIMATE SAMPLE LOCATIONS AND SITE FEATURES.

APPROXIMATE SCALE:

0' 30' 60' 120'

\..\212046\TECH\BORING LOCATION PLAN 08-07-12.DWG

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GeoLogic NY, Inc., Homer, New York

BORING LOCATION PLAN
MILLER BREWING COMPANY
REYNOLDS CAN PLANT REMEDIATION
FULTON, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
FCE/SDW	AS SHOWN	212046
REVIEWED BY:	DATE:	DRAWING NO.:
	AUG. 2012	1

GeoLogic NY, Inc.
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KEY TO SUBSURFACE LOG

Boring No.: B-1
Project No.: 209001
Date Started: 1/31/09
Date Completed: 1/31/09

Sheet 1 of 1

Project:
Location:

Reference Elevation: 100.0

Depth (ft.)	Sample No.	Type	SPT Blows	N-Value	Recovery (ft.)	PID Reading (ppm)	MATERIAL DESCRIPTION	REMARKS
0							Ground Surface	Water level at 2.0' with augers at 7.5'.
1	1	ss	1 2 2 1	4	2.0	32	Brown SILT, Some fine-coarse Sand, trace clay, moist-loose	At completion water level at 2.2' with augers at 10.0'.
2	2						Gray SHALE, medium hard weathered, thin bedded, some fractures	Run #1: 3.0'-5.0' 95% Recovery, 50% RQD

1 2 3 4 5 6 7 8 9 10

TABLE I

Identification of soil type is made on basis of an estimate of particle sizes, and in the case of fine-grained soils also on basis of plasticity.

Soil Type		Soil Particle	
Boulder		> 12"	
Cobble		12" - 3"	
Gravel	- Coarse	3" - 3/4"	Coarse Grained
	- Fine	3/4" - #4	(Granular)
Sand	- Coarse	#4 - #10	
	- Medium	#10 - #40	
	- Fine	#40 - #200	
Silt-Non Plastic (Granular)		< #200	Fine Grained
Clay-Plastic (Cohesive)			

TABLE II

The following terms are used in classifying soils consisting of mixtures of two or more soil types. The estimate is based on weight of total sample.

Term	Percent of Total Sample
"and"	35 - 50
"some"	20 - 35
"little"	10 - 20
"trace"	1 - 10

(When sampling gravelly soils with a standard split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter.)

TABLE III

The relative compactness or consistency is described in accordance with the following terms.

Granular Soils		Cohesive Soils	
Term	**Blows per Foot, N**	**Term**	**Blows per Foot, N**
Loose	< 11	Very Soft	< 2
Firm	11 - 30	Soft	2 - 4
Compact	31 - 50	Medium	4 - 8
Very Compact	> 51	Stiff	8 - 15
		Very Stiff	15 - 30
		Hard	>30

(Large particles in the soils will often significantly influence the blows per foot recorded during the Penetration Test.)

TABLE IV

Stratified Soils	
Descriptive Term	**Thickness**
Parting	- 0" - 1/16"
Seam	- 1/16" - 1/2"
Layer	- 1/2" - 12"
Stratum	- >12"
Varved Clay	- Alternating seams or layers of sand, silt & clay
Pocket	- small, erratic deposit, usually <12"
Lens	- lenticular deposit
Occasional	- one or less per foot of thickness
Frequent	- more than one per foot of thickness

TABLE V

Rock Classification Terms			
Term		**Meaning**	
Hardness	Soft	Scratched by fingernail	
	Medium Hard	Scratched easily by penknife	
	Hard	Scratched with difficulty by penknife	
	Very Hard	Cannot be scratched by penknife	
Weathering	Very Weathered	Judged from the relative amounts of disintegration,	
	Weathered	iron staining, core recovery, clay seams, etc.	
	Sound		
Bedding	Laminated	Natural breaks in Rock Layers	<1"
	Thin bedded		1"-4"
	Bedded		4"-12"
	Thick bedded		12"-36"
	Massive		>36"
(Fracturing refers to natural breaks in the rock oriented at some angle to the rock layers.)			

GENERAL INFORMATION & KEY TO SUBSURFACE LOGS

The information presented in the following defines some of the procedures and terms used on the Subsurface Logs to describe the conditions encountered.

1. The figures in the Depth column define the scale of the Subsurface Log.
2. The Sample No. is used for identification on sample containers.
3. The sample column shows, graphically, the depth range from which a sample was recovered. (ss – split spoon; core – rock core; st – shelby tube; dp – direct push). If not shown as a separate column, the sample type should be referenced in the Remark column or in the footnote.
4. Blows on Sampler - shows the results of the "Penetration Test", recording the number of blows required to drive a split spoon sampler into the soil. The number of blows required for each six inches of penetration is recorded. The first 6 inches of penetration is considered to be a seating drive. The number of blows required for the second and third 6 inches of penetration is termed the penetration resistance, N. The outside diameter of the sampler, the hammer weight and the length of drop are noted at the bottom of the Subsurface Log.
5. Recovery shows the length of the recovered soil sample for the sample device noted.
6. All recovered soil samples are reviewed in the office by an experienced technical specialist or geologist, unless noted otherwise. The visual descriptions are made on the basis of a combination of the field descriptions and observations and the sample as received in the office. The method of visual classification is based primarily on the Unified Soil Classification (ASTM D 2487-83) with regard to the particle size and plasticity. (See Table I). Additionally, the relative portion, by weight, of two or more soil types is described for granular soils in accordance with "Suggested Methods of Test for Identification of Soils" by D.M. Burmister, ASTM Special Technical Publication 479, June 1970. (See Table II) The description of the relative soil density or consistency is based upon the penetration records as defined on Table No. III. The description of the soil moisture is based upon the relative wetness of the soil as recovered and is described as damp, moist, wet and saturated. Water introduced in the boring either naturally or during drilling may have affected the moisture condition of the recovered sample. Special terms are used as required to describe materials in greater detail; several such terms are listed in Table IV. When sampling gravelly soils with a standard two-inch diameter split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter. The presence of boulders and large gravel is sometimes, but not necessarily, detected by an evaluation of the casing/hollow stem augers and samplers blows or through the "action" of the drill rig.
7. The description of the rock shown is based on the recovered rock core and the field observations. The terms frequently used in the description are included in Table V.
8. The stratification lines represent the approximate boundary between soil types, and the actual transition may be gradual.
9. Miscellaneous observations and procedures noted in the field are shown in this column, including water level observations. It is important to realize the reliability of the water level observations depends upon the soil type (water does not readily stabilize in a hole through fine grained soils), and that drill water used to advance the boring may have influenced the observations. The groundwater level typically will fluctuate seasonally. One or more perched or trapped water levels may exist in the ground seasonally. All the available readings should be evaluated. If definite conclusions cannot be made, it is often prudent to examine the conditions more thoroughly through test pit excavations or monitoring wells.
10. The length of core run is defined as the length of penetration of the core barrel. Core recovery is the length of core recovered divided by the core run. The RQD (Rock Quality Designation) is the total pieces of NX core exceeding 4 inches in length divided by the core run. The size of the core barrel used is also noted at the bottom of the subsurface log.

The Subsurface Logs attached to this report present the observations and mechanical data collected at the site, supplemented by classification of material removed from the borings as determined through visual identification. It is cautioned that the materials removed from the borings represent only a fraction of the total volume of the deposits at the site and may not necessarily be representative of the subsurface conditions between adjacent borings or between the sampled intervals. The data presented on the Subsurface Logs together with the recovered samples will provide a basis for evaluating the character of the subsurface conditions relative to the project. The evaluation must consider all the recorded details and their significance relative to each other. Often analyses of boring data indicate the need for additional testing or sampling procedures to more accurately evaluate the subsurface conditions. Any evaluation of the contents of this report and the recovered samples must be performed by knowledgeable Professionals.

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SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-1
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	3.0	0	FILL: Brown SAND, SILT and GRAVEL	
4	2	3.5	1.2	Brown fine SAND, Some Silt, little clay, moist	
8	3	4.0	0		
12	4	4.0	4.5	saturated at 12.0'	
16				BORING TERMINATED AT 16.0'	
20					

Visually Classified by: Geologist

File: 212046/tech/DP-12-1

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SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-2
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	3.0	2.0	FILL: Brown SAND, SILT and GRAVEL	
4	2	3.5	6.3	Brown fine SAND and SILT, little to trace clay	
8	3	3.0	5.2		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-2

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SUBSURFACE LOG - DIRECT PUSH

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Fulton, New York

Boring No: : DP-12-3
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	4.0	5.4	FILL: Brown SAND, SILT and GRAVEL	
4	2	4.0	1.6	Brown fine SAND and SILT, trace clay, moist	
8	3	4.0	0.9		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-3

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SUBSURFACE LOG - DIRECT PUSH

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Fulton, New York

Boring No: : DP-12-4
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	4.0	0.8	FILL: Brown SAND, SILT and GRAVEL	
4	2	4.0	22.1	Brown fine SAND and SILT, little to trace clay, moist	
8	3	4.0	13.5		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-4

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SUBSURFACE LOG - DIRECT PUSH

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Fulton, New York

Boring No: : DP-12-5
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	3.5	16.1	FILL: Brown SAND, SILT and GRAVEL	
4	2	3.0	10.1	Brown fine SAND and SILT, little to trace clay, moist	
8	3	3.5	3.2		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-5

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SUBSURFACE LOG - DIRECT PUSH

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Fulton, New York

Boring No: : DP-12-6
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	3.0	3.9	FILL: Brown SAND, SILT and GRAVEL	
4	2	3.5	9.7	Brown fine SAND and SILT, little to trace clay, moist	
8	3	4.0	6.0		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-6

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SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-7
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	4.0	0.8	FILL: Brown SAND, SILT and GRAVEL	
4	2	4.0	4.7	Brown fine SAND and SILT, little to trace clay, moist	
8	3	4.0	11.6		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-7

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SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-8
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	4.0	3.4	FILL: Brown SAND, SILT and GRAVEL	
4	2	4.0	4.7	Brown fine SAND and SILT, little to trace clay, moist	
8	3	4.0	5.4		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-8

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SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-9
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	3.5	6.6	FILL: Brown SAND, SILT and GRAVEL	
4	2	3.0	5.1	Brown fine SAND and SILT, little to trace clay, moist	
8	3	4.0	3.7		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-9

10-16-2012 P:\PROJECTS\2012\212046 - OMI - Miller Brewing\TECH\DP-12-9.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-10
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	3.5	6.0	Topsoil 0.5' Brown fine SAND and SILT, little to trace clay	
4	2	3.5	2.5		
8	3	4.0	4.8		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-10

10-16-2012 P:\PROJECTS\2012\212046 - OMI - Miller Brewing\TECH\DP-12-10.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-11
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0	1	2.5	6.6	FILL: Brown SAND, SILT and GRAVEL	
4	2	3.5	5.1	Brown fine SAND and SILT, little to trace clay, moist	
8	3	4.0	3.7		
12				BORING TERMINATED AT 12.0'	
16					

Visually Classified by: Geologist

File: 212046/tech/DP-12-11

10-16-2012 P:\PROJECTS\2012\212046 - OMI - Miller Brewing\TECH\DP-12-11.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-12
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0				Topsoil 0.5'	
				Brown fine SAND and SILT, little to trace clay, damp	
	1	4.0	2.3		
4				BORING TERMINATED AT 4.0'	

Visually Classified by: Geologist

File: 212046/tech/DP-12-12

10-16-2012 P:\PROJECTS\2012\212046 - OMI - Miller Brewing\TECH\DP-12-12.bor

GeoLogic
PO Box 350, Homer, NY 13077
607-749-5000 / 607-749-5063 (fax)

SUBSURFACE LOG - DIRECT PUSH

Miller / OMI

Fulton, New York

Boring No: : DP-12-13
Project No.: : 212046
Date Started: : 08/06/12
Date Completed: : 08/06/12

Depth (ft)	Sample No.	Recovery (ft)	PID Reading (ppm)	DESCRIPTION	REMARKS
0				Topsoil 0.5'	
				Brown fine SAND and SILT, trace clay	
	1	4.0	17.1		
4				BORING TERMINATED AT 4.0'	

Visually Classified by: Geologist

File: 212046/tech/DP-12-13

10-16-2012 P:\PROJECTS\2012\212046 - OMI - Miller Brewing\TECH\DP-12-13.bor

Former Miller Container

TABLE 1

SUPPLEMENTAL SOIL INVESTIGATION
SOIL DATA SUMMARY
AUGUST 2012
NYSDEC Site No. 7-38-029

Sample Location	6NYCRR	ROD	DP-12-1	DP-12-2	DP-12-3	DP-12-4	DP-12-5	DP-12-5	DP-12-6	DP-12-7	DP-12-8	DP-12-9	DP-12-9	DP-12-10	DP-12-11	DP-12-12	DP-12-13
	Part 375 SCO	Mar-95	12-16'	4-8'	0-4	4-8'	0-4'	4-8'	4-8'	8-12'	8-12'	0-4'	8-12'	0-4'	8-12'	0-4'	0-4'
Parameter	**Restricted**		**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
EPA 8260B TCL	**ug/Kg**	**ug/Kg**															
1,1,1-Trichloroethane	680	800	7.4	ND	ND	18.0	ND	ND	4.8	48.0	ND	ND	4.3	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	270		15.0	ND	ND	8.0	ND	ND	7.2	18.0	9.4	ND	7.8	ND	ND	ND	ND
1,1-Dichloroethene	330	400	7.6	ND	ND	4.9	ND	ND	ND	33.0	7.7	ND	13.0	ND	ND	ND	ND
1,2,3-Trichlorobenzene	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromomethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-trimethylbenzene	8,400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	100		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	120		ND	ND	ND	ND	45.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	253	ND	ND	ND	ND	130.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	760		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	5,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon-113	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes - Mixed	1600	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methyl tert-butyl ether	930		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	50	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	2,366	450.0	30.0	ND	34.0	ND	24.0	39.0	*430 E	36.0	ND	170.0	ND	9.1	ND	7.6
Toluene	700	1500	7.1	ND	ND	ND	91.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	700	14.0	ND	ND	ND	ND	ND	7.1	9.6	ND	ND	9.4	ND	ND	ND	ND

Former Miller Container

TABLE 1

SUPPLEMENTAL SOIL INVESTIGATION
SOIL DATA SUMMARY
AUGUST 2012
NYSDEC Site No. 7-38-029

Sample Location	**6NYCRR**	**ROD**	DP-12-1	DP-12-2	DP-12-3	DP-12-4	DP-12-5	DP-12-5	DP-12-6	DP-12-7	DP-12-8	DP-12-9	DP-12-9	DP-12-10	DP-12-11	DP-12-12	DP-12-13
	Part 375 SCO	**Mar-95**	12-16'	4-8'	0-4	4-8'	0-4'	4-8'	4-8'	8-12'	8-12'	0-4'	8-12'	0-4'	8-12'	0-4'	0-4'
Parameter	**Restricted**		**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
EPA 8260B TCL	**ug/Kg**	**ug/Kg**															
Trichlorofluoromethane	100,000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	20		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	cis-250, trans-190	300	20.0	31.0	ND	87.0	ND	24.0	62.0	37.0	6.7	ND	8.6	ND	ND	ND	ND

Notes:
Highlighted value exceeds site specific Northern Unit Soil Clean-up Level or
6NYCRR Part 375 6.8(b) Soil Cleanup Objective (SCO) for Restricted Use/Protection of Groundwater

*E = Result should be considered an estimate because the concentration exceeded the linear range of the instrument

FORMER MILLER CONTAINER
TABLE 2
SUPPLEMENTAL SOIL INVESTIGATION
FIELD SCREENING VS. LABORATORY RESULTS
AUGUST 2012
NYSDEC SITE NO. 7-38-029

Sample	PID (ppm)	Total Vols (ug/Kg)	Highest Individual Concentration
DP-12-4, 4-8 ft	22.1	152	87 - 1,2 Dichloroethene
DP-12-13, 0-4 ft	17.1	7	7 - Tetrachloroethene
DP-12-5, 0-4 ft	16.1	265	130 - Acetone
DP-12-7, 8-12 ft	11.6	576	430(E) - Tetrachloroethene
DP-12-5, 4-8 ft	10.1	48	24 - 1,2 Dichloroethene & 24 - Tetrachloroethene
DP-12-6, 4-8 ft	9.7	120	62 - 1,2 Dichloroethene
DP-12-9, 0-4 ft	6.6	ND	
DP-12-2, 4-8 ft	6.3	61	31 - 1,2 Dichloroethene
DP-12-10, 0-4 ft	6.0	ND	
DP-12-3, 0-4 ft	5.4	ND	
DP-12-8, 8-12 ft	5.4	60	36 - Tetrachloroethene
DP-12-1, 12-16 ft	4.5	521	450 - Tetrachloroethene
DP-12-9, 8-12 ft	3.7	213	170 - Tetrachloroethene
DP-12-11, 8-12 ft	3.7	9	9 - Tetrachloroethene
DP-12-12, 0-4 ft	2.3	ND	

Gary Mullen, Jr.
Operations & Maintenance, Inc.
7 Barton Rd.
Pennellville, NY 13132 USA

Phone: (315) 598-5396

Laboratory Analysis Report

For

Operations & Maintenance, Inc.

LSL Project ID: **1212760**

Receive Date/Time: 08/07/12 16:38

Project Received by: RD

Life Science Laboratories, Inc.

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Tel. (315) 445-1900
Fax (315) 445-1104
NYS DOH ELAP #10248
PA DEP #68-2556

LSL North Lab
131 St. Lawrence Avenue
Waddington, NY 13694
Tel. (315) 388-4476
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LSL Finger Lakes Lab
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Wayland, NY 14572
Tel. (585) 728-3320
Fax (585) 728-2711
NYS DOH ELAP #11667

LSL Southern Tier Lab
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LSL MidLakes Field Offfice
493 South Main Street
Canandaigua, NY 14424
Tel. (585) 728-3320
Fax (585) 728-2711

This report was reviewed by: Linda M. Pohli, QA ***Date:*** 8/29/12

Life Science Laboratories, Inc.

A copy of this report was sent to:

Geologic

Date Printed: 8/24/12

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-1 12-16' **LSL Sample ID:** 1212760-001

Location:

Sampled: 08/06/12 9:52 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<5	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	15	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	7.6	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	20	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	450	ug/kg			8/9/12	MSV
Toluene	7.1	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	7.4	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	14	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	75	%R			8/8/12	MSV
Surrogate (Tol-d8)	121	%R			8/8/12	MSV
Surrogate (4-BFB)	111	%R			8/8/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-2 4-8' **LSL Sample ID:** 1212760-002

Location:

Sampled: 08/06/12 10:12 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	31	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	30	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	<3	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	72	%R			8/8/12	MSV
Surrogate (Tol-d8)	120	%R			8/8/12	MSV
Surrogate (4-BFB)	101	%R			8/8/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-3 0-4' **LSL Sample ID:** 1212760-003

Location:

Sampled: 08/06/12 10:40 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	<3	ug/kg			8/8/12	MSV
Toluene	<3	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	<3	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	72	%R			8/8/12	MSV
Surrogate (Tol-d8)	119	%R			8/8/12	MSV
Surrogate (4-BFB)	104	%R			8/8/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-4 4-8' **LSL Sample ID:** 1212760-004

Location:

Sampled: 08/06/12 10:58 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	8.0	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	4.9	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	87	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	34	ug/kg			8/8/12	MSV
Toluene	<3	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	18	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	<3	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	76	%R			8/8/12	MSV
Surrogate (Tol-d8)	121	%R			8/8/12	MSV
Surrogate (4-BFB)	104	%R			8/8/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-5 0-4' **LSL Sample ID:** 1212760-005

Location:

Sampled: 08/06/12 11:16 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	130	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	45	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	<3	ug/kg			8/8/12	MSV
Toluene	91	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	<3	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	77	%R			8/8/12	MSV
Surrogate (Tol-d8)	131	%R			8/8/12	MSV
Surrogate (4-BFB)	125	%R			8/8/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-5 4-8' **LSL Sample ID:** 1212760-006

Location:

Sampled: 08/06/12 11:18 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	24	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	24	ug/kg			8/8/12	MSV
Toluene	<3	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	<3	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	76	%R			8/8/12	MSV
Surrogate (Tol-d8)	120	%R			8/8/12	MSV
Surrogate (4-BFB)	105	%R			8/8/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-6 4-8' **LSL Sample ID:** 1212760-007

Location:

Sampled: 08/06/12 11:48 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	7.2	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	62	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	39	ug/kg			8/8/12	MSV
Toluene	<3	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	4.8	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	7.1	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	79	%R			8/8/12	MSV
Surrogate (Tol-d8)	119	%R			8/8/12	MSV
Surrogate (4-BFB)	103	%R			8/8/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-7 8-12' **LSL Sample ID:** 1212760-008

Location:

Sampled: 08/06/12 12:10 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/8/12	MSV
Benzene	<3	ug/kg			8/8/12	MSV
Bromodichloromethane	<3	ug/kg			8/8/12	MSV
Bromoform	<3	ug/kg			8/8/12	MSV
Bromomethane	<3	ug/kg			8/8/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/8/12	MSV
Carbon disulfide	<3	ug/kg			8/8/12	MSV
Carbon tetrachloride	<3	ug/kg			8/8/12	MSV
Chlorobenzene	<3	ug/kg			8/8/12	MSV
Chloroethane	<5	ug/kg			8/8/12	MSV
Chloroform	<3	ug/kg			8/8/12	MSV
Chloromethane	<5	ug/kg			8/8/12	MSV
Dibromochloromethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethane	18	ug/kg			8/8/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/8/12	MSV
1,1-Dichloroethene	33	ug/kg			8/8/12	MSV
1,2-Dichloroethene, Total	37	ug/kg			8/8/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/8/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/8/12	MSV
Ethyl benzene	<3	ug/kg			8/8/12	MSV
2-Hexanone	<5	ug/kg			8/8/12	MSV
Methylene chloride	<5	ug/kg			8/8/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/8/12	MSV
Styrene	<3	ug/kg			8/8/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/8/12	MSV
Tetrachloroethene	430 E	ug/kg			8/8/12	MSV
E = This result should be considered an estimate because the concentration exceeded the linear range of the instrument.						
Toluene	<3	ug/kg			8/8/12	MSV
1,1,1-Trichloroethane	48	ug/kg			8/8/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/8/12	MSV
Trichloroethene	9.6	ug/kg			8/8/12	MSV
Vinyl chloride	<5	ug/kg			8/8/12	MSV
Xylenes (Total)	<3	ug/kg			8/8/12	MSV
Surrogate (1,2-DCA-d4)	78	%R			8/8/12	MSV
Surrogate (Tol-d8)	122	%R			8/8/12	MSV
Surrogate (4-BFB)	112	%R			8/8/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-8 8-12' **LSL Sample ID:** 1212760-009

Location:

Sampled: 08/06/12 13:21 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	9.4	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	7.7	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	6.7	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	36	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	<3	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	80	%R			8/9/12	MSV
Surrogate (Tol-d8)	132	%R			8/9/12	MSV
Surrogate (4-BFB)	142	%R			8/9/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-9 0-4' **LSL Sample ID:** 1212760-010

Location:

Sampled: 08/06/12 13:53 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	<3	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	<3	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	85	%R			8/9/12	MSV
Surrogate (Tol-d8)	130	%R			8/9/12	MSV
Surrogate (4-BFB)	128	%R			8/9/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-9 8-12' **LSL Sample ID:** 1212760-011

Location:

Sampled: 08/06/12 13:55 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	7.8	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	13	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	8.6	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	170	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	4.3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	9.4	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	83	%R			8/9/12	MSV
Surrogate (Tol-d8)	135	%R			8/9/12	MSV
Surrogate (4-BFB)	143	%R			8/9/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-10 0-4' **LSL Sample ID:** 1212760-012

Location:

Sampled: 08/06/12 14:21 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	<3	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	<3	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	92	%R			8/9/12	MSV
Surrogate (Tol-d8)	132	%R			8/9/12	MSV
Surrogate (4-BFB)	131	%R			8/9/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-11 8-12' **LSL Sample ID:** 1212760-013

Location:

Sampled: 08/06/12 14:50 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	9.1	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	<3	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	84	%R			8/9/12	MSV
Surrogate (Tol-d8)	128	%R			8/9/12	MSV
Surrogate (4-BFB)	121	%R			8/9/12	MSV

- - LABORATORY ANALYSIS REPORT - -

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-12 0-4' **LSL Sample ID:** 1212760-014

Location:

Sampled: 08/06/12 15:10 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	<3	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	<3	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	101	%R			8/9/12	MSV
Surrogate (Tol-d8)	105	%R			8/9/12	MSV
Surrogate (4-BFB)	124	%R			8/9/12	MSV

-- LABORATORY ANALYSIS REPORT --

Operations & Maintenance, Inc. *Pennellville, NY*

Sample ID: DP-12-13 0-4' **LSL Sample ID:** 1212760-015

Location:

Sampled: 08/06/12 15:15 **Sampled By:**

Sample Matrix: SHW as Recd

Analytical Method / Analyte	Result	Units	Prep	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 8260B TCL Volatiles						
Acetone	<40	ug/kg			8/9/12	MSV
Benzene	<3	ug/kg			8/9/12	MSV
Bromodichloromethane	<3	ug/kg			8/9/12	MSV
Bromoform	<3	ug/kg			8/9/12	MSV
Bromomethane	<3	ug/kg			8/9/12	MSV
2-Butanone (MEK)	<40	ug/kg			8/9/12	MSV
Carbon disulfide	<3	ug/kg			8/9/12	MSV
Carbon tetrachloride	<3	ug/kg			8/9/12	MSV
Chlorobenzene	<3	ug/kg			8/9/12	MSV
Chloroethane	<5	ug/kg			8/9/12	MSV
Chloroform	<3	ug/kg			8/9/12	MSV
Chloromethane	<5	ug/kg			8/9/12	MSV
Dibromochloromethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethane	<3	ug/kg			8/9/12	MSV
1,1-Dichloroethene	<3	ug/kg			8/9/12	MSV
1,2-Dichloroethene, Total	<3	ug/kg			8/9/12	MSV
1,2-Dichloropropane	<3	ug/kg			8/9/12	MSV
cis-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
trans-1,3-Dichloropropene	<3	ug/kg			8/9/12	MSV
Ethyl benzene	<3	ug/kg			8/9/12	MSV
2-Hexanone	<5	ug/kg			8/9/12	MSV
Methylene chloride	<5	ug/kg			8/9/12	MSV
4-Methyl-2-pentanone (MIBK)	<5	ug/kg			8/9/12	MSV
Styrene	<3	ug/kg			8/9/12	MSV
1,1,2,2-Tetrachloroethane	<3	ug/kg			8/9/12	MSV
Tetrachloroethene	7.6	ug/kg			8/9/12	MSV
Toluene	<3	ug/kg			8/9/12	MSV
1,1,1-Trichloroethane	<3	ug/kg			8/9/12	MSV
1,1,2-Trichloroethane	<3	ug/kg			8/9/12	MSV
Trichloroethene	<3	ug/kg			8/9/12	MSV
Vinyl chloride	<5	ug/kg			8/9/12	MSV
Xylenes (Total)	<3	ug/kg			8/9/12	MSV
Surrogate (1,2-DCA-d4)	89	%R			8/9/12	MSV
Surrogate (Tol-d8)	131	%R			8/9/12	MSV
Surrogate (4-BFB)	131	%R			8/9/12	MSV

LSL

SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

Method	Surrogate(s)	Water Limits, %R	SHW Limits, %R
EPA 504	TCMX	80-120	NA
EPA 508	DCB	70-130	NA
EPA 515.4	DCAA	70-130	NA
EPA 524.2	1,2-DCA-d4	70-130	NA
EPA 524.2	Tol-d8, 4-BFB	75-125	NA
EPA 525.2	1,3-DM-2-NB, TPP, Per-d12	70-130	NA
EPA 526	1,3-DM-2-NB, TPP	70-130	NA
EPA 528	2-CP-3,4,5,6-d4, 2,4,6-TBP	70-130	NA
EPA 551.1	Decafluorobiphenyl	80-120	NA
EPA 552.2	2,3-DBPA	70-130	NA
EPA 601/602	1,2-DCA-d4	70-130	NA
EPA 601/602	Tol-d8, 4-BFB	75-125	NA
EPA 608	TCMX, DCB	30-150	NA
EPA 624	1,2-DCA-d4	70-130	NA
EPA 624	Tol-d8, 4-BFB	75-125	NA
EPA 625, AE	2-Fluorophenol	21-110	NA
EPA 625, AE	Phenol-d5	10-110	NA
EPA 625, AE	2,4,6-Tribromophenol	10-123	NA
EPA 625, BN	Nitrobenzene-d5	35-114	NA
EPA 625, BN	2-Fluorobiphenyl	43-116	NA
EPA 625, BN	Terphenyl-d14	33-141	NA
EPA 8010/8020/8021	1,2-DCA-d4	70-130	69-127
EPA 8010/8020/8021	Tol-d8	75-125	72-138
EPA 8010/8020/8021	4-BFB	75-125	53-167
EPA 8081	TCMX, DCB	30-150	30-150
EPA 8082	DCB	30-150	30-150
EPA 8151	DCAA	30-130	30-120
EPA 8260	1,2-DCA-d4	70-130	69-127
EPA 8260	Tol-d8	75-125	72-138
EPA 8260	4-BFB	75-125	53-167
EPA 8270, AE	2-Fluorophenol	21-110	25-121
EPA 8270, AE	Phenol-d5	10-110	24-113
EPA 8270, AE	2,4,6-Tribromophenol	10-123	19-122
EPA 8270, BN	Nitrobenzene-d5	35-114	23-120
EPA 8270, BN	2-Fluorobiphenyl	43-116	30-115
EPA 8270, BN	Terphenyl-d14	33-141	18-137
DOH 310-13	Terphenyl-d14	40-110	40-110
DOH 310-14	Terphenyl-d14	40-110	40-110
DOH 310-15	Terphenyl-d14	40-110	40-110
DOH 310-34	4-BFB	50-150	50-150
DOH 313-4	DCB	NA	30-150
8015M_GRO	4-BFB	50-150	50-150
8015M_DRO	Terphenyl-d14	50-150	50-150

Units Key:	ug/l = microgram per liter ug/kg = microgram per kilogram mg/l = milligram per liter mg/kg = milligram per kilogram %R = Percent Recovery

Life Science Laboratories, Inc.

CHAIN OF CUSTODY RECORD

1 of 2

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 445-1105
Fax: (315) 445-1301
Email: lslcentral@lsl-inc.com

LSL North Lab
131 St Lawrence Ave
Waddington, NY 13694
Phone: (315) 388-4476
Fax: (315) 388-4081
Email: lslnfo@lsl-inc.com

LSL Finger Lakes Lab
16 North Main Street
Wayland, NY 14572
Phone: (585) 728-3320
Fax: (585) 728-2711
Email: lslfll@lsl-inc.com

LSL Southern Tier
30 East Main Stree
Cuba, NY 14727
Phone: (585) 968-
Fax: (585) 968-090
Email: lslstl@lsl-inc

1212760
OMI
6084

Turnaround Time

Normal: 14 DAY [X] | Pre-Authorized: Next Day* [ ] 2-Day * [ ] 3-Day * [ ] 7-Day* [ ] | *Additional Charges may apply

Report Address:

Name: Gary Mullen Jr.
Company: Operations & Maintenance, Inc
Street: 18750 Rt 57 Riverview Bus. Park
City/State: Fulton, NY Zip: 13069
Phone: 315-598-5396 Fax:
Email: gmullenomi@gmail.com

Date Needed or Special Instructions:
Copy results to Geologic NY, Inc.
geologicny@geologic.net

Authorization or P.O. #

Client Project ID/Client Site ID

LSL Project Number:

Client's Sample Identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added	Containers #	Containers size/type	Analyses	Preserv Check	LSL ID#
DP-12-1 12-16'	8/6/12	9:52	Grab	Soil	None	1	Jar	Full 8260		001
DP-12-2 4-8'		10:12								002
DP-12-3 0-4'		10:40								003
DP-12-4 4-8'		10:58								004
DP-12-5 0-4'		11:16								005
DP-12-5 4-8'		11:18								006
DP-12-6 4-8'		11:48								007
DP-12-7 8-12'		12:10								008
DP-12-8 8-12'		1:21								009
DP-12-9 0-4'		1:53								010

LSL use only:

Containers this C-O-C

Custody Transfers

		Date	Time
Sampled By:	Received By:		
Relinquished By:	Received By: Bill Donaldson	8-7-12	9:05
Relinquished By: Bill Donaldson	Rec'd for Lab By: R. Dunbar	8-7-12	16:38
Shipment Method:	Received Intact: Y N	Sample Temp	18.6

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

Life Science Laboratories, Inc.

CHAIN OF CUSTODY RECORD

2 of 2

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 445-1105
Fax: (315) 445-1301
Email: lslcentral@lsl-inc.com

LSL North Lab
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Waddington, NY 13694
Phone: (315) 388-4476
Fax: (315) 388-4081
Email: lslnfo@lsl-inc.com

LSL Finger Lakes Lab
16 North Main Street
Wayland, NY 14572
Phone: (585) 728-3320
Fax: (585) 728-2711
Email: lslfll@lsl-inc.com

LSL Southern Tier Lab
30 East Main Street
Cuba, NY 14727
Phone: (585) 968-2640
Fax: (585) 968-0906
Email: lslstl@lsl-inc.com

1212760
OMI
6084

Report Address:
Name: See Page 1
Company:
Street:
City/State: Zip:
Phone: Fax:
Email:

Client Project ID/Client Site ID

Turnaround Time
Normal: 14 DAY [X]
Pre-Authorized: Next Day* [ ] 3-Day * [ ] 2-Day * [ ] 7-Day* [ ]
*Additional Charges may apply

Date Needed or Special Instructions: See Page 1

Authorization or P.O. #

LSL Project Number:

Client's Sample Identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added	Containers #	Containers size/type	Analyses	Preserv Check	LSL ID#
DP-12-9 8-12'	8/6/12	1:55	Grab	Soil	None	1	Jar	Full 8260		011
DP-12-10 0-4'		2:21								012
DP-12-11 8-12'		2:50								013
DP-12-12 0-4'		3:10								014
DP-12-13 0-4'		3:15								015

LSL use only:

Containers this C-O-C

Custody Transfers

		Date	Time
Sampled By: [signature]	Received By:		
Relinquished By:	Received By: Bill Donaldson		
Relinquished By: Bill Donaldson	Rec'd for Lab By: R. Dunbar	8-7-12	9:05
Shipment Method:	Received Intact: Y N	8 7 12	16:38
		Sample Temp	18.6°C

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

E-Mail Exchange
between John Ciampa of Spectra
and Gary Mullen of Operations and Maintenance, Inc.
with attached copy of map

From: John D. Ciampa [mailto:jciampa@spectraenv.com]
Sent: Wednesday, May 09, 2012 1:14 PM
To: Gary Mullen, Jr.
Cc: Templeton, Audrey; Rogers, Steve; John Grathwol; Bill Buchan; Merritt, Dean; bkogut@bsk.com; Robert C. LaFleur; Gary T. Kelder; PSharlow@Gilbertilaw.com
Subject: RE: Riccelli Fulton facility

Gary – I am providing this additional information to clarify our discussion last week regarding the elevated VOCs that were detected during the excavation of salt related compounds at the Riccelli Fulton site.

Elevated VOCs were only encountered in one well defined area, as shown on the attached map. The elevated VOCs were present in the approximate 1 – 5 ft. depth interval. We only excavated to a depth of 5 ft. in this area, based on the salt constituent concentrations. According to field personnel, odors and PID readings as high as 20-60 ppm were detected in soil during the excavation activities in the VOC impacted area. The lateral limits of the excavation did result in negligible or non-detect PID readings in the field. An exception to this was on the south sidewall that bordered the existing asphalt parking lot. Due to the existence of asphalt and the purpose of Riccelli's remedial efforts, excavation did not extend into the asphalt parking lot. There were no other areas encountered during Riccelli's excavation activities that detected either PID readings above 1-2ppm or odors. Some PID readings of 1-2 ppm were detected by field personnel during soil removal from the Retention Basin 1 area. There were also some sporadic PID readings of 1-2ppm elsewhere but nothing was well defined or contained any odors.

With respect to the VOC soil sampling, that was conducted after the soil had been excavated, segregated, stockpiled and covered on the asphalt pad. All samples from the stockpile were collected after digging 1-2 ft. into the pile. During the stockpile sampling, odors were noted. The first 3 samples (S1, S2, S3) collected on 1/31/12 were random grab samples that were analyzed for total VOCs. The second sample (SS-1), collected on March 2, 2012 was selected based upon field screening of the stockpile with a PID at 5 locations. The location with the highest PID reading (based on holding the PID meter in the sampling hole, 3.6 ppm) was submitted for TCLP analysis. Attached are the lab results for the total VOCs and the TCLP testing. The VOC soil pile was taken to Seneca Meadows landfill on April 6, 2012.

Currently, Riccelli is working with DEC on a Consent Order that will include additional soil sampling beneath the asphalt pad, within the natural pond, and just south of the pond. The soil sampling will also include screening for VOCs and possible lab testing for VOCs. The current proposal includes sampling to the top of the water table in the soil

borings and about 4 ft. in the pond. That Consent Order is not yet final but draft maps for the sampling locations are attached to this email. A firm schedule for sampling is not yet established but it may begin during the week of May 21 or May 28 depending upon finalization of the Consent Order.

Regarding the fill material, it was brought to the site only after the excavation and stockpiling of the soil in which elevated VOCs were detected. The fill is clean “virgin” soil from a green-field quarry site. It was not sampled but there was no reason to suspect contamination. A total of about 5 ft. of new soil covers the area where the VOC impacted soil was removed.

Let me know if you have any other questions.

Regards,
John Ciampa

From: Gary Mullen, Jr. [mailto:gmullenomi@gmail.com]
Sent: Tuesday, May 01, 2012 10:55 AM
To: John D. Ciampa
Cc: 'Templeton, Audrey'; 'Rogers, Steve'; 'John Grathwol'; 'Bill Buchan'; 'Merritt, Dean'; bkogut@bsk.com
Subject: Riccelli Fulton facility

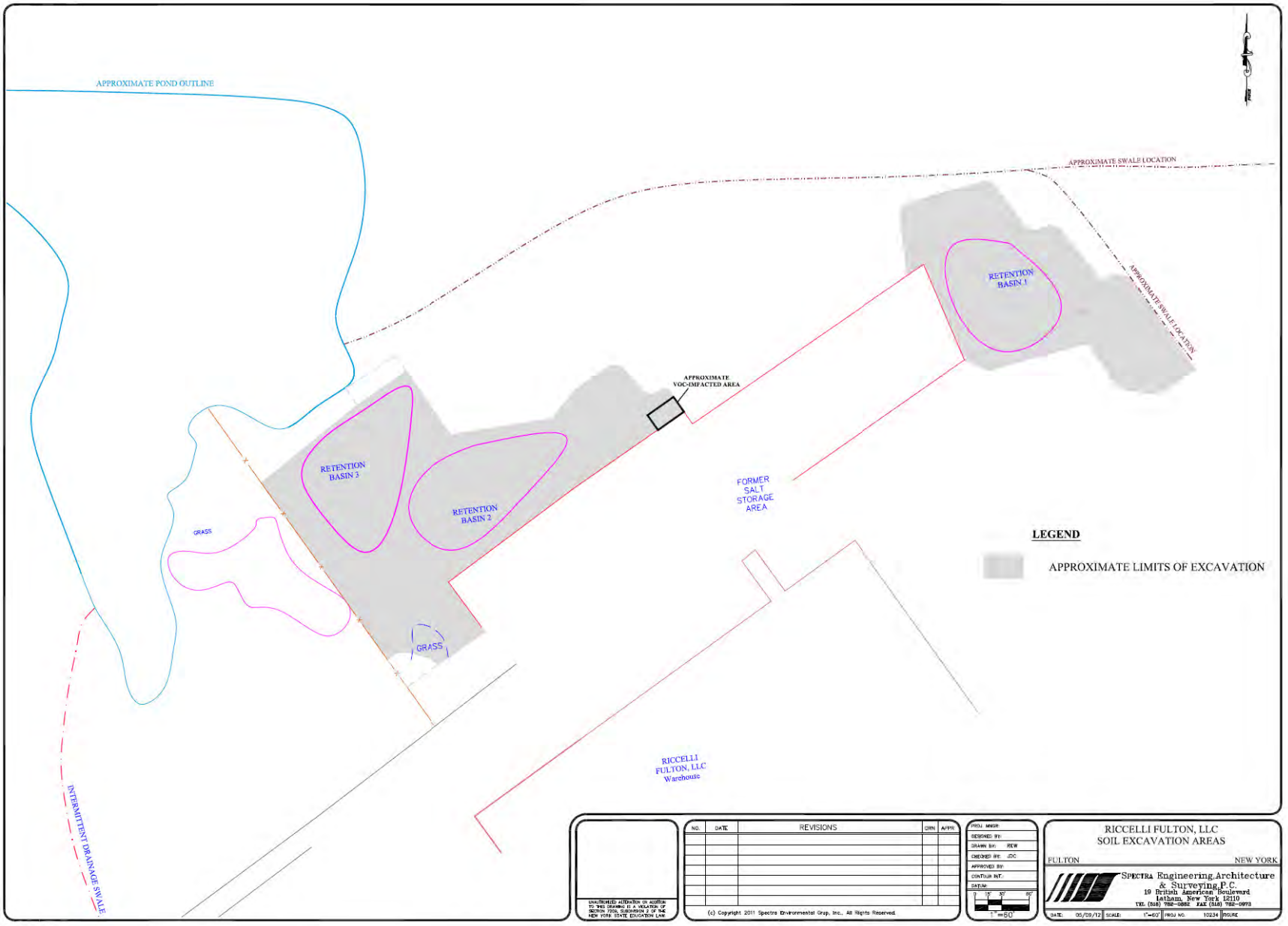
John:
Thank you for taking the time to return my call. We have been requested to investigate the area that Spectra uncovered the VOC impacted soil at the referenced site. The following summarizes the information that would be helpful in assisting in our investigation.

1. Field notes
    a. Where were the samples (S1, S2 and S3) were collected (location, depth and field screening performed…)
    b. When the VOC soil was detected and what the action levels were to indicated this soil needed to be segregated?
    c. Any other areas that may have exhibited VOC contamination but below the action level.
    d. A more defined drawing of the area that the VOC’s were detected.
    e. Analytical results from the additional testing that the DEC requested for waste characterization (TCLP)
2. Schedule of test borings to be performed in the parking lot area?
    a. When do they anticipate the borings will be performed.
    b. Drawing of proposed locations
    c. Anticipated depth of test pits

3. Backfill material
    a. Analytical performed on the material that was placed back into the excavated areas
    b. Thickness of the fill in the area where the VOC soil originated

Thanks you,
Gary

Gary Mullen, Jr
Project Manager
Operations & Maintenance Inc.
1850 Route 57
Fulton, NY 13069
Mobile 315-378-5088
Office 315-598-5396
gmullenomi@gmail.com



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	REVISIONS	DRN	APPR

PROJ. MNGR:
DESIGNED BY:
DRAWN BY: REW
CHECKED BY: JDC
APPROVED BY:
CONTOUR INT.:
DATUM:
0 15' 30' 60'
1" = 60'

RICCELLI FULTON, LLC
SOIL EXCAVATION AREAS

FULTON NEW YORK

SPECTRA Engineering, Architecture & Surveying, P.C.
19 British American Boulevard
Latham, New York 12110
TEL (518) 782-0882 FAX (518) 782-0943

DATE: 05/09/12 | SCALE: 1"=60' | PROJ NO. 10234 | FIGURE

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 239-4413 * Buffalo (716) 972-0371
Rochester (866) 437-0255 * New Jersey (908) 581-4285

Mr. Frank Peduto
Spectra Environmental
19 British American Blvd.
Latham, NY 12110

Friday, February 03, 2012

RE: Analytical Report: 10234

Order No.: U1201661

Dear Mr. Frank Peduto:

Upstate Laboratories, Inc. received 3 sample(s) on 1/31/2012 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.
Anthony J. Scala
President/CEO

Upstate Laboratories, Inc.

Analytical Report

Date: *03-Feb-12*

CLIENT:	Spectra Environmental	**Client Sample ID:**	S1
Lab Order:	U1201661	**Collection Date:**	1/31/2012 10:00:00 AM
Project:	10234		
Lab ID:	U1201661-001	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METHOD 8260B 2005 LIST VOLATILES IN SOIL			**8260_05_S**			Analyst: **JKS**
1,2,3-Trichlorobenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,2,4-Trichlorobenzene	ND	590	Q	µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,2,4-Trimethylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,2-Dibromo-3-chloropropane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,2-Dibromoethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,2-Dichlorobenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,3,5-Trimethylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,3-Dichlorobenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,4-Dichlorobenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,4-Dioxane	ND	12000		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Bromochloromethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Cyclohexane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Dichlorodifluoromethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Freon-113	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Isopropylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Methyl Acetate	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Methyl tert-butyl ether	ND	590	Q	µg/Kg-dry	100	2/1/2012 7:12:00 PM
Methylcyclohexane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
n-Butylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
n-Propylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
sec-Butylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
tert-Butylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Trichlorofluoromethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Chloromethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Vinyl chloride	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Bromomethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Chloroethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Acetone	ND	1200		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,1-Dichloroethene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Carbon disulfide	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Methylene chloride	600	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
trans-1,2-Dichloroethene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,1-Dichloroethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
2-Butanone	ND	1200		µg/Kg-dry	100	2/1/2012 7:12:00 PM
cis-1,2-Dichloroethene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Chloroform	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,1,1-Trichloroethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Carbon tetrachloride	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Benzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM

Approved By: KMA **Date:** 2/3/12

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *03-Feb-12*

CLIENT:	Spectra Environmental	**Client Sample ID:**	S1
Lab Order:	U1201661	**Collection Date:**	1/31/2012 10:00:00 AM
Project:	10234		
Lab ID:	U1201661-001	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METHOD 8260B 2005 LIST VOLATILES IN SOIL			**8260_05_S**			Analyst: **JKS**
1,2-Dichloroethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Trichloroethene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,2-Dichloropropane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Bromodichloromethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
4-Methyl-2-pentanone	ND	1200		µg/Kg-dry	100	2/1/2012 7:12:00 PM
cis-1,3-Dichloropropene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Toluene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
trans-1,3-Dichloropropene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,1,2-Trichloroethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
2-Hexanone	ND	1200		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Tetrachloroethene	1300	590	Q	µg/Kg-dry	100	2/1/2012 7:12:00 PM
Dibromochloromethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Chlorobenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Ethylbenzene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
m,p-Xylene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
o-Xylene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Styrene	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM
Bromoform	ND	590	Q	µg/Kg-dry	100	2/1/2012 7:12:00 PM
1,1,2,2-Tetrachloroethane	ND	590		µg/Kg-dry	100	2/1/2012 7:12:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.

PERCENT MOISTURE BY ASTM D2216			**PMOIST**			Analyst: **KLS**
Percent Moisture	14.8	0.0100		wt%	1	2/3/2012

Approved By: KMA **Date:** 2/3/12

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *03-Feb-12*

CLIENT:	Spectra Environmental	**Client Sample ID:**	S2
Lab Order:	U1201661	**Collection Date:**	1/31/2012 10:15:00 AM
Project:	10234		
Lab ID:	U1201661-002	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METHOD 8260B 2005 LIST VOLATILES IN SOIL			**8260_05_S**			Analyst: **JKS**
1,2,3-Trichlorobenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,2,4-Trichlorobenzene	ND	580	Q	µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,2,4-Trimethylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,2-Dibromo-3-chloropropane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,2-Dibromoethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,2-Dichlorobenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,3,5-Trimethylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,3-Dichlorobenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,4-Dichlorobenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,4-Dioxane	ND	12000		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Bromochloromethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Cyclohexane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Dichlorodifluoromethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Freon-113	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Isopropylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Methyl Acetate	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Methyl tert-butyl ether	ND	580	Q	µg/Kg-dry	100	2/1/2012 7:53:00 PM
Methylcyclohexane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
n-Butylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
n-Propylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
sec-Butylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
tert-Butylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Trichlorofluoromethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Chloromethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Vinyl chloride	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Bromomethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Chloroethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Acetone	ND	1200		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,1-Dichloroethene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Carbon disulfide	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Methylene chloride	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
trans-1,2-Dichloroethene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,1-Dichloroethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
2-Butanone	ND	1200		µg/Kg-dry	100	2/1/2012 7:53:00 PM
cis-1,2-Dichloroethene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Chloroform	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,1,1-Trichloroethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Carbon tetrachloride	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Benzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM

Approved By: KMA **Date:** 2/3/12

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *03-Feb-12*

CLIENT:	Spectra Environmental	**Client Sample ID:**	S2
Lab Order:	U1201661	**Collection Date:**	1/31/2012 10:15:00 AM
Project:	10234		
Lab ID:	U1201661-002	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METHOD 8260B 2005 LIST VOLATILES IN SOIL			**8260_05_S**			Analyst: **JKS**
1,2-Dichloroethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Trichloroethene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,2-Dichloropropane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Bromodichloromethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
4-Methyl-2-pentanone	ND	1200		µg/Kg-dry	100	2/1/2012 7:53:00 PM
cis-1,3-Dichloropropene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Toluene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
trans-1,3-Dichloropropene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,1,2-Trichloroethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
2-Hexanone	ND	1200		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Tetrachloroethene	1400	580	Q	µg/Kg-dry	100	2/1/2012 7:53:00 PM
Dibromochloromethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Chlorobenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Ethylbenzene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
m,p-Xylene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
o-Xylene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Styrene	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM
Bromoform	ND	580	Q	µg/Kg-dry	100	2/1/2012 7:53:00 PM
1,1,2,2-Tetrachloroethane	ND	580		µg/Kg-dry	100	2/1/2012 7:53:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.

PERCENT MOISTURE BY ASTM D2216			**PMOIST**			Analyst: **KLS**
Percent Moisture	13.8	0.0100		wt%	1	2/3/2012

Approved By: KMA **Date:** 2/3/12

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *03-Feb-12*

CLIENT:	Spectra Environmental	**Client Sample ID:**	S3
Lab Order:	U1201661	**Collection Date:**	1/31/2012 10:26:00 AM
Project:	10234		
Lab ID:	U1201661-003	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METHOD 8260B 2005 LIST VOLATILES IN SOIL			**8260_05_S**			Analyst: **JKS**
1,2,3-Trichlorobenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,2,4-Trichlorobenzene	ND	2900	Q	µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,2,4-Trimethylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,2-Dibromo-3-chloropropane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,2-Dibromoethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,2-Dichlorobenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,3,5-Trimethylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,3-Dichlorobenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,4-Dichlorobenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,4-Dioxane	ND	57000		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Bromochloromethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Cyclohexane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Dichlorodifluoromethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Freon-113	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Isopropylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Methyl Acetate	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Methyl tert-butyl ether	ND	2900	Q	µg/Kg-dry	500	2/1/2012 8:33:00 PM
Methylcyclohexane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
n-Butylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
n-Propylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
sec-Butylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
tert-Butylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Trichlorofluoromethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Chloromethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Vinyl chloride	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Bromomethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Chloroethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Acetone	11000	5700		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,1-Dichloroethene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Carbon disulfide	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Methylene chloride	4300	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
trans-1,2-Dichloroethene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,1-Dichloroethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
2-Butanone	ND	5700		µg/Kg-dry	500	2/1/2012 8:33:00 PM
cis-1,2-Dichloroethene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Chloroform	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,1,1-Trichloroethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Carbon tetrachloride	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Benzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM

Approved By: KMA **Date:** 2/3/12

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *03-Feb-12*

CLIENT:	Spectra Environmental	**Client Sample ID:**	S3
Lab Order:	U1201661	**Collection Date:**	1/31/2012 10:26:00 AM
Project:	10234		
Lab ID:	U1201661-003	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
METHOD 8260B 2005 LIST VOLATILES IN SOIL			**8260_05_S**			Analyst: **JKS**
1,2-Dichloroethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Trichloroethene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,2-Dichloropropane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Bromodichloromethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
4-Methyl-2-pentanone	ND	5700		µg/Kg-dry	500	2/1/2012 8:33:00 PM
cis-1,3-Dichloropropene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Toluene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
trans-1,3-Dichloropropene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,1,2-Trichloroethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
2-Hexanone	ND	5700		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Tetrachloroethene	33000	2900	Q	µg/Kg-dry	500	2/1/2012 8:33:00 PM
Dibromochloromethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Chlorobenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Ethylbenzene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
m,p-Xylene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
o-Xylene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Styrene	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM
Bromoform	ND	2900	Q	µg/Kg-dry	500	2/1/2012 8:33:00 PM
1,1,2,2-Tetrachloroethane	ND	2900		µg/Kg-dry	500	2/1/2012 8:33:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.

PERCENT MOISTURE BY ASTM D2216			**PMOIST**			Analyst: **KLS**
Percent Moisture	12.5	0.0100		wt%	1	2/3/2012

Approved By: KMA **Date:** 2/3/12

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

Client: Spectra Engineering

Client Project # / Project Name: 10234

Client Contact: John Ciampa

Phone #: 782-0882

Site Location (city/state): Fulton

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only: ul201dec1	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
S1	1-31-12	10:06	Soil	Grab	1	1	X	(X)	DM 1-31-12								
S2	1-31-12	10:15	↓	↓	2	1	X	↓									
S3	1-31-12	10:26	↓	↓	3	1	X	↓									

Special Turnaround Time_____ (Lab Notification required)

parameter and method	sample bottle: type	size	pres.
1) VOCS SW846 Method 8260 EPA			
2) (moist) KMT 1-31-12			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) David A. Trujillo

Company: Spectra Engineering

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☐ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)
[signature]	1-31-12	1113	[signature]