October 9, 2012

Ms. Gretchen Fitzgerald
Construction Group
NYSDOT Region 8
4 Burnett Boulevard
Poughkeepsie, NY 12603

RE: PIN 8806.51.101, Harrison Landfill Area
Harrison Sub-Residency, Westchester County, New York
Fifth-Quarter Sampling Results, July 2012

Dear Ms. Fitzgerald,

This letter report summarizes the field investigative procedures and results of the fifth-quarter monitoring performed by Cashin Associates, P.C. (CA) at the Harrison Landfill site (Figure 1) on July 25, 2012 on behalf of the New York State Department of Transportation (NYSDOT).

The operation and maintenance efforts conducted at the Harrison Landfill were performed in order to meet the requirements of the New York State Department of Conservation (NYSDEC) for post-closure monitoring. The sampling was performed in accordance with CA's Scope of Work and Cost Estimate dated June 2012 and approved by NYSDOT on June 28, 2012. The scope was developed in accordance with the NYSDOT's *Operation and Maintenance Plan for the Harrison Sub-Residency, Landfill and Petroleum Spill Area, February 2010.*

Monitoring efforts at the Harrison Landfill included the collection of groundwater samples from the five existing monitoring wells (PC-1 through PC-3, LMW-2 and LMW-4), surface water and sediment samples from the on-site stream sample locations (SW/SD-1 through SW/SD-4), gas monitoring at the four existing gas vents (V-1 through V-4) and along the property line perimeter, and a visual inspection of vector and vermin. A site map and sample locations are shown on Figures 2 through 5. The sampling methodology performed by CA was consistent with the methodology used in prior sampling events at the site, as discussed below.

Groundwater Sampling
Groundwater samples were collected from the following five (5) monitoring wells (locations shown on Figure 3) listed below with regard to their relationship to the landfill:

On-Site/Site Background	On-Site/Downgradient	Off-Site/Downgradient
LWM-2	LMW-4	PC-3
	PC-1	
	PC-2	

Prior to sampling, a round of static water level measurements and total depth measurements from the groundwater monitoring wells were recorded.

All of the monitoring well casings and well heads were inspected for any signs of damage or tampering. Prior to sampling, groundwater was purged until the hydraulic equilibrium between casing water and aquifer was achieved in order to obtain a representative sample of the aquifer. This was accomplished by calculating the relative contribution from stagnant casing water to the total discharged from the well. The well was purged of three well volumes or until dryness using a Whale pump equipped with a Rheostat (for adjustable flow) and dedicated tubing. A peristaltic pump was used to purge and sample monitoring well PC-2 due to the historic bent well casing. Groundwater samples were collected when the well recovered to approximately 75% of its initial volume or within two hours (whichever came first) using a dedicated disposable polyethylene bailer. Well purge water was discharged immediately downgradient of the well. Field parameters of temperature, turbidity, dissolved oxygen (DO), pH, specific conductivity, and oxidation-reduction potential (Eh) were recorded for each well during purging and at the time of sample collection using a Horiba U-22 water quality monitor equipped with an in-line flow-through cell.

Groundwater samples were transferred to clean, pre-preserved, laboratory-supplied containers for analysis of target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), and target analyte list (TAL) metals (filtered only), including cyanide and chloride. Metal samples were filtered and preserved by the laboratory.

Surface Water/Sediment Sampling

Surface water (SW) and sediment (SD) samples (locations shown on Figure 4) were collected from the following four locations listed below with regard to their relationship to the landfill:

On-Site/Site Background	On-Site/Downgradient	Off-Site/Downgradient
SW/SD-1	SW/SD-2	SW/SD-4
	SW/SD-3	

Prior to sample collection, CA recorded the approximate stream flow and stream depth at each station. Surface water samples from each respective location were collected first, in order to minimize turbidity, using a clean stainless steel ladle. Field parameters of temperature, turbidity, DO, pH and specific conductivity were collected during sampling at each location. Sediment sample were collected following the collection of the surface water samples, from within the same general area using a clean stainless steel trowel.

Surface water sample location SW-3 was dry during sampling; therefore sample SW-3 was not collected. Sample SD-3 was not collected due to field error.

Surface water and sediment samples were transferred to clean, pre-preserved laboratory-supplied containers for laboratory analysis of TCL VOCs, TCL SVOCs, and TAL metals (unfiltered only), including cyanide and chloride. Metal samples for surface water were filtered and preserved by the laboratory if the samples had been disturbed and resulted in high turbidity.

For quality assurance/quality control (QA/QC) purposes, a field blank was collected during the time of the surface water and sediment sampling. The field blank was conducted by pouring distilled water into the ladle used for sample collection and then from the ladle to the sample bottles. The field blank was analyzed for the same set of parameters for the surface water samples.

All samples were preserved on ice and analyzed by a New York State certified laboratory (Hampton-Clarke Veritech, Farifield, New Jersey) according to NYSDEC Analytical Services Protocol (ASP).

Gas Monitoring
CA conducted gas monitoring at each of the four (4) gas vents (V-1 through V-4) (locations shown on Figure 5) and along the perimeter of the property line. Prior to the collection of measurements at each location, ambient readings were recorded. Each location was monitored for methane and other explosive gases through the use of a combustible gas indicator (CGI). Gas vent readings were obtained by inserting the instrument detector probe into each vent. The CGI was set to alarm if readings exceeded 10% of the lower explosive limit (LEL) of methane. In addition, alarms were set at 10% of the LEL of hydrogen sulfide, 25 parts per million (ppm) of carbon monoxide and 19.5% and 23.5% of oxygen. A photoionization detector (PID) and a flame ionization detector (FID) (with and without a methane filter) were used to monitor for VOCs at each of the four gas vents and around the perimeter of the landfill. Field instruments used were calibrated on-site prior to sampling.

Field Survey
The monitoring of the Harrison Landfill site included a visual inspection of site for the presence of vector/vermin. Other than mosquitoes and ticks within the drainage swale areas and tall grass areas across the site, CA did not observe any vector/vermin at the site during sampling.

Analytical Results
Groundwater Samples
Results of the groundwater samples were compared to the NYSDEC Class GA Standards or Guidance Values (NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1, June 1998) and are summarized in Table 1.

No floating product or sheen was detected in any of the wells during purging, consistent with the prior sampling round in April 2011.

Water quality parameters of temperature, pH, specific conductivity and turbidity are included in Table 1. The complete list of the groundwater laboratory results is attached as Appendix A. Groundwater sampling logs are attached as Appendix B.

Surface Water

The analytical results of the surface water samples were compared to both NYSDEC Ambient Water Quality Class GA Groundwater Standards/Guidance Values and NYSDEC Class A Surface Water Standards/Guidance Values, where available. Both standards were used since the drainage swales on the site from which the surface waters were sampled serve as tributaries to the Kensico Reservoir, which is a source of drinking water. Where appropriate, the most conservative Standard or Guidance Value was used for comparison purposes.

Non-RCRA metal concentrations increased in all surface water samples compared to the previous sampling round (April 2011), including the on-site background surface water sample location.

The analytical results of the surface water samples are presented in Table 2. Water quality parameters of dissolved oxygen, turbidity, temperature, pH, specific conductivity and stream flow taken during sampling are included in Table 2.

Sediment Samples

Sediment sample results were compared to the NYSDEC Technical Guidance for Screening Contaminated Sediments Lowest Effect Level (LEL) and Severe Effect Level (SEL). Analytical results of the sediment samples reported exceedances for RCRA metals chromium and lead, and non-RCRA metals copper, iron, manganese, nickel and zinc.

Metal concentrations for sediment samples are presented in Table 3. Total VOC and total SVOC concentrations for the sediment samples are presented in Table 4.

Gas Monitoring

Methane gases were detected in all four gas vents (V-1 through V-4). Hydrogen sulfide was detected in all four gas vents, ranging from 1.7 ppm to 1.9 ppm. PID readings were non-detect in all four gas vents. PID and FID readings around the perimeter of the landfill were zero. Results of the gas monitoring is presented in Table 5.

QA/QC Results

The QA/QC results of the duplicate sample (LF-1) to the original sample (PC-1) were reported with concentrations within eight percent of each other, indicating an acceptable degree of precision and accuracy of the analytical results reported by the laboratory. Analytical results of the trip blanks and field blank were all non-detect. The results of the

QA/QC samples confirm the adequacy of decontamination, handling and transportation procedures to meet quality requirements for the monitoring program.

Conclusions and Recommendations

Historic monitoring at the site detected mercury in groundwater, sediment and surface water samples at concentrations exceeding the NYSDEC Standard. During the July 2012 sampling event, mercury was not detected in any of the groundwater, sediment or surface water samples.

Groundwater results indicate that high concentrations of sodium exist throughout the site, including the on-site background well. Manganese exceedances were present only in downgradient wells. Iron concentrations were detected in downgradient wells only, with the exception of PC-1.

Surface water samples detected large increases in aluminum, iron, and manganese at downgradient locations as well as the on-site background location. Corresponding increases in the background surface and off-site downgradient water samples indicate that the landfill is not a significant contributing factor to such metal concentrations in surface water in the surrounding area. Sodium concentrations below the NYSDEC Standard were detected in both the downgradient locations and the background location. In contrast to the previous sampling round in 2011, iron was detected above the NYSDEC Standard at the off-site downgradient location. Iron exceedances were also present in the on-site background sample and therefore, do not appear to be migrating from the landfill in surface water.

Sediment samples with exceedances for chromium, copper, manganese and nickel were reported in both the on-site background sample location and downgradient locations. Iron lead and zinc exceedances were only detected at downgradient locations and not the background location (SD-1). Off-site downgradient location SD-4 contained the most amount of metal exceedances. Trace amounts of SVOCs and VOCs were detected in background sediments and off-site downgradient sediments and not in on-site downgradient sediments.

The greatest concentrations of metals were detected in the northwestern portion of the landfill. Results indicate that manganese and iron could be migrating off-site from the landfill, as the highest concentrations were detected in the on-site downgradient well LMW-4, with lower concentrations detected in off-site downgradient well PC-3. Cobalt, lead, nickel and sodium concentrations may also be migrating off-site from the landfill via surface water. Based upon the results of the on-site background groundwater, surface water and sediment samples, the site appears to be receiving certain metal concentrations (calcium, magnesium, potassium) from an upgradient source. Compared to the previous sampling round in April 2011, overall metal concentrations have increased across the site, including the on-site background locations.

The post-closure monitoring of the Harrison Landfill Site will be continued on a fifth-quarter basis unless otherwise decided by NYSDEC. The next monitoring round is anticipated to take place in October 2013.

If you have any questions, or require any additional information, please feel free to contact me.

Sincerely,

CASHIN ASSOCIATES, P.C.

Gregory T. Greene
Director of Environmental Programs

cc: Anjan Sen, NYSDOT Consultant Management Bureau
Carl Kochersberger, NYSDOT Environmental Science Bureau

Table 1. Analytical Results of Groundwater Samples

		Well ID:	LMW-2	PC-1	PC-2	LMW-4	PC-3	LF-1	Trip Blank
		Depth to Water:	12.18	7.77	4.3	5.0	10.5		
		Location:	background	downgradient	downgradient	downgradient	off-site downgradient	PC-1 Duplicate	
		Depth of Well:	21	17	11.2	15.5	18		
Analyte	**Units**	**NYSDEC CLASS GA STD/GV**							
Volatiles									
Total VOCs	ug/L	5	ND	ND	ND	ND	ND	ND	ND
SemiVolatiles									
Total SVOCs	ug/L	50	ND	ND	ND	ND	ND	ND	ND
Metals									
Mercury	ug/L	0.7	ND	ND	ND	ND	ND	ND	ND
Aluminum	ug/L	NS	ND	ND	ND	ND	ND	ND	ND
Antimony	ug/L	3	ND	ND	ND	ND	ND	ND	ND
Arsenic	ug/L	25	ND	ND	ND	ND	ND	ND	ND
Barium	ug/L	1000	120	120	130	160	120	110	ND
Beryllium	ug/L	3	ND	ND	ND	ND	ND	ND	ND
Cadmium	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Calcium	ug/L	NS	74,000	60,000	77,000	60,000	56,000	58,000	ND
Chromium	ug/L	50	ND	ND	ND	ND	ND	ND	ND
Cobalt	ug/L	NA	ND	ND	ND	ND	ND	ND	ND
Copper	ug/L	200	ND	ND	ND	ND	ND	ND	ND
Iron	ug/L	300	ND	ND	**25,000**	**72,000**	**1700**	ND	ND
Lead	ug/L	25	ND	ND	ND	ND	ND	ND	ND
Magnesium	ug/L	35,000	29,000	8,800	22,000	25,000	16,000	8,400	ND
Manganese	ug/L	300	210	**710**	**8,800**	**14,000**	**560**	**670**	ND
Nickel	ug/L	100	ND	ND	ND	ND	ND	ND	ND
Potassium	ug/L	NS	3,700	3,800	4,800	3,800	4,900	3,700	ND
Selenium	ug/L	10	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	50	ND	ND	ND	ND	ND	ND	ND
Sodium	ug/L	20,000	**27,000**	**87,000**	**43,000**	**31,000**	**64,000**	**85,000**	ND
Thallium	ug/L	0.5	ND	ND	ND	ND	ND	ND	ND
Vanadium	ug/L	NS	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	2000	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	250	13	130	23	15	140	130	ND
Cyanide	mg/L	200	ND	ND	ND	ND	ND	ND	ND
Water Quality Parameters									
pH			6.78	7.08	6.56	6.58	6.71	NA	NA
Temperature	Celsius		12.9	18.12	15.02	13.59	14.25	NA	NA
Conductivity	ms/cm		0.68	0.777	0.887	0.951	0.83	NA	NA
Dissolved Oxygen	mg/L		8.23	5.13	6.04	3.34	3.01	NA	NA
Turbidity	NTUs		21.7	33.3	42	20.7	0	NA	NA
ORP			120	38	-73	-71	34	NA	NA

Notes: BOLD - indicates a concentration exceeding NYSDEC Standard or Guidance Value
ND - not detected at analytical detection limit
NS - no standard NA – not applicable

Table 2. Analytical Results of Surface Water Samples

			Sample ID:	SW-1	SW-2	SW-4	Field Blank
			Depth:	0-4"	0-4"	0-4"	
Analyte	**Units**	**NYSDEC Class GA Std.**	**NYSDEC Class A Std.**				
Volatiles							
Total VOCs	ug/L	NA	NA	ND	ND	ND	ND
SemiVolatiles							
Total SVOCs	ug/L	NA	NA	ND	ND	ND	ND
Metals							
Mercury	ug/L	0.7	0.7[1], 7e-4[5], 0.77[2], 1.4[3], 0.0026[6]	ND	ND	ND	ND
Aluminum	ug/L	NS	100[2]	**910**	**24000**	**21000**	ND
Antimony	ug/L	3	3[1]	ND	ND	ND	ND
Arsenic	ug/L	25	50[1], 150[2], 340[3]	ND	ND	ND	ND
Barium	ug/L	1,000	1,000[1]	120	**4500**	**1100**	ND
Beryllium	ug/L	3	3[1]	ND	ND	ND	ND
Cadmium	ug/L	5	5[1]	ND	**5.3**	3.9	ND
Calcium	ug/L	NS	NS	45,000	120,000	85,000	ND
Chromium	ug/L	50	50[1]	ND	ND	46	ND
Cobalt	ug/L	NS	5[2]	ND	**41**	**30**	ND
Copper	ug/L	200	200[1]	ND	160	81	ND
Iron	ug/L	300	300[2,4]	**7100**	**140000**	**85000**	ND
Lead	ug/L	25	50[1]	ND	**130**	**160**	ND
Magnesium	ug/L	35,000	35,000[1]	14,000	33,000	31,000	ND
Manganese	ug/L	300	300[4]	**5000**	**120000**	**39000**	ND
Nickel	ug/L	100	100[1]	ND	75	51	ND
Potassium	ug/L	NS	NS	3,200	7,200	7,200	ND
Selenium	ug/L	10	10[1], 4.6[2]	ND	ND	ND	ND
Silver	ug/L	50	50[1]	ND	ND	ND	ND
Sodium	ug/L	20,000	NS	9,400	13,000	12,000	ND
Thallium	ug/L	0.5	0.5[1], 8[2]	ND	ND	ND	ND
Vanadium	ug/L	NS	14[2]	ND	66	63	ND
Zinc	ug/L	2000	2,000[1], 5,000[4]	ND	1200	450	ND
Chloride	mg/L	250	250,000[1]	6	7	7	ND
Cyanide	mg/L	200	200[1], 9000[5], 5.2[2], 22[3]	ND	0.03	ND	ND
Water Quality Parameters							
pH				7.41	8.5	4.63	NA
Temperature	Celsius			18.07	19.39	22.53	NA
Conductivity	ms/cm			0.374	0.365	0.367	NA
Dissolved Oxygen	mg/L			14.21	7.67	5.77	NA
Turbidity	NTUs			41.1	201	207	NA
Flow	CFS			0	0	0	NA

Notes: **BOLD** - indicates a concentration exceeding NYSDEC Standard or Guidance Value
NS - no standard
ND - not detected at analytical detection limit
[1] Class A Standards for Surface Water as a source of Drinking Water
[2,3,4,5,6] Other Class A Standards: Fish Propagation[2], Fish Survival[3], Aesthetic[4], Human Consumption of Fish[5], Wildlife Protection[6]

Table 3. Analytical Results of Sediment Samples for Metals

			Sample ID:	SD-1	SD-2	SD-4
		Sediment Criteria				
Analyte	**Units**	**LEL**	**SEL**			
Metals						
Mercury	mg/Kg	0.15	1.3	ND	ND	ND
Aluminum	mg/Kg	NS	NS	6,900	11,000	11,000
Antimony	mg/Kg	2	25	ND	ND	ND
Arsenic	mg/Kg	6	33	ND	ND	ND
Barium	mg/Kg	NS	NS	79	820	220
Beryllium	mg/Kg	NS	NS	ND	ND	ND
Cadmium	mg/Kg	0.6	9	ND	ND	ND
Calcium	mg/Kg	NS	NS	1,500	16,000	17,000
Chromium	mg/Kg	26	110	**13**	ND	**27**
Cobalt	mg/Kg	NS	NS	4.5	ND	8.8
Copper	mg/Kg	16	110	**11**	**37**	**25**
Iron	mg/Kg	20,000	40,000	16,000	**78,000**	**33,000**
Lead	mg/Kg	31	110	ND	**61**	**57**
Magnesium	mg/Kg	NS	NS	3,700	5,800	12,000
Manganese	mg/Kg	460	1,100	**1,300**	**35,000**	**8,000**
Nickel	mg/Kg	16	50	**11**	ND	**23**
Potassium	mg/Kg	NS	NS	2,100	ND	1,800
Selenium	mg/Kg	NS	NS	ND	ND	ND
Silver	mg/Kg	1	2.2	ND	ND	ND
Sodium	mg/Kg	NS	NS	ND	ND	ND
Thallium	mg/Kg	NS	NS	ND	ND	ND
Vanadium	mg/Kg	NS	NS	19	ND	38
Zinc	mg/Kg	120	270	35	**240**	**140**
Chloride	mg/Kg	NS	NS	ND	ND	ND
Cyanide	mg/Kg	NS	NS	ND	2.3	ND

Notes:
BOLD - indicates a concentration exceeding NYSDEC Standard or Guidance Value
ND - not detected at analytical detection limit
NS – no standard

Table 4. Analytical Results of Sediment Samples for SVOCs and VOCs

Analyte	Human Health Bioaccum. Sediment Criteria mg/gOC	Benthic Aquatic Life Acute Toxicity Sediment Criteria mg/gOC	Benthic Aquatic Life Chronic Toxicity Sediment Criteria mg/gOC	Wildlife Bioaccum. Sediment Criteria mg/gOC	SD-1 mg/Kg	SD-2 mg/Kg	SD-4 mg/Kg
Semi-Volatiles							
Total SVOCs					ND	ND	0.28
Pyrene	NS	0.877	NS	0.961	0.1	ND	0.28
Volatiles							
Total VOCs					ND	ND	0.1259
Acetone	NS	NS	NS	NS	ND	ND	0.12
Toluene	NS	0.235	NS	NS	ND	ND	0.0059

Notes:

BOLD indicates a concentration exceeding NYSDEC Standard

NS - No Standard

ND - Not detected

Table 5. Gas Monitoring Results

Station ID	% LEL CGI	PID Equiv.	FID (ppm)	H2S (ppm)	% O2	% CO2
V-1	0	0.0	431.6	1.8	19.4	0
V-2	>100	0.0	>4,951	1.7	6	0
V-3	>100	0.0	>4,951	1.9	6.2	0
V-4	18.1	0.0	3,794	1.9	18.1	0
S Perimeter	0	0.0	0	0	NA	NA
E Perimeter	0	0.0	0	0	NA	NA
N Perimeter	0	0.0	0	0	NA	NA
W Perimeter	0	0.0	0	0	NA	NA

FIGURE 1

Harrison Subresidency Post Closure
Quarterly Monitoring Report
Site Location

NYSDOT PIN: 8806.51.101

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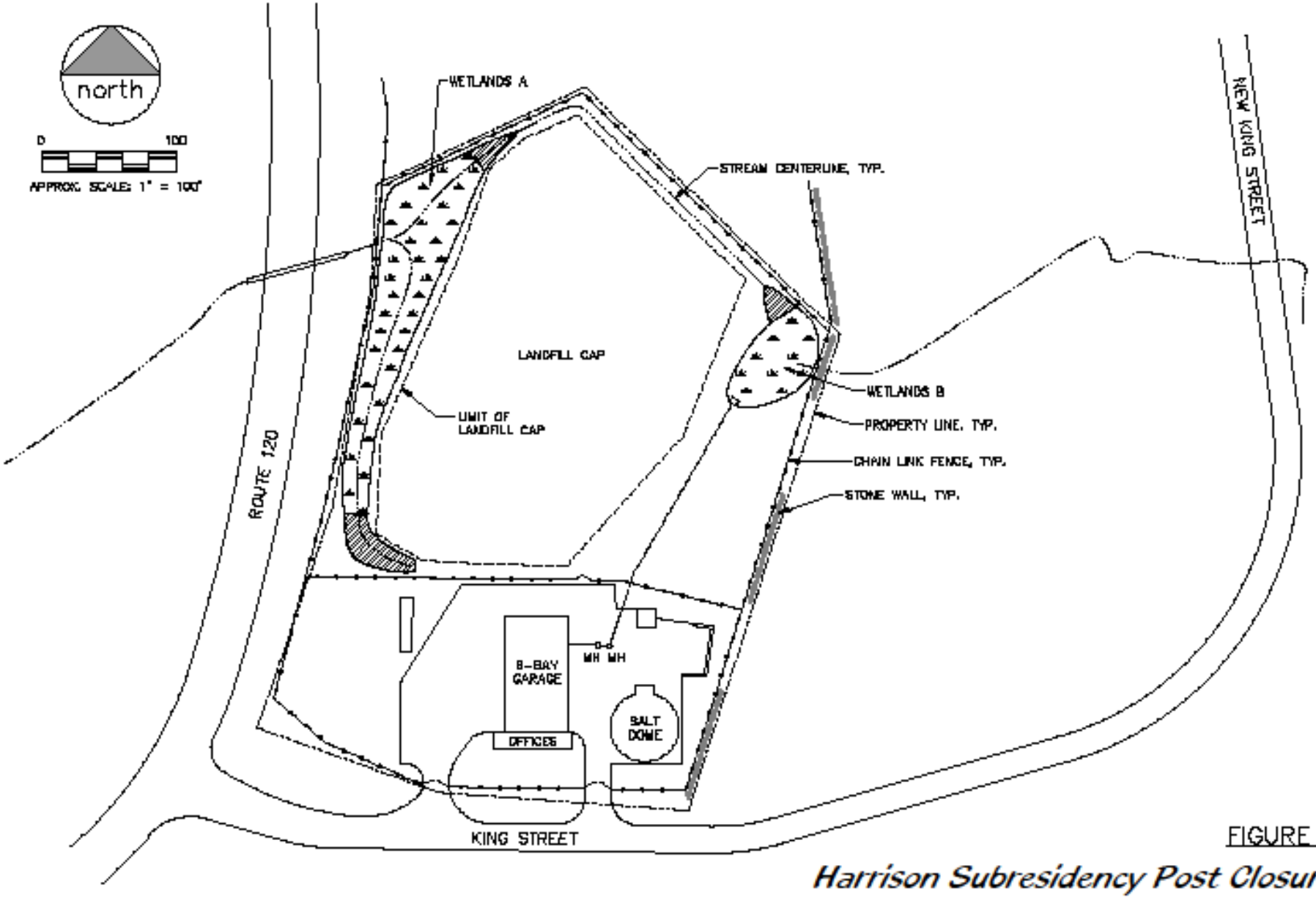

FIGURE 2

Harrison Subresidency Post Closure
Quarterly Monitoring Report
Site Map

NYSDOT PIN: 8806.51.101

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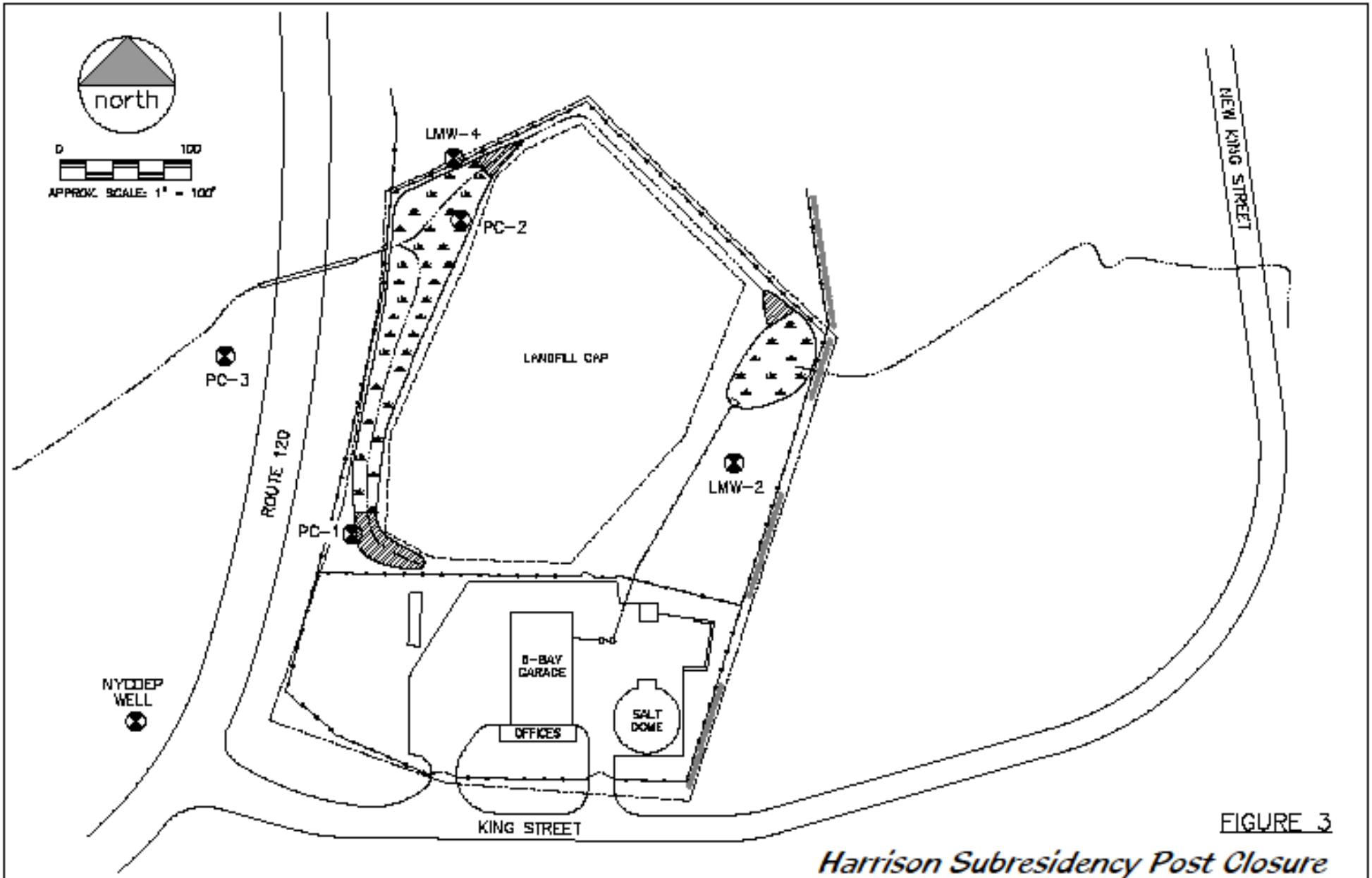

FIGURE 3

Harrison Subresidency Post Closure
Quarterly Monitoring Report
Groudwater Monitoring Well Locations

NYSDOT PIN: 8806.51.101

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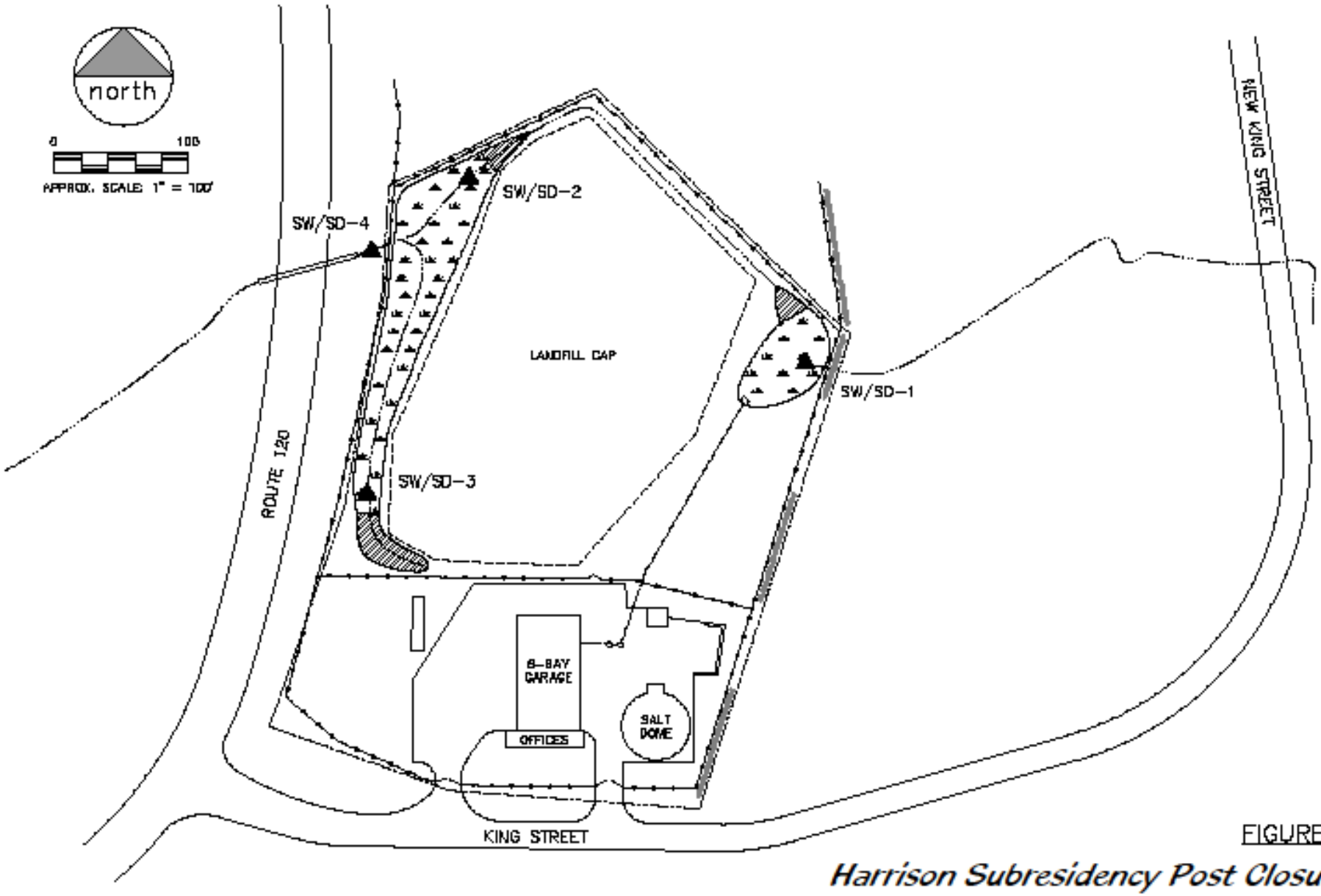

FIGURE 4

Harrison Subresidency Post Closure
Quarterly Monitoring Report
Surface Water and Sediment Sample Locations

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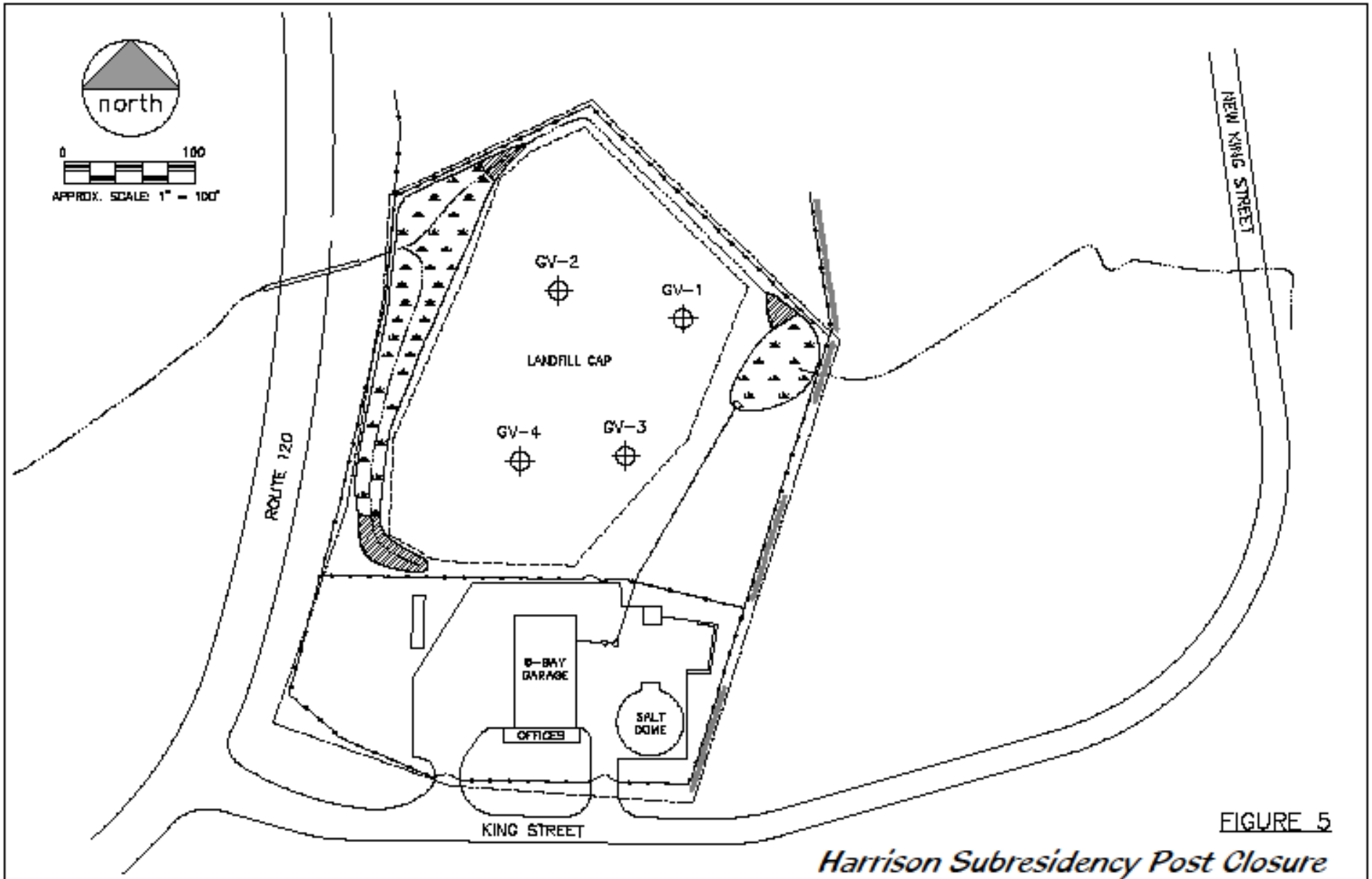

FIGURE 5

Harrison Subresidency Post Closure
Quarterly Monitoring Report
Gas Vent Locations

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Appendix A

Analytical Data

Appendix B

Sampling Logs

GROUNDWATER SAMPLING LOG

Site Name: Harrison Landfill
Site Location: Harrison Subresidency, Harrison, NY
Date: 7/24/12
Purge Method: Whale Pump
Purge Start Time:
Purge End Time:
Well Casing Condition: Good

Well/Sampling Point ID: PC-1
Well Diameter: 2"
Weather: Sunny 95F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gallons):
7.77	16.73	9.23	1.5

Purge Volume Conversions

0.75"=0.02	1"=0.04	1.25"=0.06	2"=0.16	3"=0.37	4"=0.65	5"=1.02	6"=1.47	12"=5.88

*1 well volume = volume/linear foot x water column height

Well Purge Water Quality

VOLUME PURGED (gal)	PH	TEMP (C)	COND (µmhos)	DO (mg/L)	TURB (NTUs)	ORP
0	7.18	18.29	0.737	3.52	145	72
3	7.22	19.19	0.773	5.39	66.8	-15
5	7.30	17.85	0.772	4.75	151	-9
8	7.08	18.12	0.777	5.13	33.3	38

Groundwater Sampling Data

SAMPLED BY:
Marc Califano, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	15:00	Landfill Site Duplicate Location (LF-1)

ANALYSIS:
TCL VOCs, TCL SVOCs, TAL Metals (lab filtered), Cyanide, Chloride

GROUNDWATER SAMPLING LOG

Site Name: Harrison Landfill
Site Location: Harrison Subresidency, Harrison, NY
Date: 7/25/12
Purge Method: Peristaltic Pump
Purge Start Time: 8:30
Purge End Time: 9:00
Well Casing Condition: Good

Well/Sampling Point ID: PC-2
Well Diameter: 2"
Weather: Sunny 95F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gallons):
4.3	11.2	6.9	1.1

Purge Volume Conversions

0.75"=0.02	1"=0.04	1.25"=0.06	2"=0.16	3"=0.37	4"=0.65	5"=1.02	6"=1.47	12"=5.88

*1 well volume = volume/linear foot x water column height

Well Purge Water Quality

VOLUME PURGED (gal)	PH	TEMP (C)	COND (µmhos)	DO (mg/L)	TURB (NTUs)	ORP
1	7.22	17.12	0.870	6.09	0.0	-95
2	6.92	15.36	0.889	13.17	100	-85
3	6.56	15.02	0.887	6.04	42	-73

Groundwater Sampling Data

SAMPLED BY:

Marc Califano, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	9;10	

ANALYSIS:

TCL VOCs, TCL SVOCs, TAL Metals (lab filtered), Cyanide, Chloride

GROUNDWATER SAMPLING LOG

Site Name: Harrison Landfill
Site Location: Harrison Subresidency, Harrison, NY
Date: 7/25/12
Purge Method: Whale Pump
Purge Start Time:
Purge End Time:
Well Casing Condition: Good; locked rusted -had to cut

Well/Sampling Point ID: PC-3
Well Diameter: 2"
Weather: Sunny 95F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gallons):
10.5	18.37	7.87	1.25

Purge Volume Conversions

0.75"=0.02	1"=0.04	1.25"=0.06	2"=0.16	3"=0.37	4"=0.65	5"=1.02	6"=1.47	12"=5.88

*1 well volume = volume/linear foot x water column height

Well Purge Water Quality

VOLUME PURGED (gal)	PH	TEMP (C)	COND (µmhos)	DO (mg/L)	TURB (NTUs)	ORP
0	7.67	18.23	1.04	4.10	474	43
3	7.43	15.32	0.985	3.59	953	39
5	7.06	15.08	0.892	3.36	905	37
8	6.84	14.69	0.848	3.04	5.7	35
10	6.71	14.25	0.830	3.01	0.0	34

Groundwater Sampling Data

SAMPLED BY:

Marc Califano, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	13:20	

ANALYSIS:

TCL VOCs, TCL SVOCs, TAL Metals (lab filtered), Cyanide, Chloride

GROUNDWATER SAMPLING LOG

Site Name: Harrison Landfill
Site Location: Harrison Subresidency, Harrison, NY
Date: 7/25/12
Purge Method: Whale Pump
Purge Start Time: 12:00
Purge End Time: 12:45
Well Casing Condition: Good

Well/Sampling Point ID: LMW-2
Well Diameter: 2"
Weather: Sunny 95F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gallons):
12.18	21	8.82	1.5

Purge Volume Conversions

0.75"=0.02	1"=0.04	1.25"=0.06	2"=0.16	3"=0.37	4"=0.65	5"=1.02	6"=1.47	12"=5.88

*1 well volume = volume/linear foot x water column height

Well Purge Water Quality

VOLUME PURGED (gal)	PH	TEMP (C)	COND (µmhos)	DO (mg/L)	TURB (NTUs)	ORP
0	8.02	14.05	0.645	4.48	55.1	46
3	6.85	13.49	0.677	4.04	46.9	83
5	6.83	13.25	0.678	15.21	17.7	110
8	6.78	12.90	0.680	8.23	21.7	120

Groundwater Sampling Data

SAMPLED BY:

Marc Califano, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	13:00	

ANALYSIS:

TCL VOCs, TCL SVOCs, TAL Metals (lab filtered), Cyanide, Chloride

GROUNDWATER SAMPLING LOG

Site Name: Harrison Landfill
Site Location: Harrison Subresidency, Harrison, NY
Date: 7/25/12
Purge Method: Whale Pump
Purge Start Time: 10:30
Purge End Time: 11:15
Well Casing Condition: Good; locked

Well/Sampling Point ID: LMW-4
Well Diameter: 2"
Weather: Sunny 95OF

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gallons):
5.0	15.5	10.5	1.68

Purge Volume Conversions

0.75"=0.02	1"=0.04	1.25"=0.06	2"=0.16	3"=0.37	4"=0.65	5"=1.02	6"=1.47	12"=5.88

*1 well volume = volume/linear foot x water column height

Well Purge Water Quality

VOLUME PURGED (gal)	PH	TEMP (C)	COND (µmhos)	DO (mg/L)	TURB (NTUs)	ORP
0	7.02	14.73	0.867	4.79	70.1	-72
3	6.77	14.74	0.934	5.13	148	-78
4	6.74	14.21	0.815	7.21	21.4	-82
5	6.58	13.59	0.951	3.34	20.7	-71

Groundwater Sampling Data

SAMPLED BY:

Marc Califano, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	11:15	Dry at 5 gallons purged; slow recharge

ANALYSIS:

TCL VOCs, TCL SVOCs, TAL Metals (lab filtered), Cyanide, Chloride

SURFACE WATER SAMPLING LOG

SITE NAME: Harrison Landfill	SITE LOCATION: Harrison, NY
WEATHER: Sunny 85^{O}F	DATE: 7/25/12

Station ID	Time	Sample Depth	Total Depth	Temp ^{o}C	pH	Cond.	Turbidity NTUs	DO	Flow CFS
SW-1	12:30	0-4”	3”	18.07	7.41	0.374	41.1	14.21	0
SW-2	9:40	0-4”	2”	19.39	8.50	0.365	201	7.67	0
SW-3*	10:15	-	<1”	-	-	-	-	-	-
SW-4	14:45	0-4”	6”	22.53	4.63	0.367	207	5.77	0

SAMPLING DATA

SAMPLED BY: Marc Califano, Tom LaBanca
SAMPLING METHOD: Stainless Steel Ladle
ANALYSIS: TCL VOCs, TCL SVOCs, TAL Metals, Cyanide, Chloride *SW-3 did not contain a measurable amount of water during time of sampling.

HC·V
HAMPTONCLARKE·VERITECH

175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
2 MADISON ROAD, FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: 9051.010 Harrison LF

Client PO: 9051.010

Report To: Cashin Associates
1200 Veterans Memorial Highway
Hauppauge, NY 11788

Attn: Kimberly Somers

Received Date: 7/24/2012

Report Date: 8/20/2012

Deliverables: NYDOH-CatA

Lab ID: AC67263

Lab Project No: 2072427

Robin Cousineau - Quality Assurance Director OR **Stanley Gilewicz - Laboratory Director**

NJ (07071)
PA (68-00463)
NY (ELAP11408)
KY (90124)
CT (PH-0671)
USACE

NELAP ACCREDITED TNI LABORATORY

HC·V
HAMPTONCLARKE·VERITECH

2072427

THIS CATEGORY "A" REPORT
IS NUMBERED FROM
1 to 57

HCV Case Narrative/Conformance Summary

Client: Cashin Associates
Project: 9051.011 Harrison LF

HCV Project: 2072427

Hampton-Clarke/Veritech (HC·V) received the following samples on July 24, 2012:

Client ID	HCV Sample ID	Matrix	Analysis
PC-1 U	AC67263-001	Aqueous	VO (624), BNA (625), Chloride (300.0), Cyanide (335.4)
PC-1 F	AC67263-002	Aqueous	Metals (200.7, 245.1)
LF-1 U	AC67263-003	Aqueous	VO (624), BNA (625), Chloride (300.0), Cyanide (335.4)
LF-1 F	AC67263-004	Aqueous	Metals (200.7, 245.1)
PC-3 U	AC67263-005	Aqueous	VO (624), BNA (625), Chloride (300.0), Cyanide (335.4)
PC-3 F	AC67263-006	Aqueous	Metals (200.7, 245.1)
TB7/23	AC67263-007	Aqueous	VO (624)

Volatile Organic Analysis:

The Matrix Spike and/or Matrix Spike Duplicate for batch 19311 had recoveries outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

Base Neutral/Acid Extractable Analysis:

The Matrix Spike/Matrix Spike Duplicate RPD for batch 14942 had recoveries outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

Sample AC67263-001 MS had one or more surrogates outside QC limits.

Metals Analysis:

The serial dilution for batch 18151 is outside QC limits for one or more analytes, suggesting matrix interference.

Wet Chemistry Analysis:

The Matrix Spike and/or Matrix Spike Duplicate for Chloride batch 1272 recovered outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Robin Cousineau
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

8/20/2012
Date

2072427 8603

Vertical Division of Hampton-Clarke
175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HC-V HAMPTON-CLARKE · VERITECH

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 2072427

Page ____ of ____

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | WV #353 | KY #90124

Customer Information

1a) Customer: Cashin Associates, P.C.
Address: 1200 Veterans Memorial
Hauppauge, NY 11788
1b) Email/Cell/Fax/Ph: KSomers@ca-PC.com
1c) Send Invoice to: Debbie Young
1d) Send Report to: Kim Somers

Project Information

2a) Project: 9051.003.010 (2)
Harrison
2b) Project Mgr: Greg Greene
2c) Project Location (City/State): Harrison, NY
2d) Quote/PO # (If Applicable): 9051.003.010

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
24 Hours (100%)	Data Summary	Hazsite/CSV
48 Hours (75%)	Waste	EQuIS 4-File / EZ / NYS
72 Hours (50%)	Red - NJ / NY / PA	EQuIS EPA Region 2 or 5
4 Days (35%; TPH)	CLP	Excel - NJ Regulatory
1 Week (25%; EPH)	Full / Category B	Excel - NY Regulatory
10 Days (10%)	Category A	Excel - PA Regulatory
2 Weeks	Other: ____	PDF
Other: STD		Other: ____

Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY

Batch #

Check If Contingent ==>

Matrix Codes

DW - Drinking Water; S - Soil; A - Air
GW - Ground Water; SL - Sludge
WW - Waste Water; OL - Oil
OT - Other (please specify under item 9, Comments)

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	7) Analysis Request: TCL VOCs	TCL SVOCs	TAL Metals Filtered	TAL Cyanide	Chloride	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
AC67263 -001/-002	PC-1	GW	7/24/12	1500		G	X	X	X	X	X									
-003/-004	LF-1	GW	7/24/12	1500		G	X	X	X	X	X									
-005/-006	PC-3	GW	7/24/12	1320		G	X	X	X	X	X									
-007	Trip Blank (1)		(7/23/12)				X													

10) Relinquished by: Mary Califano

Accepted by:

Date	Time
7/24/12	1520
7/24/12	1725

Additional Notes

Please circle required parameter list (refer to HC-V summary): i) NJ 2008 SRS; ii) Current TCL; iii) HC-V 2010 Merged; iv) PA; v) NY; vi) Project-Specific

Comments, Notes, Special Requirements, HAZARDS

Note: Check if low-level groundwater methods required to meet current standards in NJ or PA:

- ☐ BN or BNA (8270C SIM)
- ☐ VOC (8260B SIM or 8011)
- ☐ Metals (ICP-MS 200.8 or 6020)
- ☐ Metals-Soil (ICP-MS 6020 for Be & Ag)

Note: Check if applicable:

- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project

(1) Trip Blank info. added per client request (M. Califano) DO 7/25/12.

(2) Proj. # changed from 9051.003 to 9051.010 per M. Califano 7/26/12. DO 7/26/12

Cooler Temperature: 2.1

11) Sampler (print name): ____ Date: ____

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

PROJECT MODIFICATIONS

Client: CASHIN
Project: 9051.010 Harrison LF

HCV Project #: 2072427

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debrapost192.168.1.51
7/26/2012 4:27:50 PM

As per Mark Califano the proj. ID for the Harrison Landfill project is 9051.010. DP 7/26/12

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debrapost192.168.1.51
7/27/2012 12:13:15 PM

AS per Mark Califan 7/27/12 remove all total metals from unfiltered sammples. Metals analysis removed from sampes AC67263-001,-003,-005. DP 7/27/12.

CONDITION UPON RECEIPT

Batch Number AC67263

Entered By: Ricardo

Date Entered 7/24/2012 6:38:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 2.1C
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	NO	Do the contents match the COC? If no, specify TB7/23 RECEIVED BUT NOT STATED ON COC.
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Was temperature blank present (Place comment below if not)? If not was temperature of samples verified?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC67263

Entered By: Ricardo

Date Entered 7/24/2012 6:39:00 PM

Lab#:	Container Siz	Container Typ	Parameter	Preservative	PH
AC67263-001	40ML	G	VO	HCL	1
AC67263-001	1L	P	METALS	HNO3	1
AC67263-001	500ML	G	CN	NAOH	14
AC67263-002	NA	NA	NA	NA	NA
AC67263-002	NA	NA	NA	NA	NA
AC67263-002	NA	NA	NA	NA	NA
AC67263-003	40ML	G	VO	HCL	1
AC67263-003	1L	P	METALS	HNO3	1
AC67263-003	500ML	G	CN	NAOH	14
AC67263-004	NA	NA	NA	NA	NA
AC67263-004	NA	NA	NA	NA	NA
AC67263-004	NA	NA	NA	NA	NA
AC67263-005	40ML	G	VO	HCL	1
AC67263-005	1L	P	METALS	HNO3	1
AC67263-005	500ML	G	CN	NAOH	14
AC67263-006	NA	NA	NA	NA	NA
AC67263-006	NA	NA	NA	NA	NA
AC67263-006	NA	NA	NA	NA	NA
AC67263-007	40ML	G	VO	HCL	1
AC67263-007	NA	NA	NA	NA	NA
AC67263-007	NA	NA	NA	NA	NA

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC67263-001	07/24/12 17:24	RICAR	0	M	Received
AC67263-001	07/24/12 18:38	RICAR	0	M	Login
AC67263-001	07/25/12 14:13	R31	1	A	NONE
AC67263-001	07/25/12 14:13	R31	2	A	NONE
AC67263-001	08/02/12 15:30	ABM	2	A	VOA
AC67263-001	07/25/12 14:13	R31	3	A	NONE
AC67263-001	07/31/12 08:22	JW	4	A	ic
AC67263-001	07/31/12 09:12	R12	4	A	NONE
AC67263-001	08/01/12 08:43	JW	4	A	ic
AC67263-001	08/01/12 16:28	R12	4	A	NONE
AC67263-001	07/27/12 08:47	MSL	6	A	bn
AC67263-001	07/27/12 08:47	MSL	7	A	bn
AC67263-001	07/27/12 08:48	R12	7	A	NONE
AC67263-001	07/27/12 08:41	NAN	8	A	cn-water-mur
AC67263-001	07/27/12 15:46	R12	8	A	NONE
AC67263-002	07/24/12 17:24	RICAR	0	M	Received
AC67263-002	07/24/12 18:38	RICAR	0	M	Login
AC67263-002	07/27/12 17:14	RAMO	1	A	r12
AC67263-002	07/27/12 17:14	RAMO	1	A	filter
AC67263-002	07/30/12 11:35	SRB	1	A	tdsw-hg
AC67263-002	07/30/12 12:50	R12	1	A	NONE
AC67263-003	07/24/12 17:24	RICAR	0	M	Received
AC67263-003	07/24/12 18:38	RICAR	0	M	Login
AC67263-003	07/25/12 14:13	R31	1	A	NONE
AC67263-003	07/25/12 14:13	R31	2	A	NONE
AC67263-003	08/02/12 15:30	ABM	2	A	VOA
AC67263-003	07/25/12 14:13	R31	3	A	NONE
AC67263-003	07/31/12 08:22	JW	4	A	ic
AC67263-003	07/31/12 09:12	R12	4	A	NONE
AC67263-003	08/01/12 08:43	JW	4	A	ic
AC67263-003	08/01/12 16:28	R12	4	A	NONE
AC67263-003	07/27/12 08:51	MSL	6	A	bn
AC67263-003	07/27/12 08:41	NAN	8	A	cn-water-mur
AC67263-003	07/27/12 15:46	R12	8	A	NONE
AC67263-004	07/24/12 17:24	RICAR	0	M	Received
AC67263-004	07/24/12 18:38	RICAR	0	M	Login
AC67263-004	07/27/12 17:14	RAMO	1	A	r12
AC67263-004	07/27/12 17:14	RAMO	1	A	filter
AC67263-004	07/30/12 11:35	SRB	1	A	tdsw-hg
AC67263-004	07/30/12 12:50	R12	1	A	NONE
AC67263-005	07/24/12 17:24	RICAR	0	M	Received
AC67263-005	07/24/12 18:38	RICAR	0	M	Login
AC67263-005	07/25/12 14:13	R31	1	A	NONE
AC67263-005	07/25/12 14:13	R31	2	A	NONE
AC67263-005	08/02/12 15:30	ABM	2	A	VOA
AC67263-005	07/25/12 14:13	R31	3	A	NONE
AC67263-005	07/31/12 08:22	JW	4	A	ic
AC67263-005	07/31/12 09:12	R12	4	A	NONE
AC67263-005	08/01/12 08:43	JW	4	A	ic
AC67263-005	08/01/12 16:28	R12	4	A	NONE
AC67263-005	07/27/12 08:47	MSL	7	A	bn
AC67263-005	07/27/12 08:41	NAN	8	A	cn-water-mur
AC67263-005	07/27/12 15:46	R12	8	A	NONE
AC67263-006	07/24/12 17:24	RICAR	0	M	Received
AC67263-006	07/24/12 18:38	RICAR	0	M	Login
AC67263-006	07/27/12 17:14	RAMO	1	A	r12
AC67263-006	07/27/12 17:14	RAMO	1	A	filter
AC67263-006	07/30/12 11:35	SRB	1	A	tdsw-hg
AC67263-006	07/30/12 12:50	R12	1	A	NONE
AC67263-007	07/24/12 17:24	RICAR	0	M	Received
AC67263-007	07/24/12 18:38	RICAR	0	M	Login
AC67263-007	07/25/12 14:13	R31	1	A	NONE
AC67263-007	08/02/12 14:10	WP	1	A	VOA
AC67263-007	07/25/12 14:13	R31	2	A	NONE
AC67263-007	07/25/12 14:13	R31	3	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Laboratory Chronicle

Client: Cashin Associates

Project: 9051.010 Harrison LF

HCV Project #: 2072427

Lab#: AC67263-001 **Sample ID: PC-1 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		08/01/12	Janee	300.0 rev2.1	8/1/12 20:03	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/30/12 16:43	JS
Semivolatile Organics + 25 (625)	EPA 625	07/27/12	marie	EPA 625	7/27/12 15:55	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/3/12 00:11	WP

Lab#: AC67263-002 **Sample ID: PC-1 F**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:12	OA
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 12:09	SRB
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 21:42	SRB

Lab#: AC67263-003 **Sample ID: LF-1 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		08/01/12	Janee	300.0 rev2.1	8/1/12 20:26	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/30/12 16:45	JS
Semivolatile Organics + 25 (625)	EPA 625	07/27/12	marie	EPA 625	7/27/12 22:43	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/3/12 00:27	WP

Lab#: AC67263-004 **Sample ID: LF-1 F**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:14	OA
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 12:13	SRB
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 21:46	SRB

Laboratory Chronicle

Client: Cashin Associates

Project: 9051.010 Harrison LF

HCV Project #: 2072427

Lab#: AC67263-005 **Sample ID: PC-3 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		08/01/12	Janee	300.0 rev2.1	8/1/12 20:48	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/30/12 16:47	JS
Semivolatile Organics + 25 (625)	EPA 625	07/27/12	marie	EPA 625	7/27/12 23:06	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/2/12 22:06	WP

Lab#: AC67263-006 **Sample ID: PC-3 F**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:15	OA
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 12:17	SRB
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 21:49	SRB

Lab#: AC67263-007 **Sample ID: TB7/23**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/2/12 17:58	WP

HCV Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL* = Reporting Limit

ND = Not Detected

RT = Retention Time

NA = Not Applicable

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

B- Indicates analyte was present in the Method Blank and sample.

d- For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.

E- Indicates the concentration exceeded the upper calibration range of the instrument.

J- Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

HCV Report Of Analysis

Client: Cashin Associates
Project: 9051.010 Harrison LF

HCV Project #: 2072427

Sample ID: PC-1 U
Lab#: AC67263-001
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	10	mg/l	20	130

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	2.0	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND

Sample ID: PC-1 U
Lab#: AC67263-001
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND

Sample ID: PC-1 U
Lab#: AC67263-001
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: PC-1 F
Lab#: AC67263-002
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**120**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**60000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	1	ug/l	150	ND
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**8800**
Manganese	**1**	**ug/l**	**25**	**710**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3800**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**87000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: LF-1 U
Lab#: AC67263-003
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	10	mg/l	20	130

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	2.0	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND

Sample ID: LF-1 U
Lab#: AC67263-003
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
unknown	**1**	**ug/l**	**12.67**	**5.1J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**5.1J**

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND

Sample ID: LF-1 U
Lab#: AC67263-003
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: LF-1 F
Lab#: AC67263-004
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**110**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**58000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	1	ug/l	150	ND
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**8400**
Manganese	**1**	**ug/l**	**25**	**670**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3700**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**85000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: PC-3 U
Lab#: AC67263-005
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	10	mg/l	20	140

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	2.0	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND

Sample ID: PC-3 U
Lab#: AC67263-005
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND

Sample ID: PC-3 U
Lab#: AC67263-005
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: PC-3 F
Lab#: AC67263-006
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**120**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**56000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**1700**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**16000**
Manganese	**1**	**ug/l**	**25**	**560**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**4900**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**64000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: TB7/23
Lab#: AC67263-007
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: TB7/23
Lab#: AC67263-007
Matrix: Aqueous

Collection Date: 7/24/2012
Receipt Date: 7/24/2012

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M15789.D
Analysis Date: 08/02/12 08:16
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 236023

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 3M15789.D
Analysis Date: 08/02/12 08:16
Date Rec/Extracted:

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236023

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67263-001
Client Id: PC-1 U
Data File: 3M15848.D
Analysis Date: 08/03/12 00:11
Date Rec/Extracted: 07/24/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236023

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-001
Client Id: PC-1 U
Data File: 3M15848.D
Analysis Date: 08/03/12 00:11
Date Rec/Extracted: 07/24/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236023

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67263-003
Client Id: LF-1 U
Data File: 3M15849.D
Analysis Date: 08/03/12 00:27
Date Rec/Extracted: 07/24/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236023

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-003
Client Id: LF-1 U
Data File: 3M15849.D
Analysis Date: 08/03/12 00:27
Date Rec/Extracted: 07/24/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236023

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67263-005
Client Id: PC-3 U
Data File: 3M15840.D
Analysis Date: 08/02/12 22:06
Date Rec/Extracted: 07/24/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236023

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-005
Client Id: PC-3 U
Data File: 3M15840.D
Analysis Date: 08/02/12 22:06
Date Rec/Extracted: 07/24/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236023

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67263-007
Client Id: TB7/23
Data File: 3M15824.D
Analysis Date: 08/02/12 17:58
Date Rec/Extracted: 07/24/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236023

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-007
Client Id: TB7/23
Data File: 3M15824.D
Analysis Date: 08/02/12 17:58
Date Rec/Extracted: 07/24/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236023

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB14942
Client Id:
Data File: 5M76215.D
Analysis Date: 07/27/12 13:30
Date Rec/Extracted: NA-07/27/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 235943

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: WMB14942
Client Id:
Data File: 5M76215.D
Analysis Date: 07/27/12 13:30
Date Rec/Extracted: NA-07/27/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	111-76-2	Ethanol, 2-butoxy-	4.96	<10%
2	5131-66-8	2-Propanol, 1-butoxy-	5.26	5.4 J
3		unknown	5.71	<10%

Worksheet #: 235943

Total Tentatively Identified Concentration 5.4

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67263-001
Client Id: PC-1 U
Data File: 5M76221.D
Analysis Date: 07/27/12 15:55
Date Rec/Extracted: 07/24/12-07/27/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 0.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 235943

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-001
Client Id: PC-1 U
Data File: 5M76221.D
Analysis Date: 07/27/12 15:55
Date Rec/Extracted: 07/24/12-07/27/12

Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 0.5ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 235943

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67263-003
Client Id: LF-1 U
Data File: 5M76238.D
Analysis Date: 07/27/12 22:43
Date Rec/Extracted: 07/24/12-07/27/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 235943

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-003
Client Id: LF-1 U
Data File: 5M76238.D
Analysis Date: 07/27/12 22:43
Date Rec/Extracted: 07/24/12-07/27/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	12.67	5.1 J

Worksheet #: 235943

Total Tentatively Identified Concentration 5.1

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67263-005
Client Id: PC-3 U
Data File: 5M76239.D
Analysis Date: 07/27/12 23:06
Date Rec/Extracted: 07/24/12-07/27/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 235943

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67263-005
Client Id: PC-3 U
Data File: 5M76239.D
Analysis Date: 07/27/12 23:06
Date Rec/Extracted: 07/24/12-07/27/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 235943

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

FORM2

Surrogate Recovery

Method: EPA 625

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
5M76215.D	WMB14942	Aqueous	07/27/12 13:30	1		58	38	84	76	83	89
5M76221.D	AC67263-001	Aqueous	07/27/12 15:55	1		58	45	68	67	66	70
5M76238.D	AC67263-003	Aqueous	07/27/12 22:43	1		54	37	87	90	96	93
5M76239.D	AC67263-005	Aqueous	07/27/12 23:06	1		42	28	77	81	83	89
5M76214.D	WMB14942(M	Aqueous	07/27/12 13:06	1		63	43	95	80	105	100
5M76222.D	AC67263-001(	Aqueous	07/27/12 16:19	1		64	53	73	49*	84	82
5M76223.D	AC67263-001(	Aqueous	07/27/12 16:44	1		71	57	89	54	101	99

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: EPA 625

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	29-113
S2=Phenol-d5	100	27-115
S3=Nitrobenzene-d5	50	51-139
S4=2-Fluorobiphenyl	50	53-129
S5=2,4,6-Tribromophenol	100	54-149
S6=Terphenyl-d14	50	55-146

Form3
RPD DATA

QC Batch: WMB14942

	Data File	Sample ID:	Analysis Date
Spike or Dup:	5M76223.D	AC67263-001(MSD)	7/27/2012 4:44:00 PM
Duplicate(If applicable):	5M76222.D	AC67263-001(MS)	7/27/2012 4:19:00 PM
Inst Blank(If applicable):			

Method: 625 Matrix: Aqueous QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
N-Nitrosodimethylamine	1	79.5102	78.8574	0.82	17
bis(2-Chloroethyl)ether	1	83.9852	72.2795	15*	12
Phenol	1	55.33	51.7184	6.7	27
2-Chlorophenol	1	85.2008	73.3671	15	21
bis(2-chloroisopropyl)ether	1	70.3458	61.8301	13	14
Hexachloroethane	1	64.3757	63.4658	1.4	39
N-Nitroso-di-n-propylamine	1	85.8395	73.4736	16*	14
Nitrobenzene	1	92.4186	79.7023	15*	13
Isophorone	1	93.6932	77.9005	18*	12
2-Nitrophenol	1	100.1094	80.2619	22	31
2,4-Dimethylphenol	1	82.4872	71.4503	14	18
bis(2-Chloroethoxy)methane	1	94.0051	79.4786	17*	12
2,4-Dichlorophenol	1	97.4179	80.1675	19	21
1,2,4-Trichlorobenzene	1	80.5564	70.071	14	17
Naphthalene	1	86.2304	71.3265	19*	16
Hexachlorobutadiene	1	81.1078	72.3207	11	24
4-Chloro-3-methylphenol	1	94.7504	80.7013	16	16
2,4,6-Trichlorophenol	1	97.3082	79.6883	20	24
2-Chloronaphthalene	1	98.9517	80.156	21*	13
Acenaphthylene	1	104.7303	84.9072	21*	13
Dimethylphthalate	1	100.4565	83.3527	19*	12
2,6-Dinitrotoluene	1	110.9048	88.592	22*	13
Acenaphthene	1	94.6716	77.44	20*	14
2,4-Dinitrophenol	1	56.2037	32.9678	52*	37
2,4-Dinitrotoluene	1	97.774	78.3262	22*	13
4-Nitrophenol	1	61.0926	54.8645	11	41
Fluorene	1	96.375	77.9406	21*	14
4-Chlorophenyl-phenylether	1	99.1844	79.7985	22*	13
Diethylphthalate	1	98.1392	81.8713	18*	12
4,6-Dinitro-2-methylphenol	1	94.8684	73.7477	25	25
4-Bromophenyl-phenylether	1	98.8165	83.7792	16*	13
Hexachlorobenzene	1	93.7179	79.7358	16*	12
Pentachlorophenol	1	84.8035	65.9974	25	31
Phenanthrene	1	99.4788	83.8867	17*	12
Anthracene	1	100.0723	86.1514	15*	12
Di-n-butylphthalate	1	103.501	87.159	17*	12
Fluoranthene	1	99.7426	85.5024	15*	13
Pyrene	1	99.6154	82.1233	19*	13
Butylbenzylphthalate	1	101.4413	83.7177	19*	12
3,3'-Dichlorobenzidine	1	134.1586	111.3709	19	40
Benzo[a]anthracene	1	92.1314	75.6183	20*	12
Chrysene	1	103.2451	87.033	17*	12
bis(2-Ethylhexyl)phthalate	1	96.4855	80.1183	19*	14
Di-n-octylphthalate	1	100.0455	83.755	18*	14
Benzo[b]fluoranthene	1	105.1879	86.0423	20*	15
Benzo[k]fluoranthene	1	97.2503	84.4087	14	14
Benzo[a]pyrene	1	108.7573	90.7797	18*	13
Indeno[1,2,3-cd]pyrene	1	119.3796	98.2555	19*	14
Dibenzo[a,h]anthracene	1	118.9925	97.1709	20*	14
Benzo[g,h,i]perylene	1	113.0659	93.1993	19*	15

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 18151 (0.5) % Solid: 0 Lab Name: Veritech
Client Id: MB 18151 (0.5) Units: UG/L Lab Code:
Matrix: AQUEOUS
Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-39-3	Barium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-70-2	Calcium	1000	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-89-6	Iron	150	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-95-4	Magnesium	1000	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-96-5	Manganese	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-98-7	Molybdenum	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-09-7	Potassium	2500	ND	1	100	50	08/03/12	18151	A14186B2	12	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-23-5	Sodium	2500	ND	1	100	50	08/03/12	18151	A14186B2	12	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-31-5	Tin	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-32-6	Titanium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 18151 (1) % Solid: 0 Lab Name: Veritech
Client Id: MB 18151 (1) Units: UG/L Lab Code:
Matrix: AQUEOUS
Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	11	CV	HGCV1A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67263-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-1 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/25/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-39-3	Barium	25	120	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-70-2	Calcium	1000	60000	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7439-89-6	Iron	150	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7439-95-4	Magnesium	1000	8800	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7439-96-5	Manganese	25	710	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	18	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-09-7	Potassium	2500	3800	1	100	50	08/03/12	18151	A14186B2	23	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-23-5	Sodium	2500	87000	1	100	50	08/03/12	18151	A14186B2	23	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	24	P	PEICP2A

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67263-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	LF-1 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/25/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-39-3	Barium	25	110	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-70-2	Calcium	1000	58000	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7439-89-6	Iron	150	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7439-95-4	Magnesium	1000	8400	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7439-96-5	Manganese	25	670	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	19	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-09-7	Potassium	2500	3700	1	100	50	08/03/12	18151	A14186B2	24	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-23-5	Sodium	2500	85000	1	100	50	08/03/12	18151	A14186B2	24	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	25	P	PEICP2A

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67263-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-3 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/25/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-39-3	Barium	25	120	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-70-2	Calcium	1000	56000	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7439-89-6	Iron	150	1700	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7439-95-4	Magnesium	1000	16000	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7439-96-5	Manganese	25	560	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	20	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-09-7	Potassium	2500	4900	1	100	50	08/03/12	18151	A14186B2	25	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-23-5	Sodium	2500	64000	1	100	50	08/03/12	18151	A14186B2	25	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	26	P	PEICP2A

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/03/12
Data File: A14186A2
Prep Batch: 18151
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072427

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-8	CCB-12	CCB-23	CCB-30	CCB-37	CCB-46	MB 18151 (0.5)-13
Aluminum	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.1 U
Antimony	.015 U	.015 U	.015 U	.015 U	.015 U	.015 U	.0075 U
Arsenic	.04 U	.04 U	.04 U	.04 U	.04 U	.04 U	.02 U
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Beryllium	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.004 U
Cadmium	.004 U	.004 U	.004 U	.004 U	.004 U	.004 U	.002 U
Calcium	2 U	2 U	2 U	2 U	2 U	2 U	1 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Cobalt	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Iron	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.15 U
Lead	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U
Magnesium	2 U	2 U	2 U	2 U	2 U	2 U	1 U
Manganese	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Nickel	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U
Selenium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U
Thallium	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/03/12
Data File: A14186B2
Prep Batch: 18151
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072427

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-7	CCB-11	CCB-22	CCB-29	CCB-40	MB 18151 (0.5)-12		
Potassium	5 U	5 U	5 U	5 U	5 U	2.5 U		
Sodium	5 U	5 U	5 U	5 U	5 U	2.5 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/08/12
Data File: H14186Ac
Prep Batch: 18151
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072427

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-31	MB 18151 (1)-11				
Mercury	.2 U	.2 U	.2 U	.2 U				

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC67263-001
Matrix Aqueous
Client SampleID: PC-1 U

Project Number: 2072427
Received Date: 7/24/2012
Collect Date: 7/24/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**10**	**130**	**mg/L**	**20**	08/01/12	08/01/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/30/12

Lab#: AC67263-003
Matrix Aqueous
Client SampleID: LF-1 U

Project Number: 2072427
Received Date: 7/24/2012
Collect Date: 7/24/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**10**	**130**	**mg/L**	**20**	08/01/12	08/01/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/30/12

Lab#: AC67263-005
Matrix Aqueous
Client SampleID: PC-3 U

Project Number: 2072427
Received Date: 7/24/2012
Collect Date: 7/24/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**10**	**140**	**mg/L**	**20**	08/01/12	08/01/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/30/12

MS/MSD/DUP Recovery

Prep Batch: W-1272
Method: 300.0 rev2.1

Sample ID: AC67384-001
Matrix Aqueous

Qc Type: MS

Analyte	Amt	Limits Recov	Dil	MS Conc	Sam Conc	Recov	Flag	MS/MSD/DUP Batch	RunID	Analysis Date	Non Spike Batch	RunID	Analysis Date
Chloride	5	80-120	1	66.2579	62.6856	71	Mw	20120728132	59	08/01/12 11:27	20120728132	58	08/01/12 11:05

Qc Type: MSD

Analyte	Amt	Limits Recov	Rpd	Dil	MS Conc	Sam Conc	Recov	Rpd	Flag	MS/MSD/DUP Batch	RunID	Analysis Date	Non Spike Batch	RunID	Analysis Date
Chloride	5	80-120	20	1	66.1355	62.6856	69	0.2	MW	20120728132	60	08/01/12 11:50	20120728132	58	08/01/12 11:05

Blank Summary

Instrument: IC1

Qc Type: Method Blank Summary Prep Date: 8/1/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	8/1/12 10:21	MBW-1272	56	Chloride	ND	2.0

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/28/12 15:59	ICB	8	Chloride	ND	2.0

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	8/1/12 09:59	CCB	55	Chloride	ND	2.0
20120728132	8/1/12 15:12	CCB	67	Chloride	ND	2.0
20120728132	8/1/12 19:41	CCB	79	Chloride	ND	2.0
20120728132	8/1/12 21:33	CCB	84	Chloride	ND	2.0

Blank Summary

Instrument: Flow1

Qc Type: Method Blank Summary Prep Date: 7/27/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730170	7/30/12 16:14	MBW-571	17	Cyanide	ND	0.02

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730170	7/30/12 16:10	ICB	15	Cyanide	ND	0.02

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730170	7/30/12 16:37	CCB	28	Cyanide	ND	0.02
20120730170	7/30/12 16:53	CCB	36	Cyanide	ND	0.02

HC·V
HAMPTONCLARKE·VERITECH

Last Page of Report

HC·V
HAMPTONCLARKE-VERITECH

175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
2 MADISON ROAD, FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: 9051.010 Harrison LF

Client PO: 9051.010

Report To: Cashin Associates
1200 Veterans Memorial Highway
Hauppauge, NY 11788

Attn: Kimberly Somers

Received Date: 7/25/2012

Report Date: 8/20/2012

Deliverables: NYDOH-CatA

Lab ID: AC67281

Lab Project No: 2072518

Robin Cousineau - Quality Assurance Director OR **Stanley Gilewicz - Laboratory Director**

NJ (07071) NY (ELAP11408) CT (PH-0671) USACE
PA (68-00463) KY (90124)

NELAP ACCREDITED TNI LABORATORY

HC·V
HAMPTONCLARKE·VERITECH

2072518 0001

THIS CATEGORY "A" REPORT
IS NUMBERED FROM
1 to 144

HCV Case Narrative/Conformance Summary

Client: Cashin Associates
Project: 9051.010 Harrison LF

HCV Project: 2072518

Hampton-Clarke/Veritech (HC·V) received the following samples on July 25, 2012:

Client ID	HCV Sample ID	Matrix	Analysis
SW-1 U	AC67281-001	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
SW-1 F	AC67281-002	Aqueous	Not analyzed
SW-2 U	AC67281-003	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
SW-2 F	AC67281-004	Aqueous	Not analyzed
SW-4 U	AC67281-005	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
SW-4 F	AC67281-006	Aqueous	Not analyzed
SD-1	AC67281-007	Soil	VO (8260B), BNA (8270C), Metals (6010B, 7471A), Chloride (9056), Cyanide (9012B)
SD-2	AC67281-008	Soil	VO (8260B), BNA (8270C), Metals (6010B, 7471A), Chloride (9056), Cyanide (9012B)
SD-4	AC67281-009	Soil	VO (8260B), BNA (8270C), Metals (6010B, 7471A), Chloride (9056), Cyanide (9012B)
PC-2 U	AC67281-010	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
PC-2 F	AC67281-011	Aqueous	Metals (200.7, 245.1)
LMW-2 U	AC67281-012	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
LMW-2 F	AC67281-013	Aqueous	Metals (200.7, 245.1)
FB-1 LF U	AC67281-014	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
FB-1 LF F	AC67281-015	Aqueous	Not analyzed
LMW-4 U	AC67281-016	Aqueous	VO (624), BNA (625), Metals (200.7, 245.1), Chloride (300.0), Cyanide (335.4)
LMW-4 F	AC67281-017	Aqueous	Metals (200.7, 245.1)

Volatile Organic Analysis:

Acetone was recovered in sample AC67281-009 suggesting laboratory contamination.

The Matrix Spike and/or Matrix Spike Duplicate for batch 19327 had recoveries outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

Base Neutral/Acid Extractable Analysis:

The Matrix Spike/Matrix Spike Duplicate RPDs for batches 14969 and 14979 had recoveries outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

Sample AC67281-003 and 005 had one or more surrogates outside QC limits. The samples were re-extracted and re-analyzed confirming recoveries outside QC limits due to matrix interference. The initial analyses are reported.

Samples AC67281-001, 016 and WMB14969 had one or more surrogates outside QC limits.

Metals Analysis:

The serial dilution for batch 18151 is outside QC limits for one or more analytes, suggesting matrix interference.

The Matrix Spike and/or Matrix Spike Duplicate for batch 18149 had recoveries outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary. The serial dilution is also outside QC limits, suggesting matrix interference.

Wet Chemistry Analysis:

The Matrix Spike and/or Matrix Spike Duplicate for Cyanide batch 944 recovered outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary. In addition the RPD between the Sample and Sample Dup and MS/MSD RPD are outside QC limits.

The Matrix Spike and/or Matrix Spike Duplicate for Chloride batch 1079 recovered outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Robin Cousineau
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

8/20/12
Date

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056
NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | WV #353 | KY #90124

HC-V HamptonClarke-Veritech

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 2072518

Customer Information

1a) Customer: CASHIN ASSOCIATES, P.C.
Address: 1200 Veterans memorial Hwy
Hauppauge, NY 11788
1b) Email/Cell/Fax/Ph: KSomers@CA-PC.com
1c) Send Invoice to: Debbie Young
1d) Send Report to: Kimberly Somers

Project Information

2a) Project: 9051.010 Harrison Land fill
2b) Project Mgr: Greg Greene
2c) Project Location (City/State): Harrison, NY
2d) Quote/PO # (If Applicable): 9051.010

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
24 Hours (100%)	Data Summary	Hazsite/CSV
48 Hours (75%)	Waste	EQuIS 4-File / EZ / NYS
72 Hours (50%)	Red - NJ / NY / PA	EQuIS EPA Region 2 or 5
4 Days (35%; TPH)	CLP	Excel - NJ Regulatory
1 Week (25%; EPH)	Full / Category B	Excel - NY Regulatory
10 Days (10%)	Category A	Excel - PA Regulatory
2 Weeks	Other:	PDF
Other: STD		Other:

Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY

Batch #

Check If Contingent ===>

Matrix Codes
DW - Drinking Water; GW - Ground Water; WW - Waste Water; S - Soil; SL - Sludge; OL - Oil; A - Air; OT - Other (please specify under item 9, Comments)

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	7) Analysis Request: TCL VOC's	TCL SVOC's	TAL metals total	TAL metals Lab Filtered	Cyanide	Chloride
AC67281 -001/-002	SW-1	SW	7/25/12	1230		X	X	X	X	(1)	X	X
-003/-004	SW-2	SW	7/25/12	940		X	X	X	X	(1)	X	X
-005/-006	SW-4	SW	7/25/12	1430		X	X	X	X	(1)	X	X
-007	SD-1	S	7/25/12	1230		X	X	X	X	(1)	X	X
-008	SD-2	S	7/25/12	940		X	X	X	X	(1)	X	X
-009	SD-4	S	7/25/12	1430		X	X	X	X	(1)	X	X
-010/-011	PC-2	GW	7/25/12	910		X	X	X	X	X	X	X
-012/-013	LMW-2	GW	7/25/12	1330		X	X	X	(2)	(2)	X	X
-014/-015	FB-1 LF	W	7/25/12	1545		X	X	X	X	(1)	X	X
-016/-017	LMW-4	GW	7/25/12	1115		X	X	X	(2)	(2)	X	X

<=== Check If Contingent

8) # of Bottles

None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:

9) Comments

10) Relinquished by:

Accepted by:

Date	Time
7/25/12	1500
7/25/12	1655

Additional Notes

Please circle required parameter list (refer to HC-V summary): i) NJ 2008 SRS; ii) Current TCL; iii) HC-V 2010 Merged; iv) PA; v) NY; vi) Project-Specific

Comments, Notes, Special Requirements, HAZARDS

Note: Check if low-level groundwater methods required to meet current standards in NJ or PA:
- [ ] BN or BNA (8270C SIM)
- [ ] VOC (8260B SIM or 8011)
- [ ] Metals (ICP-MS 200.8 or 6020)
- [ ] Metals-Soil (ICP-MS 6020 for Be & Ag)

(1) NO dissolved metals analysis per M. Califano 7/26. DP 7/26/12
(2) Remove total metals analysis as per M. Califano 7/27. DP 7/27/12

Note: Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project

Cooler Temperature: 3.2 2.0

11) Sampler (print name): Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for ...

PROJECT MODIFICATIONS

Client: CASHIN
Project: 9051.010 Harrison LF

HCV Project #: 2072518

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debrapost192.168.1.51
7/26/2012 4:22:22 PM

Per Mark Califano 7/26/12 do not run dissolved metals on the following samples:
AC67281-002 (SW-1)
AC67281-004 (SW-2)
AC67281-006 (SW-4)
AC67281-007 (SD-1)
AC67281-008 (SD-2)
AC67281-009 (SD-4)
AC67281-015 (FB-1 LF) DP7/26/12

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7/27/2012 12:17:23 PM

Per Mark Califano 7/26/12 remove total metals from the Unfiltered sample of AC67281-

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debrapost192.168.1.51
7/27/2012 12:19:00 PM

Per Mark Califano 7/26/12 remove total metals from the Unfiltered samples AC67281-012 and -016.DP 7/27/12

CONDITION UPON RECEIPT

Batch Number AC67281

Entered By: Ricardo

Date Entered 7/25/2012 5:23:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.2C,2.0C
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Was temperature blank present (Place comment below if not)? If not was temperature of samples verified?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC67281

Entered By: Ricardo

Date Entered 7/25/2012 5:24:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC67281-001	40ML	G	VO	HCL	1
AC67281-001	1L	P	METALS	HNO3	1
AC67281-001	500ML	G	CN	NAOH	14
AC67281-002	NA	NA	NA	NA	NA
AC67281-002	NA	NA	NA	NA	NA
AC67281-002	NA	NA	NA	NA	NA
AC67281-003	40ML	G	VO	HCL	1
AC67281-003	1L	P	METALS	HNO3	1
AC67281-003	500ML	G	CN	NAOH	14
AC67281-004	NA	NA	NA	NA	NA
AC67281-004	NA	NA	NA	NA	NA
AC67281-004	NA	NA	NA	NA	NA
AC67281-005	40ML	G	VO	HCL	1
AC67281-005	1L	P	METALS	HNO3	1
AC67281-005	500ML	G	CN	NAOH	14
AC67281-006	NA	NA	NA	NA	NA
AC67281-006	NA	NA	NA	NA	NA
AC67281-006	NA	NA	NA	NA	NA
AC67281-007	NA	NA	NA	NA	NA
AC67281-007	NA	NA	NA	NA	NA
AC67281-007	NA	NA	NA	NA	NA
AC67281-008	NA	NA	NA	NA	NA
AC67281-008	NA	NA	NA	NA	NA
AC67281-008	NA	NA	NA	NA	NA
AC67281-009	NA	NA	NA	NA	NA
AC67281-009	NA	NA	NA	NA	NA
AC67281-009	NA	NA	NA	NA	NA
AC67281-010	40ML	G	VO	HCL	1
AC67281-010	1L	P	METALS	HNO3	1
AC67281-010	500ML	G	CN	NAOH	14
AC67281-011	NA	NA	NA	NA	NA
AC67281-011	NA	NA	NA	NA	NA
AC67281-011	NA	NA	NA	NA	NA
AC67281-012	40ML	G	VO	HCL	1
AC67281-012	1L	P	METALS	HNO3	1
AC67281-012	500ML	G	CN	NAOH	14
AC67281-013	NA	NA	NA	NA	NA
AC67281-013	NA	NA	NA	NA	NA
AC67281-013	NA	NA	NA	NA	NA
AC67281-014	40ML	G	VO	HCL	1
AC67281-014	1L	P	METALS	HNO3	1
AC67281-014	500ML	G	CN	NAOH	14
AC67281-015	NA	NA	NA	NA	NA
AC67281-015	NA	NA	NA	NA	NA
AC67281-015	NA	NA	NA	NA	NA
AC67281-016	40ML	G	VO	HCL	1
AC67281-016	1L	P	METALS	HNO3	1
AC67281-016	500ML	G	CN	NAOH	14
AC67281-017	NA	NA	NA	NA	NA
AC67281-017	NA	NA	NA	NA	NA
AC67281-017	NA	NA	NA	NA	NA

Internal Chain of Custody

2072516 000

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC67281-001	07/25/12 16:35	RICAR	0	M	Received
AC67281-001	07/25/12 17:21	RICAR	0	M	Login
AC67281-001	07/26/12 08:10	R31	1	A	NONE
AC67281-001	07/26/12 08:10	R31	2	A	NONE
AC67281-001	08/02/12 15:30	ABM	2	A	VOA
AC67281-001	07/26/12 08:10	R31	3	A	NONE
AC67281-001	07/31/12 08:22	JW	4	A	ic
AC67281-001	07/31/12 09:12	R12	4	A	NONE
AC67281-001	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-001	07/27/12 15:46	R12	5	A	NONE
AC67281-001	07/30/12 11:35	SRB	6	A	tdsw-hg
AC67281-001	07/30/12 12:50	R12	6	A	NONE
AC67281-001	07/31/12 13:49	NU	7	A	BN
AC67281-002	07/25/12 16:35	RICAR	0	M	Received
AC67281-002	07/25/12 17:21	RICAR	0	M	Login
AC67281-003	07/25/12 16:35	RICAR	0	M	Received
AC67281-003	07/25/12 17:21	RICAR	0	M	Login
AC67281-003	07/26/12 08:10	R31	1	A	NONE
AC67281-003	07/26/12 08:10	R31	2	A	NONE
AC67281-003	08/02/12 15:30	ABM	2	A	VOA
AC67281-003	07/26/12 08:10	R31	3	A	NONE
AC67281-003	07/31/12 08:22	JW	4	A	ic
AC67281-003	07/31/12 09:12	R12	4	A	NONE
AC67281-003	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-003	07/27/12 15:46	R12	5	A	NONE
AC67281-003	07/30/12 11:35	SRB	6	A	tdsw-hg
AC67281-003	07/30/12 12:50	R12	6	A	NONE
AC67281-003	08/01/12 09:56	BNA	7	A	KVR
AC67281-003	08/03/12 09:11	BNA	8	A	KVR
AC67281-004	07/25/12 16:35	RICAR	0	M	Received
AC67281-004	07/25/12 17:21	RICAR	0	M	Login
AC67281-005	07/25/12 16:35	RICAR	0	M	Received
AC67281-005	07/25/12 17:21	RICAR	0	M	Login
AC67281-005	07/26/12 08:10	R31	1	A	NONE
AC67281-005	07/26/12 08:10	R31	2	A	NONE
AC67281-005	08/02/12 15:30	ABM	2	A	VOA
AC67281-005	07/26/12 08:10	R31	3	A	NONE
AC67281-005	07/31/12 08:22	JW	4	A	ic
AC67281-005	07/31/12 09:12	R12	4	A	NONE
AC67281-005	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-005	07/27/12 15:46	R12	5	A	NONE
AC67281-005	07/30/12 11:35	SRB	6	A	tdsw-hg
AC67281-005	07/30/12 12:50	R12	6	A	NONE
AC67281-005	08/01/12 09:56	BNA	7	A	KVR
AC67281-005	08/03/12 10:53	NU	8	M	BNA
AC67281-005	08/03/12 10:53	NU	8	A	BN
AC67281-006	07/25/12 16:35	RICAR	0	M	Received
AC67281-006	07/25/12 17:21	RICAR	0	M	Login
AC67281-007	07/25/12 16:35	RICAR	0	M	Received
AC67281-007	07/25/12 17:21	RICAR	0	M	Login
AC67281-007	07/26/12 22:18	PA	1	A	mixing
AC67281-007	07/26/12 22:19	R12	1	A	NONE
AC67281-007	07/27/12 08:49	DW	1	A	%SOLIDS
AC67281-007	07/27/12 10:22	JU	1	A	tdsi-hg
AC67281-007	07/27/12 12:25	R12	1	A	NONE
AC67281-007	07/28/12 11:15	JW	1	A	ic
AC67281-007	07/28/12 12:19	R12	1	A	NONE
AC67281-007	07/30/12 09:36	NAN	1	A	CN-S-9012
AC67281-007	07/30/12 09:52	R12	1	A	NONE
AC67281-007	08/03/12 01:48	HJ	1	A	bn
AC67281-007	08/03/12 01:51	R12	1	A	NONE
AC67281-007	08/02/12 11:29	ABM	2	A	VOA
AC67281-007	08/02/12 11:43	R30	2	A	NONE
AC67281-007	08/02/12 11:44	F18	3	A	NONE
AC67281-007	08/02/12 12:50	ABM	4	A	VOA
AC67281-007	08/02/12 12:51	R31	4	A	NONE
AC67281-008	07/25/12 16:35	RICAR	0	M	Received
AC67281-008	07/25/12 17:21	RICAR	0	M	Login
AC67281-008	07/26/12 22:18	PA	1	A	mixing
AC67281-008	07/26/12 22:19	R12	1	A	NONE
AC67281-008	07/27/12 08:49	DW	1	A	%SOLIDS
AC67281-008	07/27/12 10:22	JU	1	A	tdsi-hg
AC67281-008	07/27/12 12:25	R12	1	A	NONE
AC67281-008	07/28/12 11:15	JW	1	A	ic
AC67281-008	07/28/12 12:19	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC67281-008	07/30/12 09:36	NAN	1	A	CN-S-9012
AC67281-008	07/30/12 09:52	R12	1	A	NONE
AC67281-008	08/03/12 01:48	HJ	1	A	bn
AC67281-008	08/03/12 01:51	R12	1	A	NONE
AC67281-008	08/02/12 11:29	ABM	2	A	VOA
AC67281-008	08/02/12 11:43	R30	2	A	NONE
AC67281-008	08/02/12 11:44	F18	3	A	NONE
AC67281-008	08/02/12 12:50	ABM	4	A	VOA
AC67281-008	08/02/12 12:51	R31	4	A	NONE
AC67281-009	07/25/12 16:35	RICAR	0	M	Received
AC67281-009	07/25/12 17:21	RICAR	0	M	Login
AC67281-009	07/26/12 22:18	PA	1	A	mixing
AC67281-009	07/26/12 22:19	R12	1	A	NONE
AC67281-009	07/27/12 08:49	DW	1	A	%SOLIDS
AC67281-009	07/27/12 10:22	JU	1	A	tdsi-hg
AC67281-009	07/27/12 12:25	R12	1	A	NONE
AC67281-009	07/28/12 11:15	JW	1	A	ic
AC67281-009	07/28/12 12:19	R12	1	A	NONE
AC67281-009	07/30/12 09:36	NAN	1	A	CN-S-9012
AC67281-009	07/30/12 09:52	R12	1	A	NONE
AC67281-009	08/03/12 01:48	HJ	1	A	bn
AC67281-009	08/03/12 01:51	R12	1	A	NONE
AC67281-009	08/02/12 11:29	ABM	2	A	VOA
AC67281-009	08/02/12 11:43	R30	2	A	NONE
AC67281-009	08/02/12 11:44	F18	3	A	NONE
AC67281-009	08/02/12 12:50	ABM	4	A	VOA
AC67281-009	08/02/12 12:51	R31	4	A	NONE
AC67281-010	07/25/12 16:35	RICAR	0	M	Received
AC67281-010	07/25/12 17:21	RICAR	0	M	Login
AC67281-010	07/26/12 08:10	R31	1	A	NONE
AC67281-010	07/26/12 08:10	R31	2	A	NONE
AC67281-010	08/02/12 15:30	ABM	2	A	VOA
AC67281-010	07/26/12 08:10	R31	3	A	NONE
AC67281-010	07/31/12 08:22	JW	4	A	ic
AC67281-010	07/31/12 09:12	R12	4	A	NONE
AC67281-010	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-010	07/27/12 15:46	R12	5	A	NONE
AC67281-010	07/30/12 11:35	SRB	6	A	tdsw-hg
AC67281-010	07/30/12 12:50	R12	6	A	NONE
AC67281-010	08/01/12 09:56	BNA	8	A	KVR
AC67281-011	07/25/12 16:35	RICAR	0	M	Received
AC67281-011	07/25/12 17:21	RICAR	0	M	Login
AC67281-011	07/27/12 17:14	RAMO	1	A	filter
AC67281-011	07/27/12 17:14	RAMO	1	A	r12
AC67281-011	07/30/12 11:35	SRB	1	A	tdsw-hg
AC67281-011	07/30/12 12:50	R12	1	A	NONE
AC67281-012	07/25/12 16:35	RICAR	0	M	Received
AC67281-012	07/25/12 17:21	RICAR	0	M	Login
AC67281-012	07/26/12 08:10	R31	1	A	NONE
AC67281-012	07/26/12 08:10	R31	2	A	NONE
AC67281-012	08/02/12 15:30	ABM	2	A	VOA
AC67281-012	07/26/12 08:10	R31	3	A	NONE
AC67281-012	07/31/12 08:22	JW	4	A	ic
AC67281-012	07/31/12 09:12	R12	4	A	NONE
AC67281-012	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-012	07/27/12 15:46	R12	5	A	NONE
AC67281-012	08/01/12 09:56	BNA	7	A	KVR
AC67281-012	08/01/12 12:44	R12	7	A	NONE
AC67281-012	08/01/12 09:56	BNA	8	A	KVR
AC67281-013	07/25/12 16:35	RICAR	0	M	Received
AC67281-013	07/25/12 17:21	RICAR	0	M	Login
AC67281-013	07/27/12 17:14	RAMO	1	A	r12
AC67281-013	07/27/12 17:14	RAMO	1	A	filter
AC67281-013	07/30/12 11:35	SRB	1	A	tdsw-hg
AC67281-013	07/30/12 12:50	R12	1	A	NONE
AC67281-014	07/25/12 16:35	RICAR	0	M	Received
AC67281-014	07/25/12 17:21	RICAR	0	M	Login
AC67281-014	07/26/12 08:10	R31	1	A	NONE
AC67281-014	07/26/12 08:10	R31	2	A	NONE
AC67281-014	08/01/12 14:01	SG	2	A	voa
AC67281-014	07/26/12 08:10	R31	3	A	NONE
AC67281-014	07/31/12 08:22	JW	4	A	ic
AC67281-014	07/31/12 09:12	R12	4	A	NONE
AC67281-014	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-014	07/27/12 15:46	R12	5	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Internal Chain of Custody

2072518 000

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC67281-014	07/30/12 11:35	SRB	6	A	tdsw-hg
AC67281-014	07/30/12 12:50	R12	6	A	NONE
AC67281-014	08/01/12 09:56	BNA	8	A	KVR
AC67281-015	07/25/12 16:35	RICAR	0	M	Received
AC67281-015	07/25/12 17:21	RICAR	0	M	Login
AC67281-016	07/25/12 16:35	RICAR	0	M	Received
AC67281-016	07/25/12 17:21	RICAR	0	M	Login
AC67281-016	07/26/12 08:10	R31	1	A	NONE
AC67281-016	07/26/12 08:10	R31	2	A	NONE
AC67281-016	08/02/12 15:30	ABM	2	A	VOA
AC67281-016	07/26/12 08:10	R31	3	A	NONE
AC67281-016	07/31/12 08:22	JW	4	A	ic
AC67281-016	07/31/12 09:12	R12	4	A	NONE
AC67281-016	07/27/12 08:41	NAN	5	A	cn-water-mur
AC67281-016	07/27/12 15:46	R12	5	A	NONE
AC67281-016	08/01/12 09:56	BNA	8	A	KVR
AC67281-017	07/25/12 16:35	RICAR	0	M	Received
AC67281-017	07/25/12 17:21	RICAR	0	M	Login
AC67281-017	07/27/12 17:14	RAMO	1	A	r12
AC67281-017	07/27/12 17:14	RAMO	1	A	filter
AC67281-017	07/30/12 11:35	SRB	1	A	tdsw-hg
AC67281-017	07/30/12 12:50	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Laboratory Chronicle

2072518 001

Client: Cashin Associates

Project: 9051.010 Harrison LF

HCV Project #: 2072518

Lab#: AC67281-001 **Sample ID: SW-1 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 15:27	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/30/12 16:49	JS
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:07	OA
Semivolatile Organics + 25 (625)	EPA 625	07/31/12	NU	EPA 625	8/1/12 11:28	AHD
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 11:37	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 21:18	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/2/12 22:53	WP

Lab#: AC67281-003 **Sample ID: SW-2 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 15:49	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/31/12 14:28	js
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:19	OA
Semivolatile Organics + 25 (625)	EPA 625	08/01/12	kvr	EPA 625	8/1/12 22:53	AHD
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 12:49	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 13:00	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 22:06	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 12:39	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/2/12 23:24	WP

Lab#: AC67281-005 **Sample ID: SW-4 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 16:11	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/31/12 14:30	js
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:20	OA
Semivolatile Organics + 25 (625)	EPA 625	08/01/12	NU	EPA 625	8/2/12 19:37	AHD
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 22:09	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 12:55	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 12:44	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/2/12 23:40	WP

Laboratory Chronicle

Client: Cashin Associates

Project: 9051.010 Harrison LF

HCV Project #: 2072518

Lab#: AC67281-007 **Sample ID: SD-1**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	7/27/12 00:00	janee
Chloride (Soil) 9056		07/28/12	Janee	EPA 9056A	7/28/12 20:49	Janee
Cyanide (Soil/Waste) 9012B	EPA 9012B	07/30/12	Neceta	EPA 9012B	7/30/12 15:57	js
Mercury (Soil/Waste) 7471A	EPA 7471A	07/27/12	julijana	EPA 7471A	7/30/12 16:30	OA
Semivolatile Organics + 25 (8270)	3510C/3550B	08/03/12	hj	EPA 8270C	8/5/12 20:36	AHD
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/30/12 16:26	OA
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/31/12 11:59	OA
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/28/12 01:55	OA
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 8260B	8/2/12 18:50	WP

Lab#: AC67281-008 **Sample ID: SD-2**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	7/27/12 00:00	janee
Chloride (Soil) 9056		07/28/12	Janee	EPA 9056A	7/28/12 21:11	Janee
Cyanide (Soil/Waste) 9012B	EPA 9012B	07/30/12	Neceta	EPA 9012B	7/30/12 15:59	js
Mercury (Soil/Waste) 7471A	EPA 7471A	07/27/12	julijana	EPA 7471A	7/30/12 16:31	OA
Semivolatile Organics + 25 (8270)	3510C/3550B	08/03/12	hj	EPA 8270C	8/5/12 20:12	AHD
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/31/12 12:02	OA
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/28/12 01:58	OA
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/30/12 16:06	OA
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 6010B	7/30/12 16:30	OA
				EPA 8260B	8/2/12 19:06	WP

Lab#: AC67281-009 **Sample ID: SD-4**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	7/27/12 00:00	janee
Chloride (Soil) 9056		07/28/12	Janee	EPA 9056A	7/28/12 21:34	Janee
Cyanide (Soil/Waste) 9012B	EPA 9012B	07/30/12	Neceta	EPA 9012B	7/30/12 16:01	js
Mercury (Soil/Waste) 7471A	EPA 7471A	07/27/12	julijana	EPA 7471A	7/30/12 16:33	OA
Semivolatile Organics + 25 (8270)	3510C/3550B	08/03/12	hj	EPA 8270C	8/5/12 19:47	AHD
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/31/12 12:05	OA
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/28/12 02:03	OA
TAL Metals 6010	3005&10/3050	07/27/12	julijana	EPA 6010B	7/30/12 16:34	OA
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 8260B	8/2/12 19:22	WP

Laboratory Chronicle

2072518 00

Client: Cashin Associates

Project: 9051.010 Harrison LF

HCV Project #: 2072518

Lab#: AC67281-010 **Sample ID: PC-2 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 16:34	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/31/12 14:32	js
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:22	OA
Semivolatile Organics + 25 (625)	EPA 625	08/01/12	kvr	EPA 625	8/1/12 18:55	AHD
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 13:13	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 22:11	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/3/12 01:29	WP

Lab#: AC67281-011 **Sample ID: PC-2 F**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:23	OA
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 22:14	SRB
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 13:17	SRB

Lab#: AC67281-012 **Sample ID: LMW-2 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 16:56	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/31/12 14:34	js
Semivolatile Organics + 25 (625)	EPA 625	08/01/12	kvr	EPA 625	8/1/12 17:56	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/2/12 23:08	WP

Lab#: AC67281-013 **Sample ID: LMW-2 F**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:25	OA
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 13:21	SRB
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 22:17	SRB

Laboratory Chronicle

2072518 001

Client: Cashin Associates

Project: 9051.010 Harrison LF

HCV Project #: 2072518

Lab#: AC67281-014 **Sample ID: FB-1 LF U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 14:19	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/31/12 14:41	js
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:26	OA
Semivolatile Organics + 25 (625)	EPA 625	08/01/12	kvr	EPA 625	8/1/12 19:17	AHD
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 22:21	SRB
TAL Metals 200.7	EPA 200.2	07/30/12	sean	200.7	8/3/12 13:25	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/1/12 17:26	WP

Lab#: AC67281-016 **Sample ID: LMW-4 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		07/31/12	Janee	300.0 rev2.1	7/31/12 17:18	Janee
Cyanide-Water (EPA 335.4)	EPA 335.4	07/27/12	Neceta	EPA 335.4	7/31/12 14:42	js
Semivolatile Organics + 25 (625)	EPA 625	08/01/12	kvr	EPA 625	8/1/12 19:39	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	8/3/12 01:13	WP

Lab#: AC67281-017 **Sample ID: LMW-4 F**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 245.1	245.1 rev3.0	07/30/12	sean	245.1 rev3.0	8/8/12 11:27	OA
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 22:24	SRB
TAL Metals 200.7/8	EPA 200.2	07/30/12	sean	200.7/200.8	8/3/12 13:29	SRB

HCV Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL* = Reporting Limit

ND = Not Detected

RT = Retention Time

NA = Not Applicable

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

B- Indicates analyte was present in the Method Blank and sample.

d- For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.

E- Indicates the concentration exceeded the upper calibration range of the instrument.

J- Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

HCV Report Of Analysis

Client: Cashin Associates
Project: 9051.010 Harrison LF

HCV Project #: 2072518

Sample ID: SW-1 U
Lab#: AC67281-001
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	5.8

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	2.0	ND
2,4-Dinitrotoluene	1	ug/l	10	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	2.0	ND
2-Nitroaniline	1	ug/l	0.50	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	2.0	ND
3,3'-Dichlorobenzidine	1	ug/l	0.50	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	2.0	ND
4-Bromophenyl-phenylether	1	ug/l	10	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	2.0	ND
4-Chlorophenyl-phenylether	1	ug/l	0.50	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-1 U
Lab#: AC67281-001
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	2.0	ND
Diethylphthalate	1	ug/l	0.50	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	2.0	ND
Di-n-octylphthalate	1	ug/l	0.50	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	2.0	ND
Nitrobenzene	1	ug/l	0.50	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.0	ND
N-Nitrosodiphenylamine	1	ug/l	0.50	ND
Pentachlorophenol	1	ug/l	2.0	ND
Phenanthrene	1	ug/l	10	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
unknown	**1**	**ug/l**	**5.12**	**14J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**14J**

TAL Metals 200.7

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**100**	**910**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**120**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**45000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**7100**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**14000**
Manganese	**1**	**ug/l**	**25**	**5000**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3200**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-1 U
Lab#: AC67281-001
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Sodium				
Thallium	**1**	**ug/l**	**2500**	**9400**
Vanadium	1	ug/l	5.0	ND
Zinc	1	ug/l	25	ND
	1	ug/l	25	ND

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	0.50	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	1.0	ND
2-Butanone	1	ug/l	50	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	1.0	ND
Benzene	1	ug/l	10	ND
Bromochloromethane	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	1.0	ND
o-Xylene	1	ug/l	0.50	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-1 U
Lab#: AC67281-001
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: SW-2 U
Lab#: AC67281-003
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	6.5

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	0.030

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	2.0	ND
2,4-Dinitrotoluene	1	ug/l	10	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	2.0	ND
2-Nitroaniline	1	ug/l	0.51	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	2.0	ND
3,3'-Dichlorobenzidine	1	ug/l	0.51	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	2.0	ND
4-Bromophenyl-phenylether	1	ug/l	10	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	2.0	ND
4-Chlorophenyl-phenylether	1	ug/l	0.51	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	2.0	ND
bis(2-Chloroisopropyl)ether	1	ug/l	0.51	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-2 U
Lab#: AC67281-003
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	2.0	ND
Diethylphthalate	1	ug/l	0.51	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	2.0	ND
Di-n-octylphthalate	1	ug/l	0.51	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	2.0	ND
Nitrobenzene	1	ug/l	0.51	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.0	ND
N-Nitrosodiphenylamine	1	ug/l	0.51	ND
Pentachlorophenol	1	ug/l	2.0	ND
Phenanthrene	1	ug/l	10	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
3-Penten-1-ol, 2-methyl-	**1**	**ug/l**	**3.78**	**4.7J**
unknown	**1**	**ug/l**	**5.14**	**28J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**33J**

TAL Metals 200.7

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**24000**
Antimony	1	ug/l	15	ND
Arsenic	1	ug/l	40	ND
Barium	**1**	**ug/l**	**50**	**4500**
Beryllium	1	ug/l	8.0	ND
Cadmium	**1**	**ug/l**	**4.0**	**5.3**
Calcium	**1**	**ug/l**	**2000**	**120000**
Chromium	2	ug/l	100	ND
Cobalt	**1**	**ug/l**	**20**	**41**
Copper	**1**	**ug/l**	**50**	**160**
Iron	**1**	**ug/l**	**300**	**140000**
Lead	**1**	**ug/l**	**10**	**130**
Magnesium	**1**	**ug/l**	**2000**	**33000**
Manganese	**4**	**ug/l**	**200**	**120000**
Nickel	**1**	**ug/l**	**20**	**75**
Potassium	**1**	**ug/l**	**5000**	**7200**
Selenium	2	ug/l	100	ND
Silver	2	ug/l	40	ND
Sodium	**1**	**ug/l**	**5000**	**13000**
Thallium	2	ug/l	20	ND
Vanadium	**1**	**ug/l**	**50**	**66**
Zinc	**1**	**ug/l**	**50**	**1200**

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result

Sample ID: SW-2 U
Lab#: AC67281-003
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-2 U
Lab#: AC67281-003
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

TotalVolatileTic	1	ug/l	NA	ND	

Sample ID: SW-4 U
Lab#: AC67281-005
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	6.6

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	2.0	ND
2,4-Dinitrotoluene	1	ug/l	10	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	2.0	ND
2-Nitroaniline	1	ug/l	0.50	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	2.0	ND
3,3'-Dichlorobenzidine	1	ug/l	0.50	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	2.0	ND
4-Bromophenyl-phenylether	1	ug/l	10	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	2.0	ND
4-Chlorophenyl-phenylether	1	ug/l	0.50	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-4 U
Lab#: AC67281-005
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
unknown	1	ug/l	10.21	4.0J
Heptacosane	1	ug/l	14.2	11J
Tetradecanal	1	ug/l	14.77	5.3J
Docosane	1	ug/l	14.98	5.0J
unknown	1	ug/l	15.35	11J
17-Octadecenal	1	ug/l	15.7	8.3J
unknown	1	ug/l	16.4	7.9J
1,1'-Biphenyl, 3-chloro-4-methoxy-	1	ug/l	16.54	4.7J
2-Pentanone, 4-hydroxy-4-methyl-	1	ug/l	4.34	94JA
TotalSemiVolatileTic	1	ug/l	NA	150J

TAL Metals 200.7

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	21000
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	1	ug/l	25	1100
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	3.9
Calcium	1	ug/l	1000	85000
Chromium	1	ug/l	25	46
Cobalt	1	ug/l	10	30
Copper	1	ug/l	25	81
Iron	1	ug/l	150	85000
Lead	1	ug/l	5.0	160
Magnesium	1	ug/l	1000	31000
Manganese	2	ug/l	50	39000
Nickel	1	ug/l	10	51
Potassium	1	ug/l	2500	7200
Selenium	1	ug/l	25	ND

NOTE: Soil Results are reported to Dry Weigh

Sample ID: SW-4 U
Lab#: AC67281-005
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**12000**
Thallium	2	ug/l	10	ND
Vanadium	**1**	**ug/l**	**25**	**63**
Zinc	**1**	**ug/l**	**25**	**450**

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND

Sample ID: SW-4 U
Lab#: AC67281-005
Matrix: Aqueous
Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: SD-1
Lab#: AC67281-007
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		67

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	30	ND

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	0.36	ND

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.12	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.10	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.10	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.10	ND
2,4,5-Trichlorophenol	1	mg/kg	0.10	ND
2,4,6-Trichlorophenol	1	mg/kg	0.10	ND
2,4-Dichlorophenol	1	mg/kg	0.025	ND
2,4-Dimethylphenol	1	mg/kg	0.10	ND
2,4-Dinitrophenol	1	mg/kg	0.50	ND
2,4-Dinitrotoluene	1	mg/kg	0.10	ND
2,6-Dinitrotoluene	1	mg/kg	0.10	ND
2-Chloronaphthalene	1	mg/kg	0.10	ND
2-Chlorophenol	1	mg/kg	0.10	ND
2-Methylnaphthalene	1	mg/kg	0.10	ND
2-Methylphenol	1	mg/kg	0.025	ND
2-Nitroaniline	1	mg/kg	0.10	ND
2-Nitrophenol	1	mg/kg	0.10	ND
3&4-Methylphenol	1	mg/kg	0.025	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.10	ND
3-Nitroaniline	1	mg/kg	0.10	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.50	ND
4-Bromophenyl-phenylether	1	mg/kg	0.10	ND
4-Chloro-3-methylphenol	1	mg/kg	0.10	ND
4-Chloroaniline	1	mg/kg	0.047	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.10	ND
4-Nitroaniline	1	mg/kg	0.10	ND
4-Nitrophenol	1	mg/kg	0.10	ND
Acenaphthene	1	mg/kg	0.10	ND
Acenaphthylene	1	mg/kg	0.10	ND
Acetophenone	1	mg/kg	0.10	ND
Anthracene	1	mg/kg	0.10	ND
Atrazine	1	mg/kg	0.10	ND
Benzaldehyde	1	mg/kg	0.10	ND
Benzo[a]anthracene	1	mg/kg	0.10	ND
Benzo[a]pyrene	1	mg/kg	0.10	ND
Benzo[b]fluoranthene	1	mg/kg	0.10	ND
Benzo[g,h,i]perylene	1	mg/kg	0.10	ND
Benzo[k]fluoranthene	1	mg/kg	0.10	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.10	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.025	ND

Sample ID: SD-1
Lab#: AC67281-007
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

bis(2-Chloroisopropyl)ether	1	mg/kg	0.10	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.10	ND
Butylbenzylphthalate	1	mg/kg	0.10	ND
Caprolactam	1	mg/kg	0.10	ND
Carbazole	1	mg/kg	0.10	ND
Chrysene	1	mg/kg	0.10	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.10	ND
Dibenzofuran	1	mg/kg	0.025	ND
Diethylphthalate	1	mg/kg	0.10	ND
Dimethylphthalate	1	mg/kg	0.10	ND
Di-n-butylphthalate	1	mg/kg	0.050	ND
Di-n-octylphthalate	1	mg/kg	0.10	ND
Fluoranthene	1	mg/kg	0.10	ND
Fluorene	1	mg/kg	0.10	ND
Hexachlorobenzene	1	mg/kg	0.10	ND
Hexachlorobutadiene	1	mg/kg	0.10	ND
Hexachlorocyclopentadiene	1	mg/kg	0.10	ND
Hexachloroethane	1	mg/kg	0.10	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.10	ND
Isophorone	1	mg/kg	0.10	ND
Naphthalene	1	mg/kg	0.025	ND
Nitrobenzene	1	mg/kg	0.10	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.025	ND
N-Nitrosodiphenylamine	1	mg/kg	0.10	ND
Pentachlorophenol	1	mg/kg	0.17	ND
Phenanthrene	1	mg/kg	0.10	ND
Phenol	1	mg/kg	0.10	ND
Pyrene	**1**	**mg/kg**	**0.10**	**0.10**

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
(E)- and (Z)-15-n-propyl-7,13-labdadien	**1**	**mg/kg**	**12.41**	**1.0J**
Undecane, 5-methyl-	**1**	**mg/kg**	**12.72**	**0.28J**
Hexacosane	**1**	**mg/kg**	**13.49**	**0.58J**
unknown	**1**	**mg/kg**	**13.85**	**0.27J**
Oxirane, tetradecyl-	**1**	**mg/kg**	**14.01**	**0.38J**
Eicosane	**1**	**mg/kg**	**14.22**	**0.64J**
Hexadecanal	**1**	**mg/kg**	**14.8**	**0.77J**
Eicosane	**1**	**mg/kg**	**15.02**	**0.68J**
unknown	**1**	**mg/kg**	**15.25**	**0.34J**
unknown	**1**	**mg/kg**	**15.37**	**0.39J**
Octadecanal	**1**	**mg/kg**	**15.75**	**0.61J**
unknown	**1**	**mg/kg**	**16.42**	**0.97J**
unknown	**1**	**mg/kg**	**16.6**	**0.29J**
unknown	**1**	**mg/kg**	**16.84**	**0.37J**
unknown	**1**	**mg/kg**	**16.91**	**0.26J**
unknown	**1**	**mg/kg**	**17.01**	**0.42J**
unknown	**1**	**mg/kg**	**17.06**	**1.9J**
Stigmast-4-en-3-one	**1**	**mg/kg**	**17.31**	**0.51J**
1,2-Propanediol	**1**	**mg/kg**	**3.11**	**0.26JB**
unknown	**1**	**mg/kg**	**4.1**	**3.6JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.43**	**140JAB**
unknown	**1**	**mg/kg**	**5.07**	**1.4JB**
Benzene, 1-ethyl-2-methyl-	**1**	**mg/kg**	**5.45**	**0.30JB**
Benzene, 1,3,5-trimethyl-	**1**	**mg/kg**	**5.7**	**0.39JB**
unknown	**1**	**mg/kg**	**6.81**	**0.45JB**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**160J**

Sample ID: SD-1
Lab#: AC67281-007
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**300**	**6900**
Antimony	1	mg/kg	3.0	ND
Arsenic	1	mg/kg	3.0	ND
Barium	**1**	**mg/kg**	**15**	**79**
Beryllium	1	mg/kg	0.90	ND
Cadmium	1	mg/kg	0.90	ND
Calcium	**1**	**mg/kg**	**1500**	**1500**
Chromium	**1**	**mg/kg**	**7.5**	**13**
Cobalt	**1**	**mg/kg**	**3.7**	**4.5**
Copper	**1**	**mg/kg**	**7.5**	**11**
Iron	**1**	**mg/kg**	**300**	**16000**
Lead	1	mg/kg	7.5	ND
Magnesium	**1**	**mg/kg**	**750**	**3700**
Manganese	**1**	**mg/kg**	**15**	**1300**
Nickel	**1**	**mg/kg**	**7.5**	**11**
Potassium	**1**	**mg/kg**	**750**	**2100**
Selenium	1	mg/kg	2.7	ND
Silver	1	mg/kg	2.2	ND
Sodium	1	mg/kg	370	ND
Thallium	1	mg/kg	1.8	ND
Vanadium	**1**	**mg/kg**	**15**	**19**
Zinc	**1**	**mg/kg**	**15**	**35**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.984	mg/kg	0.0029	ND
1,1,2,2-Tetrachloroethane	0.984	mg/kg	0.0029	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.984	mg/kg	0.0029	ND
1,1,2-Trichloroethane	0.984	mg/kg	0.0029	ND
1,1-Dichloroethane	0.984	mg/kg	0.0029	ND
1,1-Dichloroethene	0.984	mg/kg	0.0029	ND
1,2,3-Trichlorobenzene	0.984	mg/kg	0.0029	ND
1,2,4-Trichlorobenzene	0.984	mg/kg	0.0029	ND
1,2-Dibromo-3-chloropropane	0.984	mg/kg	0.0029	ND
1,2-Dibromoethane	0.984	mg/kg	0.0015	ND
1,2-Dichlorobenzene	0.984	mg/kg	0.0029	ND
1,2-Dichloroethane	0.984	mg/kg	0.0029	ND
1,2-Dichloropropane	0.984	mg/kg	0.0029	ND
1,3-Dichlorobenzene	0.984	mg/kg	0.0029	ND
1,4-Dichlorobenzene	0.984	mg/kg	0.0029	ND
1,4-Dioxane	0.984	mg/kg	0.15	ND
2-Butanone	0.984	mg/kg	0.0029	ND
2-Hexanone	0.984	mg/kg	0.0029	ND
4-Methyl-2-pentanone	0.984	mg/kg	0.0029	ND
Acetone	0.984	mg/kg	0.015	ND
Benzene	0.984	mg/kg	0.0015	ND
Bromochloromethane	0.984	mg/kg	0.0029	ND
Bromodichloromethane	0.984	mg/kg	0.0029	ND
Bromoform	0.984	mg/kg	0.0029	ND
Bromomethane	0.984	mg/kg	0.0029	ND
Carbon disulfide	0.984	mg/kg	0.0029	ND
Carbon tetrachloride	0.984	mg/kg	0.0029	ND
Chlorobenzene	0.984	mg/kg	0.0029	ND
Chloroethane	0.984	mg/kg	0.0029	ND

Sample ID: SD-1
Lab#: AC67281-007
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloroform	0.984	mg/kg	0.0029	ND
Chloromethane	0.984	mg/kg	0.0029	ND
cis-1,2-Dichloroethene	0.984	mg/kg	0.0029	ND
cis-1,3-Dichloropropene	0.984	mg/kg	0.0029	ND
Cyclohexane	0.984	mg/kg	0.0029	ND
Dibromochloromethane	0.984	mg/kg	0.0029	ND
Dichlorodifluoromethane	0.984	mg/kg	0.0029	ND
Ethylbenzene	0.984	mg/kg	0.0015	ND
Isopropylbenzene	0.984	mg/kg	0.0015	ND
m&p-Xylenes	0.984	mg/kg	0.0015	ND
Methyl Acetate	0.984	mg/kg	0.0029	ND
Methylcyclohexane	0.984	mg/kg	0.0029	ND
Methylene chloride	0.984	mg/kg	0.0029	ND
Methyl-t-butyl ether	0.984	mg/kg	0.0015	ND
o-Xylene	0.984	mg/kg	0.0015	ND
Styrene	0.984	mg/kg	0.0029	ND
Tetrachloroethene	0.984	mg/kg	0.0029	ND
Toluene	0.984	mg/kg	0.0015	ND
trans-1,2-Dichloroethene	0.984	mg/kg	0.0029	ND
trans-1,3-Dichloropropene	0.984	mg/kg	0.0029	ND
Trichloroethene	0.984	mg/kg	0.0029	ND
Trichlorofluoromethane	0.984	mg/kg	0.0029	ND
Vinyl chloride	0.984	mg/kg	0.0029	ND
Xylenes (Total)	0.984	mg/kg	0.0015	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
Cyclotetrasiloxane, octamethyl-	**0.984**	**mg/kg**	**6.73**	**0.0050J**
TotalVolatileTic	**0.984**	**mg/kg**	**NA**	**0.005J**

Sample ID: SD-2
Lab#: AC67281-008
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		14

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	140	ND

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	1.7	2.3

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.60	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.48	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.48	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.48	ND
2,4,5-Trichlorophenol	1	mg/kg	0.48	ND
2,4,6-Trichlorophenol	1	mg/kg	0.48	ND
2,4-Dichlorophenol	1	mg/kg	0.12	ND
2,4-Dimethylphenol	1	mg/kg	0.48	ND
2,4-Dinitrophenol	1	mg/kg	2.4	ND
2,4-Dinitrotoluene	1	mg/kg	0.48	ND
2,6-Dinitrotoluene	1	mg/kg	0.48	ND
2-Chloronaphthalene	1	mg/kg	0.48	ND
2-Chlorophenol	1	mg/kg	0.48	ND
2-Methylnaphthalene	1	mg/kg	0.48	ND
2-Methylphenol	1	mg/kg	0.12	ND
2-Nitroaniline	1	mg/kg	0.48	ND
2-Nitrophenol	1	mg/kg	0.48	ND
3&4-Methylphenol	1	mg/kg	0.12	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.48	ND
3-Nitroaniline	1	mg/kg	0.48	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	2.4	ND
4-Bromophenyl-phenylether	1	mg/kg	0.48	ND
4-Chloro-3-methylphenol	1	mg/kg	0.48	ND
4-Chloroaniline	1	mg/kg	0.23	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.48	ND
4-Nitroaniline	1	mg/kg	0.48	ND
4-Nitrophenol	1	mg/kg	0.48	ND
Acenaphthene	1	mg/kg	0.48	ND
Acenaphthylene	1	mg/kg	0.48	ND
Acetophenone	1	mg/kg	0.48	ND
Anthracene	1	mg/kg	0.48	ND
Atrazine	1	mg/kg	0.48	ND
Benzaldehyde	1	mg/kg	0.48	ND
Benzo[a]anthracene	1	mg/kg	0.48	ND
Benzo[a]pyrene	1	mg/kg	0.48	ND
Benzo[b]fluoranthene	1	mg/kg	0.48	ND
Benzo[g,h,i]perylene	1	mg/kg	0.48	ND
Benzo[k]fluoranthene	1	mg/kg	0.48	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.48	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.12	ND

Sample ID: SD-2
Lab#: AC67281-008
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

bis(2-Chloroisopropyl)ether	1	mg/kg	0.48	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.48	ND
Butylbenzylphthalate	1	mg/kg	0.48	ND
Caprolactam	1	mg/kg	0.48	ND
Carbazole	1	mg/kg	0.48	ND
Chrysene	1	mg/kg	0.48	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.48	ND
Dibenzofuran	1	mg/kg	0.12	ND
Diethylphthalate	1	mg/kg	0.48	ND
Dimethylphthalate	1	mg/kg	0.48	ND
Di-n-butylphthalate	1	mg/kg	0.24	ND
Di-n-octylphthalate	1	mg/kg	0.48	ND
Fluoranthene	1	mg/kg	0.48	ND
Fluorene	1	mg/kg	0.48	ND
Hexachlorobenzene	1	mg/kg	0.48	ND
Hexachlorobutadiene	1	mg/kg	0.48	ND
Hexachlorocyclopentadiene	1	mg/kg	0.48	ND
Hexachloroethane	1	mg/kg	0.48	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.48	ND
Isophorone	1	mg/kg	0.48	ND
Naphthalene	1	mg/kg	0.12	ND
Nitrobenzene	1	mg/kg	0.48	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.12	ND
N-Nitrosodiphenylamine	1	mg/kg	0.48	ND
Pentachlorophenol	1	mg/kg	0.80	ND
Phenanthrene	1	mg/kg	0.48	ND
Phenol	1	mg/kg	0.48	ND
Pyrene	1	mg/kg	0.48	ND

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
1-Nonadecene	1	mg/kg	12.72	7.5J
Tetradecanal	1	mg/kg	13.27	3.9J
Tridecane, 7-hexyl-	1	mg/kg	13.49	26J
Hexatriacontane	1	mg/kg	13.86	3.2J
10-DEMETHYLSQUALENE	1	mg/kg	13.93	2.8J
Tetradecanal	1	mg/kg	14.02	13J
Pentadecane, 8-hexyl-	1	mg/kg	14.22	26J
Tetracosanolide	1	mg/kg	14.25	8.1J
2,2-DIDEUTERO OCTADECANAL	1	mg/kg	14.8	14J
Tetratetracontane	1	mg/kg	15.02	8.1J
3-Eicosene, (E)-	1	mg/kg	15.07	3.2J
unknown	1	mg/kg	15.13	2.9J
Vitamin E	1	mg/kg	15.25	4.4J
Cholest-5-en-3-ol (3.beta.)-	1	mg/kg	15.38	3.8J
Tetradecanal	1	mg/kg	15.75	9.6J
unknown	1	mg/kg	15.96	3.8J
unknown	1	mg/kg	16.1	3.1J
Stigmast-5-en-3-ol, (3.beta.,24S)-	1	mg/kg	16.43	18J
6-Acetyl-5-hydroxy-1,8-dimethyl-1,2,3,4	1	mg/kg	16.61	3.5J
unknown	1	mg/kg	16.76	3.8J
[2S-(2-.alpha.,4a-.beta.,5-.alpha.,8-.a	1	mg/kg	16.84	3.7J
(24R)-4-STIGMASTEN-3-ONE	1	mg/kg	17.31	9.3J
unknown	1	mg/kg	4.1	21JB
2-Pentanone, 4-hydroxy-4-methyl-	1	mg/kg	4.44	790JAB
unknown	1	mg/kg	5.07	8.0JB
TotalSemiVolatileTic	1	mg/kg	NA	1000J

Sample ID: SD-2
Lab#: AC67281-008
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**1400**	**11000**
Antimony	1	mg/kg	14	ND
Arsenic	1	mg/kg	14	ND
Barium	**1**	**mg/kg**	**71**	**820**
Beryllium	1	mg/kg	4.3	ND
Cadmium	1	mg/kg	4.3	ND
Calcium	**1**	**mg/kg**	**7100**	**16000**
Chromium	1	mg/kg	36	ND
Cobalt	1	mg/kg	18	ND
Copper	**1**	**mg/kg**	**36**	**37**
Iron	**1**	**mg/kg**	**1400**	**78000**
Lead	**1**	**mg/kg**	**36**	**61**
Magnesium	**1**	**mg/kg**	**3600**	**5800**
Manganese	**2**	**mg/kg**	**140**	**35000**
Nickel	1	mg/kg	36	ND
Potassium	1	mg/kg	3600	ND
Selenium	1	mg/kg	13	ND
Silver	1	mg/kg	11	ND
Sodium	1	mg/kg	1800	ND
Thallium	1	mg/kg	8.6	ND
Vanadium	1	mg/kg	71	ND
Zinc	**1**	**mg/kg**	**71**	**240**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.967	mg/kg	0.014	ND
1,1,2,2-Tetrachloroethane	0.967	mg/kg	0.014	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.967	mg/kg	0.014	ND
1,1,2-Trichloroethane	0.967	mg/kg	0.014	ND
1,1-Dichloroethane	0.967	mg/kg	0.014	ND
1,1-Dichloroethene	0.967	mg/kg	0.014	ND
1,2,3-Trichlorobenzene	0.967	mg/kg	0.014	ND
1,2,4-Trichlorobenzene	0.967	mg/kg	0.014	ND
1,2-Dibromo-3-chloropropane	0.967	mg/kg	0.014	ND
1,2-Dibromoethane	0.967	mg/kg	0.0069	ND
1,2-Dichlorobenzene	0.967	mg/kg	0.014	ND
1,2-Dichloroethane	0.967	mg/kg	0.014	ND
1,2-Dichloropropane	0.967	mg/kg	0.014	ND
1,3-Dichlorobenzene	0.967	mg/kg	0.014	ND
1,4-Dichlorobenzene	0.967	mg/kg	0.014	ND
1,4-Dioxane	0.967	mg/kg	0.69	ND
2-Butanone	0.967	mg/kg	0.014	ND
2-Hexanone	0.967	mg/kg	0.014	ND
4-Methyl-2-pentanone	0.967	mg/kg	0.014	ND
Acetone	0.967	mg/kg	0.069	ND
Benzene	0.967	mg/kg	0.0069	ND
Bromochloromethane	0.967	mg/kg	0.014	ND
Bromodichloromethane	0.967	mg/kg	0.014	ND
Bromoform	0.967	mg/kg	0.014	ND
Bromomethane	0.967	mg/kg	0.014	ND
Carbon disulfide	0.967	mg/kg	0.014	ND
Carbon tetrachloride	0.967	mg/kg	0.014	ND
Chlorobenzene	0.967	mg/kg	0.014	ND
Chloroethane	0.967	mg/kg	0.014	ND

Sample ID: SD-2
Lab#: AC67281-008
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloroform	0.967	mg/kg	0.014	ND
Chloromethane	0.967	mg/kg	0.014	ND
cis-1,2-Dichloroethene	0.967	mg/kg	0.014	ND
cis-1,3-Dichloropropene	0.967	mg/kg	0.014	ND
Cyclohexane	0.967	mg/kg	0.014	ND
Dibromochloromethane	0.967	mg/kg	0.014	ND
Dichlorodifluoromethane	0.967	mg/kg	0.014	ND
Ethylbenzene	0.967	mg/kg	0.0069	ND
Isopropylbenzene	0.967	mg/kg	0.0069	ND
m&p-Xylenes	0.967	mg/kg	0.0069	ND
Methyl Acetate	0.967	mg/kg	0.014	ND
Methylcyclohexane	0.967	mg/kg	0.014	ND
Methylene chloride	0.967	mg/kg	0.014	ND
Methyl-t-butyl ether	0.967	mg/kg	0.0069	ND
o-Xylene	0.967	mg/kg	0.0069	ND
Styrene	0.967	mg/kg	0.014	ND
Tetrachloroethene	0.967	mg/kg	0.014	ND
Toluene	0.967	mg/kg	0.0069	ND
trans-1,2-Dichloroethene	0.967	mg/kg	0.014	ND
trans-1,3-Dichloropropene	0.967	mg/kg	0.014	ND
Trichloroethene	0.967	mg/kg	0.014	ND
Trichlorofluoromethane	0.967	mg/kg	0.014	ND
Vinyl chloride	0.967	mg/kg	0.014	ND
Xylenes (Total)	0.967	mg/kg	0.0069	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
Cyclotetrasiloxane, octamethyl-	**0.967**	**mg/kg**	**6.74**	**0.028J**
TotalVolatileTic	**0.967**	**mg/kg**	**NA**	**0.028J**

Sample ID: SD-4
Lab#: AC67281-009
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		31

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	65	ND

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	0.77	ND

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.27	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.22	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.22	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.22	ND
2,4,5-Trichlorophenol	1	mg/kg	0.22	ND
2,4,6-Trichlorophenol	1	mg/kg	0.22	ND
2,4-Dichlorophenol	1	mg/kg	0.054	ND
2,4-Dimethylphenol	1	mg/kg	0.22	ND
2,4-Dinitrophenol	1	mg/kg	1.1	ND
2,4-Dinitrotoluene	1	mg/kg	0.22	ND
2,6-Dinitrotoluene	1	mg/kg	0.22	ND
2-Chloronaphthalene	1	mg/kg	0.22	ND
2-Chlorophenol	1	mg/kg	0.22	ND
2-Methylnaphthalene	1	mg/kg	0.22	ND
2-Methylphenol	1	mg/kg	0.054	ND
2-Nitroaniline	1	mg/kg	0.22	ND
2-Nitrophenol	1	mg/kg	0.22	ND
3&4-Methylphenol	1	mg/kg	0.054	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.22	ND
3-Nitroaniline	1	mg/kg	0.22	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	1.1	ND
4-Bromophenyl-phenylether	1	mg/kg	0.22	ND
4-Chloro-3-methylphenol	1	mg/kg	0.22	ND
4-Chloroaniline	1	mg/kg	0.10	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.22	ND
4-Nitroaniline	1	mg/kg	0.22	ND
4-Nitrophenol	1	mg/kg	0.22	ND
Acenaphthene	1	mg/kg	0.22	ND
Acenaphthylene	1	mg/kg	0.22	ND
Acetophenone	1	mg/kg	0.22	ND
Anthracene	1	mg/kg	0.22	ND
Atrazine	1	mg/kg	0.22	ND
Benzaldehyde	1	mg/kg	0.22	ND
Benzo[a]anthracene	1	mg/kg	0.22	ND
Benzo[a]pyrene	1	mg/kg	0.22	ND
Benzo[b]fluoranthene	1	mg/kg	0.22	ND
Benzo[g,h,i]perylene	1	mg/kg	0.22	ND
Benzo[k]fluoranthene	1	mg/kg	0.22	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.22	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.054	ND

Sample ID: SD-4
Lab#: AC67281-009
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

bis(2-Chloroisopropyl)ether	1	mg/kg	0.22	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.22	ND
Butylbenzylphthalate	1	mg/kg	0.22	ND
Caprolactam	1	mg/kg	0.22	ND
Carbazole	1	mg/kg	0.22	ND
Chrysene	1	mg/kg	0.22	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.22	ND
Dibenzofuran	1	mg/kg	0.054	ND
Diethylphthalate	1	mg/kg	0.22	ND
Dimethylphthalate	1	mg/kg	0.22	ND
Di-n-butylphthalate	1	mg/kg	0.11	ND
Di-n-octylphthalate	1	mg/kg	0.22	ND
Fluoranthene	1	mg/kg	0.22	ND
Fluorene	1	mg/kg	0.22	ND
Hexachlorobenzene	1	mg/kg	0.22	ND
Hexachlorobutadiene	1	mg/kg	0.22	ND
Hexachlorocyclopentadiene	1	mg/kg	0.22	ND
Hexachloroethane	1	mg/kg	0.22	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.22	ND
Isophorone	1	mg/kg	0.22	ND
Naphthalene	1	mg/kg	0.054	ND
Nitrobenzene	1	mg/kg	0.22	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.054	ND
N-Nitrosodiphenylamine	1	mg/kg	0.22	ND
Pentachlorophenol	1	mg/kg	0.36	ND
Phenanthrene	1	mg/kg	0.22	ND
Phenol	1	mg/kg	0.22	ND
Pyrene	**1**	**mg/kg**	**0.22**	**0.28**

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
Tetratetracontane	1	mg/kg	12.72	3.2J
Tetracosane, 3-ethyl-	1	mg/kg	13.49	5.1J
16-Octadecenal	1	mg/kg	14.02	4.7J
Octacosane	1	mg/kg	14.22	10J
Cyclotetracosane	1	mg/kg	14.25	3.2J
Tetradecanal	1	mg/kg	14.8	7.4J
Heptacosane	1	mg/kg	15.02	6.5J
17-Pentatriacontene	1	mg/kg	15.08	2.2J
Vitamin E	1	mg/kg	15.26	4.0J
unknown	1	mg/kg	15.38	1.8J
10-Octadecenal	1	mg/kg	15.76	5.8J
unknown	1	mg/kg	15.95	1.9J
Heptadecane, 9-octyl-	1	mg/kg	16.02	4.0J
unknown	1	mg/kg	16.09	2.3J
Stigmast-5-en-3-ol, (3.beta.,24S)-	1	mg/kg	16.43	12J
1,2,3,3a,5,6,6a,7-Octahydro-1,3a,6-trim	1	mg/kg	16.61	3.3J
unknown	1	mg/kg	16.77	3.0J
2-Chloro-p-methoxybiphenyl	1	mg/kg	16.84	16J
D:C-Friedooleanan-3-one	1	mg/kg	16.92	6.0J
Cycloheptadecanol	1	mg/kg	17.01	2.0J
Ethynyl (1R*,2R*,5S*)-5,8,8-trimethylbi	1	mg/kg	17.14	19J
(24R)-4-STIGMASTEN-3-ONE	1	mg/kg	17.32	6.1J
unknown	1	mg/kg	4.12	12JB
2-Pentanone, 4-hydroxy-4-methyl-	1	mg/kg	4.45	440JAB
unknown	1	mg/kg	5.07	4.6JB
TotalSemiVolatileTic	1	mg/kg	NA	590J

Sample ID: SD-4
Lab#: AC67281-009
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**650**	**11000**
Antimony	1	mg/kg	6.5	ND
Arsenic	1	mg/kg	6.5	ND
Barium	**1**	**mg/kg**	**32**	**220**
Beryllium	1	mg/kg	1.9	ND
Cadmium	1	mg/kg	1.9	ND
Calcium	**1**	**mg/kg**	**3200**	**17000**
Chromium	**1**	**mg/kg**	**16**	**27**
Cobalt	**1**	**mg/kg**	**8.1**	**8.8**
Copper	**1**	**mg/kg**	**16**	**25**
Iron	**1**	**mg/kg**	**650**	**33000**
Lead	**1**	**mg/kg**	**16**	**57**
Magnesium	**1**	**mg/kg**	**1600**	**12000**
Manganese	**1**	**mg/kg**	**32**	**8000**
Nickel	**1**	**mg/kg**	**16**	**23**
Potassium	**1**	**mg/kg**	**1600**	**1800**
Selenium	1	mg/kg	5.8	ND
Silver	1	mg/kg	4.8	ND
Sodium	1	mg/kg	810	ND
Thallium	1	mg/kg	3.9	ND
Vanadium	**1**	**mg/kg**	**32**	**38**
Zinc	**1**	**mg/kg**	**32**	**140**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.998	mg/kg	0.0064	ND
1,1,2,2-Tetrachloroethane	0.998	mg/kg	0.0064	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.998	mg/kg	0.0064	ND
1,1,2-Trichloroethane	0.998	mg/kg	0.0064	ND
1,1-Dichloroethane	0.998	mg/kg	0.0064	ND
1,1-Dichloroethene	0.998	mg/kg	0.0064	ND
1,2,3-Trichlorobenzene	0.998	mg/kg	0.0064	ND
1,2,4-Trichlorobenzene	0.998	mg/kg	0.0064	ND
1,2-Dibromo-3-chloropropane	0.998	mg/kg	0.0064	ND
1,2-Dibromoethane	0.998	mg/kg	0.0032	ND
1,2-Dichlorobenzene	0.998	mg/kg	0.0064	ND
1,2-Dichloroethane	0.998	mg/kg	0.0064	ND
1,2-Dichloropropane	0.998	mg/kg	0.0064	ND
1,3-Dichlorobenzene	0.998	mg/kg	0.0064	ND
1,4-Dichlorobenzene	0.998	mg/kg	0.0064	ND
1,4-Dioxane	0.998	mg/kg	0.32	ND
2-Butanone	0.998	mg/kg	0.0064	ND
2-Hexanone	0.998	mg/kg	0.0064	ND
4-Methyl-2-pentanone	0.998	mg/kg	0.0064	ND
Acetone	**0.998**	**mg/kg**	**0.032**	**0.12**
Benzene	0.998	mg/kg	0.0032	ND
Bromochloromethane	0.998	mg/kg	0.0064	ND
Bromodichloromethane	0.998	mg/kg	0.0064	ND
Bromoform	0.998	mg/kg	0.0064	ND
Bromomethane	0.998	mg/kg	0.0064	ND
Carbon disulfide	0.998	mg/kg	0.0064	ND
Carbon tetrachloride	0.998	mg/kg	0.0064	ND
Chlorobenzene	0.998	mg/kg	0.0064	ND
Chloroethane	0.998	mg/kg	0.0064	ND

Sample ID: SD-4
Lab#: AC67281-009
Matrix: Soil

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloroform	0.998	mg/kg	0.0064	ND
Chloromethane	0.998	mg/kg	0.0064	ND
cis-1,2-Dichloroethene	0.998	mg/kg	0.0064	ND
cis-1,3-Dichloropropene	0.998	mg/kg	0.0064	ND
Cyclohexane	0.998	mg/kg	0.0064	ND
Dibromochloromethane	0.998	mg/kg	0.0064	ND
Dichlorodifluoromethane	0.998	mg/kg	0.0064	ND
Ethylbenzene	0.998	mg/kg	0.0032	ND
Isopropylbenzene	0.998	mg/kg	0.0032	ND
m&p-Xylenes	0.998	mg/kg	0.0032	ND
Methyl Acetate	0.998	mg/kg	0.0064	ND
Methylcyclohexane	0.998	mg/kg	0.0064	ND
Methylene chloride	0.998	mg/kg	0.0064	ND
Methyl-t-butyl ether	0.998	mg/kg	0.0032	ND
o-Xylene	0.998	mg/kg	0.0032	ND
Styrene	0.998	mg/kg	0.0064	ND
Tetrachloroethene	0.998	mg/kg	0.0064	ND
Toluene	**0.998**	**mg/kg**	**0.0032**	**0.0059**
trans-1,2-Dichloroethene	0.998	mg/kg	0.0064	ND
trans-1,3-Dichloropropene	0.998	mg/kg	0.0064	ND
Trichloroethene	0.998	mg/kg	0.0064	ND
Trichlorofluoromethane	0.998	mg/kg	0.0064	ND
Vinyl chloride	0.998	mg/kg	0.0064	ND
Xylenes (Total)	0.998	mg/kg	0.0032	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
Benzene, 1-methyl-4-(1-methylethyl)-	**0.998**	**mg/kg**	**7.29**	**0.011J**
TotalVolatileTic	**0.998**	**mg/kg**	**NA**	**0.011J**

Sample ID: PC-2 U
Lab#: AC67281-010
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	23

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.51	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.51	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.51	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.51	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND

Sample ID: PC-2 U
Lab#: AC67281-010
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.51	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.51	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.51	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.51	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

TAL Metals 200.7

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**100**	**12000**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**330**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**81000**
Chromium	**1**	**ug/l**	**25**	**34**
Cobalt	**1**	**ug/l**	**10**	**18**
Copper	**1**	**ug/l**	**25**	**27**
Iron	**1**	**ug/l**	**150**	**86000**
Lead	**1**	**ug/l**	**5.0**	**16**
Magnesium	**1**	**ug/l**	**1000**	**27000**
Manganese	**1**	**ug/l**	**25**	**9100**
Nickel	**1**	**ug/l**	**10**	**26**
Potassium	**1**	**ug/l**	**2500**	**6800**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**43000**
Thallium	1	ug/l	5.0	ND
Vanadium	**1**	**ug/l**	**25**	**46**
Zinc	**1**	**ug/l**	**25**	**62**

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND

Sample ID: PC-2 U
Lab#: AC67281-010
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: PC-2 F
Lab#: AC67281-011
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**130**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**77000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**25000**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**22000**
Manganese	**1**	**ug/l**	**25**	**8800**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**4800**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**43000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: LMW-2 U
Lab#: AC67281-012
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	13

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND

Sample ID: LMW-2 U
Lab#: AC67281-012
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND

Sample ID: LMW-2 U
Lab#: AC67281-012
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: LMW-2 F
Lab#: AC67281-013
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**120**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**74000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	1	ug/l	150	ND
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**29000**
Manganese	**1**	**ug/l**	**25**	**210**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3700**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**27000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: FB-1 LF U
Lab#: AC67281-014
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	ND

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.51	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.51	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.51	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.51	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND

Sample ID: FB-1 LF U
Lab#: AC67281-014
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.51	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.51	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.51	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.51	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

TAL Metals 200.7

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	1	ug/l	25	ND
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	1	ug/l	1000	ND
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	1	ug/l	150	ND
Lead	1	ug/l	5.0	ND
Magnesium	1	ug/l	1000	ND
Manganese	1	ug/l	25	ND
Nickel	1	ug/l	10	ND
Potassium	1	ug/l	2500	ND
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	1	ug/l	2500	ND
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND

Sample ID: FB-1 LF U
Lab#: AC67281-014
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: LMW-4 U
Lab#: AC67281-016
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	2.0	15

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.020	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.51	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.51	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.51	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.51	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.51	ND

Sample ID: LMW-4 U
Lab#: AC67281-016
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.51	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.51	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.51	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalSemiVolatileTic	1	ug/l	NA	ND

Volatile Organics + 10 (624)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	5.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND

Sample ID: LMW-4 U
Lab#: AC67281-016
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Volatile Organics + 10 (624) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	1	ug/l	NA	ND
TotalVolatileTic	1	ug/l	NA	ND

Sample ID: LMW-4 F
Lab#: AC67281-017
Matrix: Aqueous

Collection Date: 7/25/2012
Receipt Date: 7/25/2012

Mercury (Water) 245.1

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.20	ND

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	100	ND
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**160**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**60000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**72000**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**25000**
Manganese	**1**	**ug/l**	**25**	**14000**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3800**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**31000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M15696.D
Analysis Date: 08/01/12 08:15
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 3M15696.D
Analysis Date: 08/01/12 08:15
Date Rec/Extracted:

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M15789.D
Analysis Date: 08/02/12 08:16
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 3M15789.D
Analysis Date: 08/02/12 08:16
Date Rec/Extracted:

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M86758.D
Analysis Date: 08/02/12 08:23
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0020	U	56-23-5	Carbon Tetrachloride	0.0020	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0020	U	108-90-7	Chlorobenzene	0.0020	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0020	U	75-00-3	Chloroethane	0.0020	U
79-00-5	1,1,2-Trichloroethane	0.0020	U	67-66-3	Chloroform	0.0020	U
75-34-3	1,1-Dichloroethane	0.0020	U	74-87-3	Chloromethane	0.0020	U
75-35-4	1,1-Dichloroethene	0.0020	U	156-59-2	cis-1,2-Dichloroethene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0020	U	10061-01-5	cis-1,3-Dichloropropene	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.0020	U	110-82-7	Cyclohexane	0.0020	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0020	U	124-48-1	Dibromochloromethane	0.0020	U
106-93-4	1,2-Dibromoethane	0.0010	U	75-71-8	Dichlorodifluoromethane	0.0020	U
95-50-1	1,2-Dichlorobenzene	0.0020	U	100-41-4	Ethylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0020	U	98-82-8	Isopropylbenzene	0.0010	U
78-87-5	1,2-Dichloropropane	0.0020	U	136777612	m&p-Xylenes	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0020	U	79-20-9	Methyl Acetate	0.0020	U
106-46-7	1,4-Dichlorobenzene	0.0020	U	108-87-2	Methylcyclohexane	0.0020	U
123-91-1	1,4-Dioxane	0.10	U	75-09-2	Methylene Chloride	0.0020	U
78-93-3	2-Butanone	0.0020	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
591-78-6	2-Hexanone	0.0020	U	95-47-6	o-Xylene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0020	U	100-42-5	Styrene	0.0020	U
67-64-1	Acetone	0.010	U	127-18-4	Tetrachloroethene	0.0020	U
71-43-2	Benzene	0.0010	U	108-88-3	Toluene	0.0010	U
74-97-5	Bromochloromethane	0.0020	U	156-60-5	trans-1,2-Dichloroethene	0.0020	U
75-27-4	Bromodichloromethane	0.0020	U	10061-02-6	trans-1,3-Dichloropropene	0.0020	U
75-25-2	Bromoform	0.0020	U	79-01-6	Trichloroethene	0.0020	U
74-83-9	Bromomethane	0.0020	U	75-69-4	Trichlorofluoromethane	0.0020	U
75-15-0	Carbon Disulfide	0.0020	U	75-01-4	Vinyl Chloride	0.0020	U

Worksheet #: 236116

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK	Matrix: Soil
Client Id:	Initial Vol: 5g
Data File: 6M86758.D	Final Vol: NA
Analysis Date: 08/02/12 08:23	Dilution: 1.00
Date Rec/Extracted:	Solids: 100
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236116

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-001
Client Id: SW-1 U
Data File: 3M15843.D
Analysis Date: 08/02/12 22:53
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-001
Client Id: SW-1 U
Data File: 3M15843.D
Analysis Date: 08/02/12 22:53
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-003
Client Id: SW-2 U
Data File: 3M15845.D
Analysis Date: 08/02/12 23:24
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-003
Client Id: SW-2 U
Data File: 3M15845.D
Analysis Date: 08/02/12 23:24
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-005
Client Id: SW-4 U
Data File: 3M15846.D
Analysis Date: 08/02/12 23:40
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-005
Client Id: SW-4 U
Data File: 3M15846.D
Analysis Date: 08/02/12 23:40
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-007
Client Id: SD-1
Data File: 6M86797.D
Analysis Date: 08/02/12 18:50
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 67

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0029	U	56-23-5	Carbon Tetrachloride	0.0029	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0029	U	108-90-7	Chlorobenzene	0.0029	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0029	U	75-00-3	Chloroethane	0.0029	U
79-00-5	1,1,2-Trichloroethane	0.0029	U	67-66-3	Chloroform	0.0029	U
75-34-3	1,1-Dichloroethane	0.0029	U	74-87-3	Chloromethane	0.0029	U
75-35-4	1,1-Dichloroethene	0.0029	U	156-59-2	cis-1,2-Dichloroethene	0.0029	U
87-61-6	1,2,3-Trichlorobenzene	0.0029	U	10061-01-5	cis-1,3-Dichloropropene	0.0029	U
120-82-1	1,2,4-Trichlorobenzene	0.0029	U	110-82-7	Cyclohexane	0.0029	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0029	U	124-48-1	Dibromochloromethane	0.0029	U
106-93-4	1,2-Dibromoethane	0.0015	U	75-71-8	Dichlorodifluoromethane	0.0029	U
95-50-1	1,2-Dichlorobenzene	0.0029	U	100-41-4	Ethylbenzene	0.0015	U
107-06-2	1,2-Dichloroethane	0.0029	U	98-82-8	Isopropylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0029	U	136777612	m&p-Xylenes	0.0015	U
541-73-1	1,3-Dichlorobenzene	0.0029	U	79-20-9	Methyl Acetate	0.0029	U
106-46-7	1,4-Dichlorobenzene	0.0029	U	108-87-2	Methylcyclohexane	0.0029	U
123-91-1	1,4-Dioxane	0.15	U	75-09-2	Methylene Chloride	0.0029	U
78-93-3	2-Butanone	0.0029	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
591-78-6	2-Hexanone	0.0029	U	95-47-6	o-Xylene	0.0015	U
108-10-1	4-Methyl-2-Pentanone	0.0029	U	100-42-5	Styrene	0.0029	U
67-64-1	Acetone	0.015	U	127-18-4	Tetrachloroethene	0.0029	U
71-43-2	Benzene	0.0015	U	108-88-3	Toluene	0.0015	U
74-97-5	Bromochloromethane	0.0029	U	156-60-5	trans-1,2-Dichloroethene	0.0029	U
75-27-4	Bromodichloromethane	0.0029	U	10061-02-6	trans-1,3-Dichloropropene	0.0029	U
75-25-2	Bromoform	0.0029	U	79-01-6	Trichloroethene	0.0029	U
74-83-9	Bromomethane	0.0029	U	75-69-4	Trichlorofluoromethane	0.0029	U
75-15-0	Carbon Disulfide	0.0029	U	75-01-4	Vinyl Chloride	0.0029	U
1330-20-7	Xylenes (Total)	0.0015	U				

Worksheet #: 236116

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-007
Client Id: SD-1
Data File: 6M86797.D
Analysis Date: 08/02/12 18:50
Date Rec/Extracted: 07/25/12-NA

Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 67
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	556-67-2	Cyclotetrasiloxane, octamethyl-	6.73	0.0050 J

Worksheet #: 236116

Total Tentatively Identified Concentration 0.005

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-008
Client Id: SD-2
Data File: 6M86798.D
Analysis Date: 08/02/12 19:06
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.17g
Final Vol: NA
Dilution: 0.967
Solids: 14

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.014	U	56-23-5	Carbon Tetrachloride	0.014	U
79-34-5	1,1,2,2-Tetrachloroethane	0.014	U	108-90-7	Chlorobenzene	0.014	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.014	U	75-00-3	Chloroethane	0.014	U
79-00-5	1,1,2-Trichloroethane	0.014	U	67-66-3	Chloroform	0.014	U
75-34-3	1,1-Dichloroethane	0.014	U	74-87-3	Chloromethane	0.014	U
75-35-4	1,1-Dichloroethene	0.014	U	156-59-2	cis-1,2-Dichloroethene	0.014	U
87-61-6	1,2,3-Trichlorobenzene	0.014	U	10061-01-5	cis-1,3-Dichloropropene	0.014	U
120-82-1	1,2,4-Trichlorobenzene	0.014	U	110-82-7	Cyclohexane	0.014	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.014	U	124-48-1	Dibromochloromethane	0.014	U
106-93-4	1,2-Dibromoethane	0.0069	U	75-71-8	Dichlorodifluoromethane	0.014	U
95-50-1	1,2-Dichlorobenzene	0.014	U	100-41-4	Ethylbenzene	0.0069	U
107-06-2	1,2-Dichloroethane	0.014	U	98-82-8	Isopropylbenzene	0.0069	U
78-87-5	1,2-Dichloropropane	0.014	U	136777612	m&p-Xylenes	0.0069	U
541-73-1	1,3-Dichlorobenzene	0.014	U	79-20-9	Methyl Acetate	0.014	U
106-46-7	1,4-Dichlorobenzene	0.014	U	108-87-2	Methylcyclohexane	0.014	U
123-91-1	1,4-Dioxane	0.69	U	75-09-2	Methylene Chloride	0.014	U
78-93-3	2-Butanone	0.014	U	1634-04-4	Methyl-t-butyl ether	0.0069	U
591-78-6	2-Hexanone	0.014	U	95-47-6	o-Xylene	0.0069	U
108-10-1	4-Methyl-2-Pentanone	0.014	U	100-42-5	Styrene	0.014	U
67-64-1	Acetone	0.069	U	127-18-4	Tetrachloroethene	0.014	U
71-43-2	Benzene	0.0069	U	108-88-3	Toluene	0.0069	U
74-97-5	Bromochloromethane	0.014	U	156-60-5	trans-1,2-Dichloroethene	0.014	U
75-27-4	Bromodichloromethane	0.014	U	10061-02-6	trans-1,3-Dichloropropene	0.014	U
75-25-2	Bromoform	0.014	U	79-01-6	Trichloroethene	0.014	U
74-83-9	Bromomethane	0.014	U	75-69-4	Trichlorofluoromethane	0.014	U
75-15-0	Carbon Disulfide	0.014	U	75-01-4	Vinyl Chloride	0.014	U
1330-20-7	Xylenes (Total)	0.0069	U				

Worksheet #: 236116

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-008
Client Id: SD-2
Data File: 6M86798.D
Analysis Date: 08/02/12 19:06
Date Rec/Extracted: 07/25/12-NA

Matrix: Soil
Initial Vol: 5.17g
Final Vol: NA
Dilution: 0.967
Solids: 14
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	556-67-2	Cyclotetrasiloxane, octamethyl-	6.74	0.028 J

Worksheet #: 236116

Total Tentatively Identified Concentration 0.028

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-009
Client Id: SD-4
Data File: 6M86799.D
Analysis Date: 08/02/12 19:22
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 31

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0064	U	56-23-5	Carbon Tetrachloride	0.0064	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0064	U	108-90-7	Chlorobenzene	0.0064	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0064	U	75-00-3	Chloroethane	0.0064	U
79-00-5	1,1,2-Trichloroethane	0.0064	U	67-66-3	Chloroform	0.0064	U
75-34-3	1,1-Dichloroethane	0.0064	U	74-87-3	Chloromethane	0.0064	U
75-35-4	1,1-Dichloroethene	0.0064	U	156-59-2	cis-1,2-Dichloroethene	0.0064	U
87-61-6	1,2,3-Trichlorobenzene	0.0064	U	10061-01-5	cis-1,3-Dichloropropene	0.0064	U
120-82-1	1,2,4-Trichlorobenzene	0.0064	U	110-82-7	Cyclohexane	0.0064	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0064	U	124-48-1	Dibromochloromethane	0.0064	U
106-93-4	1,2-Dibromoethane	0.0032	U	75-71-8	Dichlorodifluoromethane	0.0064	U
95-50-1	1,2-Dichlorobenzene	0.0064	U	100-41-4	Ethylbenzene	0.0032	U
107-06-2	1,2-Dichloroethane	0.0064	U	98-82-8	Isopropylbenzene	0.0032	U
78-87-5	1,2-Dichloropropane	0.0064	U	136777612	m&p-Xylenes	0.0032	U
541-73-1	1,3-Dichlorobenzene	0.0064	U	79-20-9	Methyl Acetate	0.0064	U
106-46-7	1,4-Dichlorobenzene	0.0064	U	108-87-2	Methylcyclohexane	0.0064	U
123-91-1	1,4-Dioxane	0.32	U	75-09-2	Methylene Chloride	0.0064	U
78-93-3	2-Butanone	0.0064	U	1634-04-4	Methyl-t-butyl ether	0.0032	U
591-78-6	2-Hexanone	0.0064	U	95-47-6	o-Xylene	0.0032	U
108-10-1	4-Methyl-2-Pentanone	0.0064	U	100-42-5	Styrene	0.0064	U
67-64-1	**Acetone**	**0.032**	**0.12**	127-18-4	Tetrachloroethene	0.0064	U
71-43-2	Benzene	0.0032	U	**108-88-3**	**Toluene**	**0.0032**	**0.0059**
74-97-5	Bromochloromethane	0.0064	U	156-60-5	trans-1,2-Dichloroethene	0.0064	U
75-27-4	Bromodichloromethane	0.0064	U	10061-02-6	trans-1,3-Dichloropropene	0.0064	U
75-25-2	Bromoform	0.0064	U	79-01-6	Trichloroethene	0.0064	U
74-83-9	Bromomethane	0.0064	U	75-69-4	Trichlorofluoromethane	0.0064	U
75-15-0	Carbon Disulfide	0.0064	U	75-01-4	Vinyl Chloride	0.0064	U
1330-20-7	Xylenes (Total)	0.0032	U				

Worksheet #: 236116

Total Target Concentration 0.13

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-009
Client Id: SD-4
Data File: 6M86799.D
Analysis Date: 08/02/12 19:22
Date Rec/Extracted: 07/25/12-NA

Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 31
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	7.29	0.011 J

Worksheet #: 236116

Total Tentatively Identified Concentration 0.011

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-010
Client Id: PC-2 U
Data File: 3M15853.D
Analysis Date: 08/03/12 01:29
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-010
Client Id: PC-2 U
Data File: 3M15853.D
Analysis Date: 08/03/12 01:29
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-012
Client Id: LMW-2 U
Data File: 3M15844.D
Analysis Date: 08/02/12 23:08
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-012
Client Id: LMW-2 U
Data File: 3M15844.D
Analysis Date: 08/02/12 23:08
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-014
Client Id: FB-1 LF U
Data File: 3M15731.D
Analysis Date: 08/01/12 17:26
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-014
Client Id: FB-1 LF U
Data File: 3M15731.D
Analysis Date: 08/01/12 17:26
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC67281-016
Client Id: LMW-4 U
Data File: 3M15852.D
Analysis Date: 08/03/12 01:13
Date Rec/Extracted: 07/25/12-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 624
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	136777612	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	10	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
1330-20-7	Xylenes (Total)	1.0	U				

Worksheet #: 236115

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-016
Client Id: LMW-4 U
Data File: 3M15852.D
Analysis Date: 08/03/12 01:13
Date Rec/Extracted: 07/25/12-NA

Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids:
Method: EPA 624

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236115

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form3
Recovery Data
QC Batch: MBS19327

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3M15955.D	AC67308-001(MS)	8/4/2012 4:21:00 AM
Non Spike(If applicable):	3M15854.D	AC67308-001	8/3/2012 1:44:00 AM
Inst Blank(If applicable):			

Method: 624 Matrix: Aqueous QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chloromethane	1	5.9803	0	20	30	1	273
Bromomethane	1	8.8456	0	20	44	1	242
Vinyl Chloride	1	7.5379	0	20	38	1	251
Chloroethane	1	12.1007	0	20	61	14	230
Trichlorofluoromethane	1	10.1868	0	20	51	17	181
Methylene Chloride	1	14.2072	0	20	71	1	221
1,1-Dichloroethene	1	13.7232	0	20	69	1	234
1,1-Dichloroethane	1	14.4389	0	20	72	59	155
trans-1,2-Dichloroethene	1	14.5364	0	20	73	54	156
Chloroform	1	15.2895	0	20	76	51	138
1,2-Dichloroethane	1	16.8394	0	20	84	49	155
1,1,1-Trichloroethane	1	14.7729	0	20	74	52	162
Carbon Tetrachloride	1	14.1224	0	20	71	70	140
Bromodichloromethane	1	14.6848	0	20	73	35	155
1,2-Dichloropropane	1	14.8547	0	20	74	1	210
Trichloroethene	1	15.1613	0	20	76	71	157
Benzene	1	16.4274	0	20	82	37	151
Dibromochloromethane	1	14.8444	0	20	74	53	149
2-Chloroethylvinylether	1	0	0	20	0*	1	305
cis-1,3-Dichloropropene	1	13.6883	0	20	68	1	227
trans-1,3-Dichloropropene	1	13.2825	0	20	66	17	183
1,1,2-Trichloroethane	1	14.5557	0	20	73	52	150
Tetrachloroethene	1	15.9044	0	20	80	64	148
Toluene	1	15.6782	0	20	78	47	150
Chlorobenzene	1	15.5395	0	20	78	37	160
Bromoform	1	12.68	0	20	63	45	169
Ethylbenzene	1	16.812	0	20	84	37	162
1,1,2,2-Tetrachloroethane	1	14.2838	0	20	71	46	157
1,3-Dichlorobenzene	1	16.134	0	20	81	59	156
1,4-Dichlorobenzene	1	14.3578	0	20	72	18	190
1,2-Dichlorobenzene	1	14.8186	0	20	74	18	190

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Form3
Recovery Data
QC Batch: MBS19327

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3M15956.D	AC67308-001(MSD)	8/4/2012 4:37:00 AM
Non Spike(If applicable):	3M15854.D	AC67308-001	8/3/2012 1:44:00 AM
Inst Blank(If applicable):			

Method: 624 Matrix: Aqueous QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chloromethane	1	6.297	0	20	31	1	273
Bromomethane	1	8.4827	0	20	42	1	242
Vinyl Chloride	1	7.5947	0	20	38	1	251
Chloroethane	1	12.0391	0	20	60	14	230
Trichlorofluoromethane	1	10.8195	0	20	54	17	181
Methylene Chloride	1	14.2492	0	20	71	1	221
1,1-Dichloroethene	1	13.4039	0	20	67	1	234
1,1-Dichloroethane	1	14.1375	0	20	71	59	155
trans-1,2-Dichloroethene	1	14.2797	0	20	71	54	156
Chloroform	1	15.3812	0	20	77	51	138
1,2-Dichloroethane	1	16.21	0	20	81	49	155
1,1,1-Trichloroethane	1	14.5996	0	20	73	52	162
Carbon Tetrachloride	1	14.198	0	20	71	70	140
Bromodichloromethane	1	14.7014	0	20	74	35	155
1,2-Dichloropropane	1	14.7089	0	20	74	1	210
Trichloroethene	1	14.6682	0	20	73	71	157
Benzene	1	16.0588	0	20	80	37	151
Dibromochloromethane	1	14.2192	0	20	71	53	149
2-Chloroethylvinylether	1	0	0	20	0*	1	305
cis-1,3-Dichloropropene	1	13.4977	0	20	67	1	227
trans-1,3-Dichloropropene	1	13.1784	0	20	66	17	183
1,1,2-Trichloroethane	1	14.3146	0	20	72	52	150
Tetrachloroethene	1	16.1425	0	20	81	64	148
Toluene	1	15.5881	0	20	78	47	150
Chlorobenzene	1	15.2112	0	20	76	37	160
Bromoform	1	13.0162	0	20	65	45	169
Ethylbenzene	1	15.3204	0	20	77	37	162
1,1,2,2-Tetrachloroethane	1	14.2525	0	20	71	46	157
1,3-Dichlorobenzene	1	15.5178	0	20	78	59	156
1,4-Dichlorobenzene	1	13.8918	0	20	69	18	190
1,2-Dichlorobenzene	1	14.3835	0	20	72	18	190

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB14969
Client Id:
Data File: 10M31961.D
Analysis Date: 08/01/12 11:51
Date Rec/Extracted: NA-07/31/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: WMB14969
Client Id:
Data File: 10M31961.D
Analysis Date: 08/01/12 11:51
Date Rec/Extracted: NA-07/31/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.32	<10%
2	5131-66-8	2-Propanol, 1-butoxy-	5.26	<10%

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB14979
Client Id:
Data File: 9M45098.D
Analysis Date: 08/01/12 17:33
Date Rec/Extracted: NA-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: WMB14979
Client Id:
Data File: 9M45098.D
Analysis Date: 08/01/12 17:33
Date Rec/Extracted: NA-08/01/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	111-76-2	Ethanol, 2-butoxy-	4.98	<10%
2		unknown	6.20	<10%

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB14979
Client Id:
Data File: 10M31977.D
Analysis Date: 08/01/12 18:33
Date Rec/Extracted: NA-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retentio Time Out
J - Indicates n estimated value when a compound is detected at less than the specified de ction limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration use

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: WMB14979
Client Id:
Data File: 10M31977.D
Analysis Date: 08/01/12 18:33
Date Rec/Extracted: NA-08/01/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	3.06	<10%
2	111-76-2	Ethanol, 2-butoxy-	4.96	<10%
3	5131-66-8	2-Propanol, 1-butoxy-	5.26	<10%

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB15005
Client Id:
Data File: 7M55317.D
Analysis Date: 08/03/12 17:09
Date Rec/Extracted: NA-08/03/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 0.5ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.033	U	205-99-2	Benzo[b]fluoranthene	0.033	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.033	U	191-24-2	Benzo[g,h,i]perylene	0.033	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.033	U	207-08-9	Benzo[k]fluoranthene	0.033	U
95-95-4	2,4,5-Trichlorophenol	0.033	U	111-91-1	bis(2-Chloroethoxy)methan	0.033	U
88-06-2	2,4,6-Trichlorophenol	0.033	U	111-44-4	bis(2-Chloroethyl)ether	0.0083	U
120-83-2	2,4-Dichlorophenol	0.0083	U	108-60-1	bis(2-chloroisopropyl)ether	0.033	U
105-67-9	2,4-Dimethylphenol	0.033	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.033	U
51-28-5	2,4-Dinitrophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.033	U
121-14-2	2,4-Dinitrotoluene	0.033	U	105-60-2	Caprolactam	0.033	U
606-20-2	2,6-Dinitrotoluene	0.033	U	86-74-8	Carbazole	0.033	U
91-58-7	2-Chloronaphthalene	0.033	U	218-01-9	Chrysene	0.033	U
95-57-8	2-Chlorophenol	0.033	U	53-70-3	Dibenzo[a,h]anthracene	0.033	U
91-57-6	2-Methylnaphthalene	0.033	U	132-64-9	Dibenzofuran	0.0083	U
95-48-7	2-Methylphenol	0.0083	U	84-66-2	Diethylphthalate	0.033	U
88-74-4	2-Nitroaniline	0.033	U	131-11-3	Dimethylphthalate	0.033	U
88-75-5	2-Nitrophenol	0.033	U	84-74-2	Di-n-butylphthalate	0.017	U
106-44-5	3&4-Methylphenol	0.0083	U	117-84-0	Di-n-octylphthalate	0.033	U
91-94-1	3,3'-Dichlorobenzidine	0.033	U	206-44-0	Fluoranthene	0.033	U
99-09-2	3-Nitroaniline	0.033	U	86-73-7	Fluorene	0.033	U
534-52-1	4,6-Dinitro-2-methylphenol	0.17	U	118-74-1	Hexachlorobenzene	0.033	U
101-55-3	4-Bromophenyl-phenylether	0.033	U	87-68-3	Hexachlorobutadiene	0.033	U
59-50-7	4-Chloro-3-methylphenol	0.033	U	77-47-4	Hexachlorocyclopentadiene	0.033	U
106-47-8	4-Chloroaniline	0.016	U	67-72-1	Hexachloroethane	0.033	U
7005-72-3	4-Chlorophenyl-phenylether	0.033	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.033	U
100-01-6	4-Nitroaniline	0.033	U	78-59-1	Isophorone	0.033	U
100-02-7	4-Nitrophenol	0.033	U	91-20-3	Naphthalene	0.0083	U
83-32-9	Acenaphthene	0.033	U	98-95-3	Nitrobenzene	0.033	U
208-96-8	Acenaphthylene	0.033	U	621-64-7	N-Nitroso-di-n-propylamine	0.0083	U
98-86-2	Acetophenone	0.033	U	86-30-6	n-Nitrosodiphenylamine	0.033	U
120-12-7	Anthracene	0.033	U	87-86-5	Pentachlorophenol	0.056	U
1912-24-9	Atrazine	0.033	U	85-01-8	Phenanthrene	0.033	U
100-52-7	Benzaldehyde	0.033	U	108-95-2	Phenol	0.033	U
56-55-3	Benzo[a]anthracene	0.033	U	129-00-0	Pyrene	0.033	U
50-32-8	Benzo[a]pyrene	0.033	U				

Worksheet #: 236086

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB15005
Client Id:
Data File: 7M55317.D
Analysis Date: 08/03/12 17:09
Date Rec/Extracted: NA-08/03/12

Matrix: Soil
Initial Vol: 30g
Final Vol: 0.5ml
Dilution: 1
Solids: 100
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	57-55-6	1,2-Propanediol	3.26	0.082 J
2	79-00-5	Ethane, 1,1,2-trichloro-	3.60	0.093 J
3	141-79-7	3-Penten-2-one, 4-methyl-	3.83	0.21 JA
4		unknown	4.23	4.4 J
5	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.53	130 JA
6		unknown	4.82	0.12 J
7		unknown	5.09	1.7 J
8	79-34-5	Ethane, 1,1,2,2-tetrachloro-	5.14	0.16 J
9	5131-66-8	2-Propanol, 1-butoxy-	5.28	0.071 J
10	611-14-3	Benzene, 1-ethyl-2-methyl-	5.46	0.11 J
11	108-67-8	Benzene, 1,3,5-trimethyl-	5.71	0.15 J
12		unknown	6.82	0.48 J

Worksheet #: 236086

Total Tentatively Identified Concentration 140

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-001
Client Id: SW-1 U
Data File: 10M31960.D
Analysis Date: 08/01/12 11:28
Date Rec/Extracted: 07/25/12-07/31/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-001
Client Id: SW-1 U
Data File: 10M31960.D
Analysis Date: 08/01/12 11:28
Date Rec/Extracted: 07/25/12-07/31/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	5.12	14 J

Worksheet #: 236276

Total Tentatively Identified Concentration 14

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-003
Client Id: SW-2 U
Data File: 9M45112.D
Analysis Date: 08/01/12 22:53
Date Rec/Extracted: 07/25/12-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 980ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.51	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.51	U
95-48-7	2-Methylphenol	0.51	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.51	U
106-44-5	3&4-Methylphenol	0.51	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.51	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.51	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.51	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-003
Client Id: SW-2 U
Data File: 9M45112.D
Analysis Date: 08/01/12 22:53
Date Rec/Extracted: 07/25/12-08/01/12

Matrix: Aqueous
Initial Vol: 980ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	62238-37-3	3-Penten-1-ol, 2-methyl-	3.78	4.7 J
2		unknown	5.14	28 J

Worksheet #: 236276

Total Tentatively Identified Concentration 33

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-005
Client Id: SW-4 U
Data File: 9M45147.D
Analysis Date: 08/02/12 19:37
Date Rec/Extracted: 07/25/12-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-005
Client Id: SW-4 U
Data File: 9M45147.D
Analysis Date: 08/02/12 19:37
Date Rec/Extracted: 07/25/12-08/01/12

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.34	94 JA
2		unknown	10.21	4.0 J
3	593-49-7	Heptacosane	14.20	11 J
4	124-25-4	Tetradecanal	14.77	5.3 J
5	629-97-0	Docosane	14.98	5.0 J
6		unknown	15.35	11 J
7	56554-86-0	17-Octadecenal	15.70	8.3 J
8		unknown	16.40	7.9 J
9	21424-83-9	1,1'-Biphenyl, 3-chloro-4-methoxy-	16.54	4.7 J

Worksheet #: 236276

Total Tentatively Identified Concentration 150

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-007
Client Id: SD-1
Data File: 7M55340.D
Analysis Date: 08/05/12 20:36
Date Rec/Extracted: 07/25/12-08/03/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 67

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.10	U	205-99-2	Benzo[b]fluoranthene	0.10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.10	U	191-24-2	Benzo[g,h,i]perylene	0.10	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.10	U	207-08-9	Benzo[k]fluoranthene	0.10	U
95-95-4	2,4,5-Trichlorophenol	0.10	U	111-91-1	bis(2-Chloroethoxy)methan	0.10	U
88-06-2	2,4,6-Trichlorophenol	0.10	U	111-44-4	bis(2-Chloroethyl)ether	0.025	U
120-83-2	2,4-Dichlorophenol	0.025	U	108-60-1	bis(2-chloroisopropyl)ether	0.10	U
105-67-9	2,4-Dimethylphenol	0.10	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.10	U
51-28-5	2,4-Dinitrophenol	0.50	U	85-68-7	Butylbenzylphthalate	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U	105-60-2	Caprolactam	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U	86-74-8	Carbazole	0.10	U
91-58-7	2-Chloronaphthalene	0.10	U	218-01-9	Chrysene	0.10	U
95-57-8	2-Chlorophenol	0.10	U	53-70-3	Dibenzo[a,h]anthracene	0.10	U
91-57-6	2-Methylnaphthalene	0.10	U	132-64-9	Dibenzofuran	0.025	U
95-48-7	2-Methylphenol	0.025	U	84-66-2	Diethylphthalate	0.10	U
88-74-4	2-Nitroaniline	0.10	U	131-11-3	Dimethylphthalate	0.10	U
88-75-5	2-Nitrophenol	0.10	U	84-74-2	Di-n-butylphthalate	0.050	U
106-44-5	3&4-Methylphenol	0.025	U	117-84-0	Di-n-octylphthalate	0.10	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	206-44-0	Fluoranthene	0.10	U
99-09-2	3-Nitroaniline	0.10	U	86-73-7	Fluorene	0.10	U
534-52-1	4,6-Dinitro-2-methylphenol	0.50	U	118-74-1	Hexachlorobenzene	0.10	U
101-55-3	4-Bromophenyl-phenylether	0.10	U	87-68-3	Hexachlorobutadiene	0.10	U
59-50-7	4-Chloro-3-methylphenol	0.10	U	77-47-4	Hexachlorocyclopentadiene	0.10	U
106-47-8	4-Chloroaniline	0.047	U	67-72-1	Hexachloroethane	0.10	U
7005-72-3	4-Chlorophenyl-phenylether	0.10	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.10	U
100-01-6	4-Nitroaniline	0.10	U	78-59-1	Isophorone	0.10	U
100-02-7	4-Nitrophenol	0.10	U	91-20-3	Naphthalene	0.025	U
83-32-9	Acenaphthene	0.10	U	98-95-3	Nitrobenzene	0.10	U
208-96-8	Acenaphthylene	0.10	U	621-64-7	N-Nitroso-di-n-propylamine	0.025	U
98-86-2	Acetophenone	0.10	U	86-30-6	n-Nitrosodiphenylamine	0.10	U
120-12-7	Anthracene	0.10	U	87-86-5	Pentachlorophenol	0.17	U
1912-24-9	Atrazine	0.10	U	85-01-8	Phenanthrene	0.10	U
100-52-7	Benzaldehyde	0.10	U	108-95-2	Phenol	0.10	U
56-55-3	Benzo[a]anthracene	0.10	U	**129-00-0**	**Pyrene**	**0.10**	**0.10**
50-32-8	Benzo[a]pyrene	0.10	U				

Worksheet #: 236086

Total Target Concentration 0.1

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-007
Client Id: SD-1
Data File: 7M55340.D
Analysis Date: 08/05/12 20:36
Date Rec/Extracted: 07/25/12-08/03/12

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 67
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	57-55-6	1,2-Propanediol	3.11	0.26 JB
2		unknown	4.10	3.6 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.43	140 JAB
4		unknown	5.07	1.4 JB
5	611-14-3	Benzene, 1-ethyl-2-methyl-	5.45	0.30 JB
6	108-67-8	Benzene, 1,3,5-trimethyl-	5.70	0.39 JB
7		unknown	6.81	0.45 JB
8	87953-43-3	(E)- and (Z)-15-n-propyl-7,13-labdadiene	12.41	1.0 J
9	1632-70-8	Undecane, 5-methyl-	12.72	0.28 J
10	630-01-3	Hexacosane	13.49	0.58 J
11		unknown	13.85	0.27 J
12	7320-37-8	Oxirane, tetradecyl-	14.01	0.38 J
13	112-95-8	Eicosane	14.22	0.64 J
14	629-80-1	Hexadecanal	14.80	0.77 J
15	112-95-8	Eicosane	15.02	0.68 J
16		unknown	15.25	0.34 J
17		unknown	15.37	0.39 J
18	638-66-4	Octadecanal	15.75	0.61 J
19		unknown	16.42	0.97 J
20		unknown	16.60	0.29 J
21		unknown	16.84	0.37 J
22		unknown	16.91	0.26 J
23		unknown	17.01	0.42 J
24		unknown	17.06	1.9 J
25	1058-61-3	Stigmast-4-en-3-one	17.31	0.51 J

Worksheet #: 236085

Total Tentatively Identified Concentration 160

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-008
Client Id: SD-2
Data File: 7M55339.D
Analysis Date: 08/05/12 20:12
Date Rec/Extracted: 07/25/12-08/03/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 14

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.48	U	205-99-2	Benzo[b]fluoranthene	0.48	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.48	U	191-24-2	Benzo[g,h,i]perylene	0.48	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.48	U	207-08-9	Benzo[k]fluoranthene	0.48	U
95-95-4	2,4,5-Trichlorophenol	0.48	U	111-91-1	bis(2-Chloroethoxy)methan	0.48	U
88-06-2	2,4,6-Trichlorophenol	0.48	U	111-44-4	bis(2-Chloroethyl)ether	0.12	U
120-83-2	2,4-Dichlorophenol	0.12	U	108-60-1	bis(2-chloroisopropyl)ether	0.48	U
105-67-9	2,4-Dimethylphenol	0.48	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.48	U
51-28-5	2,4-Dinitrophenol	2.4	U	85-68-7	Butylbenzylphthalate	0.48	U
121-14-2	2,4-Dinitrotoluene	0.48	U	105-60-2	Caprolactam	0.48	U
606-20-2	2,6-Dinitrotoluene	0.48	U	86-74-8	Carbazole	0.48	U
91-58-7	2-Chloronaphthalene	0.48	U	218-01-9	Chrysene	0.48	U
95-57-8	2-Chlorophenol	0.48	U	53-70-3	Dibenzo[a,h]anthracene	0.48	U
91-57-6	2-Methylnaphthalene	0.48	U	132-64-9	Dibenzofuran	0.12	U
95-48-7	2-Methylphenol	0.12	U	84-66-2	Diethylphthalate	0.48	U
88-74-4	2-Nitroaniline	0.48	U	131-11-3	Dimethylphthalate	0.48	U
88-75-5	2-Nitrophenol	0.48	U	84-74-2	Di-n-butylphthalate	0.24	U
106-44-5	3&4-Methylphenol	0.12	U	117-84-0	Di-n-octylphthalate	0.48	U
91-94-1	3,3'-Dichlorobenzidine	0.48	U	206-44-0	Fluoranthene	0.48	U
99-09-2	3-Nitroaniline	0.48	U	86-73-7	Fluorene	0.48	U
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	118-74-1	Hexachlorobenzene	0.48	U
101-55-3	4-Bromophenyl-phenylether	0.48	U	87-68-3	Hexachlorobutadiene	0.48	U
59-50-7	4-Chloro-3-methylphenol	0.48	U	77-47-4	Hexachlorocyclopentadiene	0.48	U
106-47-8	4-Chloroaniline	0.23	U	67-72-1	Hexachloroethane	0.48	U
7005-72-3	4-Chlorophenyl-phenylether	0.48	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.48	U
100-01-6	4-Nitroaniline	0.48	U	78-59-1	Isophorone	0.48	U
100-02-7	4-Nitrophenol	0.48	U	91-20-3	Naphthalene	0.12	U
83-32-9	Acenaphthene	0.48	U	98-95-3	Nitrobenzene	0.48	U
208-96-8	Acenaphthylene	0.48	U	621-64-7	N-Nitroso-di-n-propylamine	0.12	U
98-86-2	Acetophenone	0.48	U	86-30-6	n-Nitrosodiphenylamine	0.48	U
120-12-7	Anthracene	0.48	U	87-86-5	Pentachlorophenol	0.80	U
1912-24-9	Atrazine	0.48	U	85-01-8	Phenanthrene	0.48	U
100-52-7	Benzaldehyde	0.48	U	108-95-2	Phenol	0.48	U
56-55-3	Benzo[a]anthracene	0.48	U	129-00-0	Pyrene	0.48	U
50-32-8	Benzo[a]pyrene	0.48	U				

Worksheet #: 236095

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-008
Client Id: SD-2
Data File: 7M55339.D
Analysis Date: 08/05/12 20:12
Date Rec/Extracted: 07/25/12-08/03/12

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 14
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	4.10	21 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.44	790 JAB
3		unknown	5.07	8.0 JB
4	18435-45-5	1-Nonadecene	12.72	7.5 J
5	124-25-4	Tetradecanal	13.27	3.9 J
6	7225-66-3	Tridecane, 7-hexyl-	13.49	26 J
7	630-06-8	Hexatriacontane	13.86	3.2 J
8	59681-06-0	10-DEMETHYLSQUALENE	13.93	2.8 J
9	124-25-4	Tetradecanal	14.02	13 J
10	13475-75-7	Pentadecane, 8-hexyl-	14.22	26 J
11	58296-52-9	Tetracosanolide	14.25	8.1 J
12	56555-07-8	2,2-DIDEUTERO OCTADECANAL	14.80	14 J
13	7098-22-8	Tetratetracontane	15.02	8.1 J
14	74685-33-9	3-Eicosene, (E)-	15.07	3.2 J
15		unknown	15.13	2.9 J
16	59-02-9	Vitamin E	15.25	4.4 J
17	57-88-5	Cholest-5-en-3-ol (3.beta.)-	15.38	3.8 J
18	124-25-4	Tetradecanal	15.75	9.6 J
19		unknown	15.96	3.8 J
20		unknown	16.10	3.1 J
21	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	16.43	18 J
22	69611-14-9	6-Acetyl-5-hydroxy-1,8-dimethyl-1,2,3,4-	16.61	3.5 J
23		unknown	16.76	3.8 J
24	78854-21-4	[2S-(2-.alpha.,4a-.beta.,5-.alpha.,8-.al	16.84	3.7 J
25	1058-61-3	(24R)-4-STIGMASTEN-3-ONE	17.31	9.3 J

Worksheet #: 236095

Total Tentatively Identified Concentration 1000

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-009
Client Id: SD-4
Data File: 7M55338.D
Analysis Date: 08/05/12 19:47
Date Rec/Extracted: 07/25/12-08/03/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 31

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.22	U	205-99-2	Benzo[b]fluoranthene	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.22	U	191-24-2	Benzo[g,h,i]perylene	0.22	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.22	U	207-08-9	Benzo[k]fluoranthene	0.22	U
95-95-4	2,4,5-Trichlorophenol	0.22	U	111-91-1	bis(2-Chloroethoxy)methan	0.22	U
88-06-2	2,4,6-Trichlorophenol	0.22	U	111-44-4	bis(2-Chloroethyl)ether	0.054	U
120-83-2	2,4-Dichlorophenol	0.054	U	108-60-1	bis(2-chloroisopropyl)ether	0.22	U
105-67-9	2,4-Dimethylphenol	0.22	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.22	U
51-28-5	2,4-Dinitrophenol	1.1	U	85-68-7	Butylbenzylphthalate	0.22	U
121-14-2	2,4-Dinitrotoluene	0.22	U	105-60-2	Caprolactam	0.22	U
606-20-2	2,6-Dinitrotoluene	0.22	U	86-74-8	Carbazole	0.22	U
91-58-7	2-Chloronaphthalene	0.22	U	218-01-9	Chrysene	0.22	U
95-57-8	2-Chlorophenol	0.22	U	53-70-3	Dibenzo[a,h]anthracene	0.22	U
91-57-6	2-Methylnaphthalene	0.22	U	132-64-9	Dibenzofuran	0.054	U
95-48-7	2-Methylphenol	0.054	U	84-66-2	Diethylphthalate	0.22	U
88-74-4	2-Nitroaniline	0.22	U	131-11-3	Dimethylphthalate	0.22	U
88-75-5	2-Nitrophenol	0.22	U	84-74-2	Di-n-butylphthalate	0.11	U
106-44-5	3&4-Methylphenol	0.054	U	117-84-0	Di-n-octylphthalate	0.22	U
91-94-1	3,3'-Dichlorobenzidine	0.22	U	206-44-0	Fluoranthene	0.22	U
99-09-2	3-Nitroaniline	0.22	U	86-73-7	Fluorene	0.22	U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	118-74-1	Hexachlorobenzene	0.22	U
101-55-3	4-Bromophenyl-phenylether	0.22	U	87-68-3	Hexachlorobutadiene	0.22	U
59-50-7	4-Chloro-3-methylphenol	0.22	U	77-47-4	Hexachlorocyclopentadiene	0.22	U
106-47-8	4-Chloroaniline	0.10	U	67-72-1	Hexachloroethane	0.22	U
7005-72-3	4-Chlorophenyl-phenylether	0.22	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U
100-01-6	4-Nitroaniline	0.22	U	78-59-1	Isophorone	0.22	U
100-02-7	4-Nitrophenol	0.22	U	91-20-3	Naphthalene	0.054	U
83-32-9	Acenaphthene	0.22	U	98-95-3	Nitrobenzene	0.22	U
208-96-8	Acenaphthylene	0.22	U	621-64-7	N-Nitroso-di-n-propylamine	0.054	U
98-86-2	Acetophenone	0.22	U	86-30-6	n-Nitrosodiphenylamine	0.22	U
120-12-7	Anthracene	0.22	U	87-86-5	Pentachlorophenol	0.36	U
1912-24-9	Atrazine	0.22	U	85-01-8	Phenanthrene	0.22	U
100-52-7	Benzaldehyde	0.22	U	108-95-2	Phenol	0.22	U
56-55-3	Benzo[a]anthracene	0.22	U	**129-00-0**	**Pyrene**	**0.22**	**0.28**
50-32-8	Benzo[a]pyrene	0.22	U				

Worksheet #: 236086

Total Target Concentration 0.28

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide % Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-009
Client Id: SD-4
Data File: 7M55338.D
Analysis Date: 08/05/12 19:47
Date Rec/Extracted: 07/25/12-08/03/12

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 31
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	4.12	12 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.45	440 JAB
3		unknown	5.07	4.6 JB
4	7098-22-8	Tetratetracontane	12.72	3.2 J
5	55282-17-2	Tetracosane, 3-ethyl-	13.49	5.1 J
6	56554-87-1	16-Octadecenal	14.02	4.7 J
7	630-02-4	Octacosane	14.22	10 J
8	297-03-0	Cyclotetracosane	14.25	3.2 J
9	124-25-4	Tetradecanal	14.80	7.4 J
10	593-49-7	Heptacosane	15.02	6.5 J
11	6971-40-0	17-Pentatriacontene	15.08	2.2 J
12	59-02-9	Vitamin E	15.26	4.0 J
13		unknown	15.38	1.8 J
14	56554-92-8	10-Octadecenal	15.76	5.8 J
15		unknown	15.95	1.9 J
16	7225-64-1	Heptadecane, 9-octyl-	16.02	4.0 J
17		unknown	16.09	2.3 J
18	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	16.43	12 J
19	71583-68-1	1,2,3,3a,5,6,6a,7-Octahydro-1,3a,6-trim	16.61	3.3 J
20		unknown	16.77	3.0 J
21	74428-82-3	2-Chloro-p-methoxybiphenyl	16.84	16 J
22	5945-53-9	D:C-Friedooleanan-3-one	16.92	6.0 J
23	4429-77-0	Cycloheptadecanol	17.01	2.0 J
24	85544-99-6	Ethynyl (1R*,2R*,5S*)-5,8,8-trimethylbic	17.14	19 J
25	1058-61-3	(24R)-4-STIGMASTEN-3-ONE	17.32	6.1 J

Worksheet #: 236086

Total Tentatively Identified Concentration 590

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-010
Client Id: PC-2 U
Data File: 10M31978.D
Analysis Date: 08/01/12 18:55
Date Rec/Extracted: 07/25/12-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 980ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U
120-83-2	2,4-Dichlorophenol	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U
51-28-5	2,4-Dinitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U
95-57-8	2-Chlorophenol	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U
95-48-7	2-Methylphenol	0.51	U
88-74-4	2-Nitroaniline	2.0	U
88-75-5	2-Nitrophenol	2.0	U
106-44-5	3&4-Methylphenol	0.51	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U
99-09-2	3-Nitroaniline	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
101-55-3	4-Bromophenyl-phenylether	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U
106-47-8	4-Chloroaniline	0.51	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U
100-01-6	4-Nitroaniline	2.0	U
100-02-7	4-Nitrophenol	2.0	U
83-32-9	Acenaphthene	2.0	U
208-96-8	Acenaphthylene	2.0	U
98-86-2	Acetophenone	2.0	U
120-12-7	Anthracene	2.0	U
1912-24-9	Atrazine	2.0	U
100-52-7	Benzaldehyde	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U
205-99-2	Benzo[b]fluoranthene	2.0	U
191-24-2	Benzo[g,h,i]perylene	2.0	U
207-08-9	Benzo[k]fluoranthene	2.0	U
111-91-1	bis(2-Chloroethoxy)methan	2.0	U
111-44-4	bis(2-Chloroethyl)ether	0.51	U
108-60-1	bis(2-chloroisopropyl)ether	2.0	U
117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
85-68-7	Butylbenzylphthalate	2.0	U
105-60-2	Caprolactam	2.0	U
86-74-8	Carbazole	2.0	U
218-01-9	Chrysene	2.0	U
53-70-3	Dibenzo[a,h]anthracene	2.0	U
132-64-9	Dibenzofuran	0.51	U
84-66-2	Diethylphthalate	2.0	U
131-11-3	Dimethylphthalate	2.0	U
84-74-2	Di-n-butylphthalate	0.51	U
117-84-0	Di-n-octylphthalate	2.0	U
206-44-0	Fluoranthene	2.0	U
86-73-7	Fluorene	2.0	U
118-74-1	Hexachlorobenzene	2.0	U
87-68-3	Hexachlorobutadiene	2.0	U
77-47-4	Hexachlorocyclopentadiene	2.0	U
67-72-1	Hexachloroethane	2.0	U
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
78-59-1	Isophorone	2.0	U
91-20-3	Naphthalene	0.51	U
98-95-3	Nitrobenzene	2.0	U
621-64-7	N-Nitroso-di-n-propylamine	0.51	U
86-30-6	n-Nitrosodiphenylamine	2.0	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	2.0	U
108-95-2	Phenol	2.0	U
129-00-0	Pyrene	2.0	U

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-010
Client Id: PC-2 U
Data File: 10M31978.D
Analysis Date: 08/01/12 18:55
Date Rec/Extracted: 07/25/12-08/01/12

Matrix: Aqueous
Initial Vol: 980ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-012
Client Id: LMW-2 U
Data File: 9M45099.D
Analysis Date: 08/01/12 17:56
Date Rec/Extracted: 07/25/12-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 0.5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.50	U
95-48-7	2-Methylphenol	0.50	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.50	U
106-44-5	3&4-Methylphenol	0.50	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.50	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.50	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-012
Client Id: LMW-2 U
Data File: 9M45099.D
Analysis Date: 08/01/12 17:56
Date Rec/Extracted: 07/25/12-08/01/12

Matrix: Aqueous
Initial Vol: 500ml
Final Vol: 0.5ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-014
Client Id: FB-1 LF U
Data File: 10M31979.D
Analysis Date: 08/01/12 19:17
Date Rec/Extracted: 07/25/12-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 980ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.51	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.51	U
95-48-7	2-Methylphenol	0.51	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.51	U
106-44-5	3&4-Methylphenol	0.51	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.51	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.51	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.51	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-014
Client Id: FB-1 LF U
Data File: 10M31979.D
Analysis Date: 08/01/12 19:17
Date Rec/Extracted: 07/25/12-08/01/12

Matrix: Aqueous
Initial Vol: 980ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC67281-016
Client Id: LMW-4 U
Data File: 10M31980.D
Analysis Date: 08/01/12 19:39
Date Rec/Extracted: 07/25/12-08/01/12
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 990ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.51	U
120-83-2	2,4-Dichlorophenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	0.51	U
95-48-7	2-Methylphenol	0.51	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	0.51	U
106-44-5	3&4-Methylphenol	0.51	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
106-47-8	4-Chloroaniline	0.51	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	0.51	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	2.0	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.51	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U				

Worksheet #: 236276

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC67281-016
Client Id: LMW-4 U
Data File: 10M31980.D
Analysis Date: 08/01/12 19:39
Date Rec/Extracted: 07/25/12-08/01/12

Matrix: Aqueous
Initial Vol: 990ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 236276

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.
Y - Indicates the analyte was found in the blank at <10% of the concentration of the sample.
<10% - Indicates the analyte was found in the blank at < 10% of nearest Internal Standard

FORM2

Surrogate Recovery

Method: EPA 625

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M31961.D	WMB14969	Aqueous	08/01/12 11:51	1		55	49	85	83	29 *	86
10M31977.D	WMB14979	Aqueous	08/01/12 18:33	1		45	28	79	80	89	102
9M45098.D	WMB14979	Aqueous	08/01/12 17:33	1		45	27	77	78	84	98
9M45182.D	WMB15019	Aqueous	08/03/12 16:50	1		48	28	92	87	100	108
10M31960.D	AC67281-001	Aqueous	08/01/12 11:28	1		29	18 *	90	87	65	93
9M45112.D	AC67281-003	Aqueous	08/01/12 22:53	1		7.8 *	3.1 *	85	89	73	92
9M45203.D	AC67281-003(	Aqueous	08/04/12 00:54	1		0 *	0.16 *	91	89	44 *	114
9M45147.D	AC67281-005	Aqueous	08/02/12 19:37	1		28 *	15 *	82	85	85	97
9M45232.D	AC67281-005(	Aqueous	08/06/12 10:11	1		28 *	20 *	100	93	80	96
10M31978.D	AC67281-010	Aqueous	08/01/12 18:55	1		45	31	82	79	94	94
9M45099.D	AC67281-012	Aqueous	08/01/12 17:56	1		57	44	85	82	91	110
10M31979.D	AC67281-014	Aqueous	08/01/12 19:17	1		48	31	98	95	106	105
10M31980.D	AC67281-016	Aqueous	08/01/12 19:39	1		36	25 *	71	74	88	101
10M31975.D	AC67289-006(	Aqueous	08/01/12 17:49	1		77	63	93	75	101	109
5M76268.D	WMB14969(M	Aqueous	07/31/12 16:29	1		64	45	99	90	103	99
5M76279.D	AC67289-006	Aqueous	08/01/12 11:52	1		59	52	70	65	79	70
5M76285.D	AC67289-006(	Aqueous	08/01/12 14:17	1		78	66	96	80	106	95
9M45097.D	WMB14979(M	Aqueous	08/01/12 17:10	1		48	30	86	81	93	95
9M45100.D	AC67281-012(	Aqueous	08/01/12 18:19	1		60	46	87	86	97	101
9M45101.D	AC67281-012(	Aqueous	08/01/12 18:42	1		63	49	89	78	94	106

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: EPA 625

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	29-113
S2=Phenol-d5	100	27-115
S3=Nitrobenzene-d5	50	51-139
S4=2-Fluorobiphenyl	50	53-129
S5=2,4,6-Tribromophenol	100	54-149
S6=Terphenyl-d14	50	55-146

Form3
RPD DATA
QC Batch: WMB14969

	Data File	Sample ID:	Analysis Date
Spike or Dup:	10M31975.D	AC67289-006(MSD)	8/1/2012 5:49:00 PM
Duplicate(If applicable):	5M76285.D	AC67289-006(MS)	8/1/2012 2:17:00 PM
Inst Blank(If applicable):			

Method: 625 Matrix: Aqueous QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
N-Nitrosodimethylamine	1	82.8048	84.7898	2.4	17
bis(2-Chloroethyl)ether	1	85.0348	89.5444	5.2	12
Phenol	1	55.4754	59.0674	6.3	27
2-Chlorophenol	1	85.3464	88.1776	3.3	21
bis(2-chloroisopropyl)ether	1	72.5056	77.1172	6.2	14
Hexachloroethane	1	82.2406	84.0739	2.2	39
N-Nitroso-di-n-propylamine	1	80.4431	91.7792	13	14
Nitrobenzene	1	85.7853	88.7347	3.4	13
Isophorone	1	84.9342	89.9986	5.8	12
2-Nitrophenol	1	87.0553	97.8844	12	31
2,4-Dimethylphenol	1	78.7222	82.0756	4.2	18
bis(2-Chloroethoxy)methane	1	85.7106	88.0427	2.7	12
2,4-Dichlorophenol	1	96.6327	96.0189	0.64	21
1,2,4-Trichlorobenzene	1	83.9297	80.8796	3.7	17
Naphthalene	1	81.7009	85.6132	4.7	16
Hexachlorobutadiene	1	88.7118	83.3511	6.2	24
4-Chloro-3-methylphenol	1	91.4288	97.3545	6.3	16
2,4,6-Trichlorophenol	1	95.5619	98.0783	2.6	24
2-Chloronaphthalene	1	86.8217	91.027	4.7	13
Acenaphthylene	1	91.1032	98.9158	8.2	13
Dimethylphthalate	1	86.7893	94.6677	8.7	12
2,6-Dinitrotoluene	1	80.4719	106.323	28*	13
Acenaphthene	1	82.8895	92.9709	11	14
2,4-Dinitrophenol	1	89.2118	96.5581	7.9	37
2,4-Dinitrotoluene	1	79.7556	99.3312	22*	13
4-Nitrophenol	1	60.4075	67.3746	11	41
Fluorene	1	80.8156	93.2934	14	14
4-Chlorophenyl-phenylether	1	87.6023	95.849	9	13
Diethylphthalate	1	83.2914	95.606	14*	12
4,6-Dinitro-2-methylphenol	1	94.8927	99.6354	4.9	25
4-Bromophenyl-phenylether	1	91.3986	90.3702	1.1	13
Hexachlorobenzene	1	85.9259	88.9484	3.5	12
Pentachlorophenol	1	95.7878	94.2789	1.6	31
Phenanthrene	1	84.2775	93.499	10	12
Anthracene	1	86.6547	92.8335	6.9	12
Di-n-butylphthalate	1	94.7062	98.3632	3.8	12
Fluoranthene	1	85.9941	96.7004	12	13
Pyrene	1	90.4787	86.4681	4.5	13
Butylbenzylphthalate	1	91.4316	90.5584	0.96	12
3,3'-Dichlorobenzidine	1	96.8209	111.0626	14	40
Benzo[a]anthracene	1	78.0738	80.996	3.7	12
Chrysene	1	89.89	94.1859	4.7	12
bis(2-Ethylhexyl)phthalate	1	92.6836	85.3598	8.2	14
Di-n-octylphthalate	1	103.05	86.1065	18*	14
Benzo[b]fluoranthene	1	94.4241	93.8868	0.57	15
Benzo[k]fluoranthene	1	77.4876	83.3069	7.2	14
Benzo[a]pyrene	1	93.0841	97.9108	5.1	13
Indeno[1,2,3-cd]pyrene	1	95.4523	111.6381	16*	14
Dibenzo[a,h]anthracene	1	97.5498	110.1127	12	14
Benzo[g,h,i]perylene	1	85.7052	103.6978	19*	15

* - Indicates outside of limits

NA - Both concentrations=0... no result can be calculated

Form3
RPD DATA

QC Batch: WMB14979

	Data File	Sample ID:	Analysis Date
Spike or Dup:	9M45101.D	AC67281-012(MSD)	8/1/2012 6:42:00 PM
Duplicate(If applicable):	9M45100.D	AC67281-012(MS)	8/1/2012 6:19:00 PM
Inst Blank(If applicable):			

Method: 625 Matrix: Aqueous QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
N-Nitrosodimethylamine	1	70.4228	62.1298	13	17
bis(2-Chloroethyl)ether	1	75.1401	73.6042	2.1	12
Phenol	1	41.1095	39.8983	3	27
2-Chlorophenol	1	76.4746	72.5339	5.3	21
bis(2-chloroisopropyl)ether	1	61.3671	61.0801	0.47	14
Hexachloroethane	1	74.4963	73.0734	1.9	39
N-Nitroso-di-n-propylamine	1	69.5108	65.2895	6.3	14
Nitrobenzene	1	76.8876	78.8255	2.5	13
Isophorone	1	72.9725	73.29	0.43	12
2-Nitrophenol	1	82.6964	81.5045	1.5	31
2,4-Dimethylphenol	1	63.1893	65.9408	4.3	18
bis(2-Chloroethoxy)methane	1	78.3381	71.9984	8.4	12
2,4-Dichlorophenol	1	77.7225	77.6772	0.06	21
1,2,4-Trichlorobenzene	1	68.4313	71.5482	4.5	17
Naphthalene	1	72.2832	70.8121	2.1	16
Hexachlorobutadiene	1	76.9509	79.7216	3.5	24
4-Chloro-3-methylphenol	1	73.4417	75.3207	2.5	16
2,4,6-Trichlorophenol	1	81.7205	86.366	5.5	24
2-Chloronaphthalene	1	78.3756	79.13	0.96	13
Acenaphthylene	1	83.8972	83.8368	0.07	13
Dimethylphthalate	1	82.1081	82.1508	0.05	12
2,6-Dinitrotoluene	1	82.4717	84.3154	2.2	13
Acenaphthene	1	74.5203	78.7847	5.6	14
2,4-Dinitrophenol	1	82.9108	74.6048	11	37
2,4-Dinitrotoluene	1	85.1857	80.0766	6.2	13
4-Nitrophenol	1	53.4881	51.0869	4.6	41
Fluorene	1	77.5163	77.2498	0.34	14
4-Chlorophenyl-phenylether	1	81.2752	80.7353	0.67	13
Diethylphthalate	1	80.6122	80.7242	0.14	12
4,6-Dinitro-2-methylphenol	1	83.8655	90.5959	7.7	25
4-Bromophenyl-phenylether	1	76.235	85.5692	12	13
Hexachlorobenzene	1	76.5073	81.1419	5.9	12
Pentachlorophenol	1	81.1795	84.4192	3.9	31
Phenanthrene	1	73.6854	83.8844	13*	12
Anthracene	1	75.7222	81.4017	7.2	12
Di-n-butylphthalate	1	81.4369	88.8394	8.7	12
Fluoranthene	1	74.6641	84.4516	12	13
Pyrene	1	83.1245	81.4127	2.1	13
Butylbenzylphthalate	1	89.2516	89.3798	0.14	12
3,3'-Dichlorobenzidine	1	83.7698	79.0508	5.8	40
Benzo[a]anthracene	1	71.6839	74.2889	3.6	12
Chrysene	1	83.6815	85.5926	2.3	12
bis(2-Ethylhexyl)phthalate	1	83.2504	83.6628	0.49	14
Di-n-octylphthalate	1	85.8944	84.3759	1.8	14
Benzo[b]fluoranthene	1	88.2875	91.1049	3.1	15
Benzo[k]fluoranthene	1	63.5763	82.1111	25*	14
Benzo[a]pyrene	1	85.4514	85.217	0.27	13
Indeno[1,2,3-cd]pyrene	1	88.8138	94.6574	6.4	14
Dibenzo[a,h]anthracene	1	84.3628	92.4177	9.1	14
Benzo[g,h,i]perylene	1	85.1434	93.0673	8.9	15

* - Indicates outside of limits

NA - Both concentrations=0... no result can be calculated

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 18149 (100)
Client Id: MB 18149 (100)
Matrix: SOIL
Level: LOW

% Solid: 0
Units: MG/KG

Lab Name: Veritech
Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	0.5	50	07/31/12	18149	S14184E3	10	P	PEICPRAD3A
7440-36-0	Antimony	2.0	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-38-2	Arsenic	2.0	ND	1	0.5	50	07/30/12	18149	S14184C3	11	P	PEICP3A
7440-39-3	Barium	10	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-41-7	Beryllium	0.60	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-43-9	Cadmium	0.60	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-70-2	Calcium	1000	ND	1	0.5	50	07/31/12	18149	S14184E3	10	P	PEICPRAD3A
7440-47-3	Chromium	5.0	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-48-4	Cobalt	2.5	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-50-8	Copper	5.0	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7439-89-6	Iron	200	ND	1	0.5	50	07/31/12	18149	S14184E3	10	P	PEICPRAD3A
7439-92-1	Lead	5.0	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7439-95-4	Magnesium	500	ND	1	0.5	50	07/31/12	18149	S14184E3	10	P	PEICPRAD3A
7439-96-5	Manganese	10	ND	1	0.5	50	07/30/12	18149	S14184C3	11	P	PEICP3A
7439-98-7	Molybdenum	2.5	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-02-0	Nickel	5.0	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-09-7	Potassium	500	ND	1	0.5	50	07/31/12	18149	S14184E3	10	P	PEICPRAD3A
7782-49-2	Selenium	1.8	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-22-4	Silver	1.5	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-23-5	Sodium	250	ND	1	0.5	50	07/31/12	18149	S14184E3	10	P	PEICPRAD3A
7440-28-0	Thallium	1.2	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-31-5	Tin	5.7	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-32-6	Titanium	35	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-62-2	Vanadium	10	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A
7440-66-6	Zinc	10	ND	1	0.5	50	07/28/12	18149	S14184A3	11	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 18151 (0.5)
Client Id: MB 18151 (0.5)
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L

Lab Name: Veritech
Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-39-3	Barium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-70-2	Calcium	1000	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-89-6	Iron	150	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-95-4	Magnesium	1000	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-96-5	Manganese	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7439-98-7	Molybdenum	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-09-7	Potassium	2500	ND	1	100	50	08/03/12	18151	A14186B2	12	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-23-5	Sodium	2500	ND	1	100	50	08/03/12	18151	A14186B2	12	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-31-5	Tin	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-32-6	Titanium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	13	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 18149 (167)
Client Id: MB 18149 (167)
Matrix: SOIL
Level: LOW

% Solid: 0
Units: MG/KG

Lab Name: Veritech
Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7439-97-6	Mercury	0.083	ND	1	0.15	25	07/30/12	18149	H14184S	11	CV	HGCV1A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 18151 (1)
Client Id: MB 18151 (1)
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L

Lab Name: Veritech
Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	11	CV	HGCV1A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-1 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	910	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-39-3	Barium	25	120	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-70-2	Calcium	1000	45000	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7439-89-6	Iron	150	7100	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7439-95-4	Magnesium	1000	14000	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7439-96-5	Manganese	25	5000	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	14	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-09-7	Potassium	2500	3200	1	100	50	08/03/12	18151	A14186B2	15	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-23-5	Sodium	2500	9400	1	100	50	08/03/12	18151	A14186B2	15	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	16	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-2 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	24000	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-36-0	Antimony	15	ND	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-38-2	Arsenic	40	ND	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-39-3	Barium	50	4500	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-41-7	Beryllium	8.0	ND	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-43-9	Cadmium	4.0	5.3	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-70-2	Calcium	2000	120000	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-47-3	Chromium	100	ND	2	50	50	08/03/12	18151	A14186A2	33	P	PEICP2A
7440-48-4	Cobalt	20	41	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-50-8	Copper	50	160	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7439-89-6	Iron	300	140000	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7439-92-1	Lead	10	130	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7439-95-4	Magnesium	2000	33000	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7439-96-5	Manganese	200	120000	4	50	50	08/03/12	18151	A14186A2	35	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	23	CV	HGCV1A
7440-02-0	Nickel	20	75	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-09-7	Potassium	5000	7200	1	50	50	08/03/12	18151	A14186B2	30	P	PEICPRAD2A
7782-49-2	Selenium	100	ND	2	50	50	08/03/12	18151	A14186A2	33	P	PEICP2A
7440-22-4	Silver	40	ND	2	50	50	08/03/12	18151	A14186A2	33	P	PEICP2A
7440-23-5	Sodium	5000	13000	1	50	50	08/03/12	18151	A14186B2	30	P	PEICPRAD2A
7440-28-0	Thallium	20	ND	2	50	50	08/03/12	18151	A14186A2	33	P	PEICP2A
7440-62-2	Vanadium	50	66	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A
7440-66-6	Zinc	50	1200	1	50	50	08/03/12	18151	A14186A2	31	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-005	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-4 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	21000	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-39-3	Barium	25	1100	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-43-9	Cadmium	2.0	3.9	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-70-2	Calcium	1000	85000	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-47-3	Chromium	25	46	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-48-4	Cobalt	10	30	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-50-8	Copper	25	81	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7439-89-6	Iron	150	85000	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7439-92-1	Lead	5.0	160	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7439-95-4	Magnesium	1000	31000	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7439-96-5	Manganese	50	39000	2	100	50	08/03/12	18151	A14186A2	34	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	24	CV	HGCV1A
7440-02-0	Nickel	10	51	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-09-7	Potassium	2500	7200	1	100	50	08/03/12	18151	A14186B2	31	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-23-5	Sodium	2500	12000	1	100	50	08/03/12	18151	A14186B2	31	P	PEICPRAD2A
7440-28-0	Thallium	10	ND	2	100	50	08/03/12	18151	A14186A2	34	P	PEICP2A
7440-62-2	Vanadium	25	63	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A
7440-66-6	Zinc	25	450	1	100	50	08/03/12	18151	A14186A2	32	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-007	% Solid:	67	Lab Name:	Veritech	Nras No:	
Client Id:	SD-1	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	300	6900	1	0.5	50	07/31/12	18149	S14184E3	31	P	PEICPRAD3A
7440-36-0	Antimony	3.0	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-38-2	Arsenic	3.0	ND	1	0.5	50	07/30/12	18149	S14184C3	33	P	PEICP3A
7440-39-3	Barium	15	79	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-41-7	Beryllium	0.90	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-43-9	Cadmium	0.90	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-70-2	Calcium	1500	1500	1	0.5	50	07/31/12	18149	S14184E3	31	P	PEICPRAD3A
7440-47-3	Chromium	7.5	13	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-48-4	Cobalt	3.7	4.5	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-50-8	Copper	7.5	11	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7439-89-6	Iron	300	16000	1	0.5	50	07/31/12	18149	S14184E3	31	P	PEICPRAD3A
7439-92-1	Lead	7.5	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7439-95-4	Magnesium	750	3700	1	0.5	50	07/31/12	18149	S14184E3	31	P	PEICPRAD3A
7439-96-5	Manganese	15	1300	1	0.5	50	07/30/12	18149	S14184C3	33	P	PEICP3A
7439-97-6	Mercury	0.12	ND	1	0.15	25	07/30/12	18149	H14184S	26	CV	HGCV1A
7440-02-0	Nickel	7.5	11	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-09-7	Potassium	750	2100	1	0.5	50	07/31/12	18149	S14184E3	31	P	PEICPRAD3A
7782-49-2	Selenium	2.7	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-22-4	Silver	2.2	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-23-5	Sodium	370	ND	1	0.5	50	07/31/12	18149	S14184E3	31	P	PEICPRAD3A
7440-28-0	Thallium	1.8	ND	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-62-2	Vanadium	15	19	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A
7440-66-6	Zinc	15	35	1	0.5	50	07/28/12	18149	S14184A3	36	P	PEICP3A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-008	% Solid:	14	Lab Name:	Veritech	Nras No:	
Client Id:	SD-2	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	1400	11000	1	0.5	50	07/31/12	18149	S14184E3	32	P	PEICPRAD3A
7440-36-0	Antimony	14	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-38-2	Arsenic	14	ND	1	0.5	50	07/30/12	18149	S14184C3	34	P	PEICP3A
7440-39-3	Barium	71	820	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-41-7	Beryllium	4.3	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-43-9	Cadmium	4.3	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-70-2	Calcium	7100	16000	1	0.5	50	07/31/12	18149	S14184E3	32	P	PEICPRAD3A
7440-47-3	Chromium	36	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-48-4	Cobalt	18	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-50-8	Copper	36	37	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7439-89-6	Iron	1400	78000	1	0.5	50	07/31/12	18149	S14184E3	32	P	PEICPRAD3A
7439-92-1	Lead	36	61	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7439-95-4	Magnesium	3600	5800	1	0.5	50	07/31/12	18149	S14184E3	32	P	PEICPRAD3A
7439-96-5	Manganese	140	35000	2	0.5	50	07/30/12	18149	S14184C3	28	P	PEICP3A
7439-97-6	Mercury	0.60	ND	1	0.15	25	07/30/12	18149	H14184S	27	CV	HGCV1A
7440-02-0	Nickel	36	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-09-7	Potassium	3600	ND	1	0.5	50	07/31/12	18149	S14184E3	32	P	PEICPRAD3A
7782-49-2	Selenium	13	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-22-4	Silver	11	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-23-5	Sodium	1800	ND	1	0.5	50	07/31/12	18149	S14184E3	32	P	PEICPRAD3A
7440-28-0	Thallium	8.6	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-62-2	Vanadium	71	ND	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A
7440-66-6	Zinc	71	240	1	0.5	50	07/28/12	18149	S14184A3	37	P	PEICP3A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-009	% Solid:	31	Lab Name:	Veritech	Nras No:	
Client Id:	SD-4	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	650	11000	1	0.5	50	07/31/12	18149	S14184E3	33	P	PEICPRAD3A
7440-36-0	Antimony	6.5	ND	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-38-2	Arsenic	6.5	ND	1	0.5	50	07/30/12	18149	S14184C3	35	P	PEICP3A
7440-39-3	Barium	32	220	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-41-7	Beryllium	1.9	ND	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-43-9	Cadmium	1.9	ND	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-70-2	Calcium	3200	17000	1	0.5	50	07/31/12	18149	S14184E3	33	P	PEICPRAD3A
7440-47-3	Chromium	16	27	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-48-4	Cobalt	8.1	8.8	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-50-8	Copper	16	25	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7439-89-6	Iron	650	33000	1	0.5	50	07/31/12	18149	S14184E3	33	P	PEICPRAD3A
7439-92-1	Lead	16	57	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7439-95-4	Magnesium	1600	12000	1	0.5	50	07/31/12	18149	S14184E3	33	P	PEICPRAD3A
7439-96-5	Manganese	32	8000	1	0.5	50	07/30/12	18149	S14184C3	35	P	PEICP3A
7439-97-6	Mercury	0.27	ND	1	0.15	25	07/30/12	18149	H14184S	28	CV	HGCV1A
7440-02-0	Nickel	16	23	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-09-7	Potassium	1600	1800	1	0.5	50	07/31/12	18149	S14184E3	33	P	PEICPRAD3A
7782-49-2	Selenium	5.8	ND	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-22-4	Silver	4.8	ND	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-23-5	Sodium	810	ND	1	0.5	50	07/31/12	18149	S14184E3	33	P	PEICPRAD3A
7440-28-0	Thallium	3.9	ND	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-62-2	Vanadium	32	38	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A
7440-66-6	Zinc	32	140	1	0.5	50	07/28/12	18149	S14184A3	38	P	PEICP3A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-2 U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	12000	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-39-3	Barium	25	330	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-70-2	Calcium	1000	81000	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-47-3	Chromium	25	34	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-48-4	Cobalt	10	18	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-50-8	Copper	25	27	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7439-89-6	Iron	150	86000	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7439-92-1	Lead	5.0	16	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7439-95-4	Magnesium	1000	27000	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7439-96-5	Manganese	25	9100	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	25	CV	HGCV1A
7440-02-0	Nickel	10	26	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-09-7	Potassium	2500	6800	1	100	50	08/03/12	18151	A14186B2	32	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-23-5	Sodium	2500	43000	1	100	50	08/03/12	18151	A14186B2	32	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-62-2	Vanadium	25	46	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A
7440-66-6	Zinc	25	62	1	100	50	08/03/12	18151	A14186A2	38	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-2 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-39-3	Barium	25	130	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-70-2	Calcium	1000	77000	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7439-89-6	Iron	150	25000	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7439-95-4	Magnesium	1000	22000	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7439-96-5	Manganese	25	8800	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	26	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-09-7	Potassium	2500	4800	1	100	50	08/03/12	18151	A14186B2	33	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-23-5	Sodium	2500	43000	1	100	50	08/03/12	18151	A14186B2	33	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	39	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	LMW-2 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-39-3	Barium	25	120	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-70-2	Calcium	1000	74000	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7439-89-6	Iron	150	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7439-95-4	Magnesium	1000	29000	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7439-96-5	Manganese	25	210	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	27	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-09-7	Potassium	2500	3700	1	100	50	08/03/12	18151	A14186B2	34	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-23-5	Sodium	2500	27000	1	100	50	08/03/12	18151	A14186B2	34	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	40	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-014	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB-1 LF U	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-39-3	Barium	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-70-2	Calcium	1000	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7439-89-6	Iron	150	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7439-95-4	Magnesium	1000	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7439-96-5	Manganese	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	28	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-09-7	Potassium	2500	ND	1	100	50	08/03/12	18151	A14186B2	35	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-23-5	Sodium	2500	ND	1	100	50	08/03/12	18151	A14186B2	35	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	41	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC67281-017	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	LMW-4 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/26/2012	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	100	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-36-0	Antimony	7.5	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-38-2	Arsenic	20	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-39-3	Barium	25	160	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-41-7	Beryllium	4.0	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-43-9	Cadmium	2.0	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-70-2	Calcium	1000	60000	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-47-3	Chromium	25	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-48-4	Cobalt	10	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-50-8	Copper	25	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7439-89-6	Iron	150	72000	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7439-92-1	Lead	5.0	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7439-95-4	Magnesium	1000	25000	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7439-96-5	Manganese	25	14000	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7439-97-6	Mercury	0.20	ND	1	25	25	08/08/12	18151	H14186Ac	29	CV	HGCV1A
7440-02-0	Nickel	10	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-09-7	Potassium	2500	3800	1	100	50	08/03/12	18151	A14186B2	36	P	PEICPRAD2A
7782-49-2	Selenium	25	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-22-4	Silver	10	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-23-5	Sodium	2500	31000	1	100	50	08/03/12	18151	A14186B2	36	P	PEICPRAD2A
7440-28-0	Thallium	5.0	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-62-2	Vanadium	25	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A
7440-66-6	Zinc	25	ND	1	100	50	08/03/12	18151	A14186A2	42	P	PEICP2A

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/27/12
Data File: S14184A3
Prep Batch: 18149
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg),6020
Instrument: PEICP3A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-8	CCB V-143551-20	CCB V-143551-30	CCB V-143551-41	CCB V-143551-52	MB 18149 (100)-11	MB FB (1)-47
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U	2 U	.02 U
Barium	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U
Beryllium	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U	.006 U
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U	.006 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Cobalt	.025 U	.025 U	.025 U	.025 U	.025 U	2.5 U	.025 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Lead	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U	1.8 U	.018 U
Silver	.015 U	.015 U	.015 U	.015 U	.015 U	1.5 U	.015 U
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U	1.2 U	.012 U
Vanadium	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/30/12
Data File: S14184C3
Prep Batch: 18149
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg),6020
Instrument: PEICP3A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-8	CCB V-143551-20	CCB V-143551-32	CCB V-143551-44	MB 18149 (100)-11	MB FB (1)-39		
Arsenic	.02 U	.02 U	.02 U	.02 U	2 U	.02 U		
Manganese	.1 U	.1 U	.1 U	.1 U	10 U	.1 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/31/12
Data File: S14184E3
Prep Batch: 18149
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg),6020
Instrument: PEICPRAD3A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-7	CCB V-143551-19	CCB V-143551-30	CCB V-143551-41	MB 18149 (100)-10	MB FB (1)-36		
Aluminum	2 U	2 U	2 U	2 U	200 U	2 U		
Calcium	10 U	10 U	10 U	10 U	1000 U	10 U		
Iron	2 U	2 U	2 U	2 U	200 U	2 U		
Magnesium	5 U	5 U	5 U	5 U	500 U	5 U		
Potassium	5 U	5 U	5 U	5 U	500 U	5 U		
Sodium	2.5 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/03/12
Data File: A14186A2
Prep Batch: 18151
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-8	CCB-12	CCB-23	CCB-30	CCB-37	CCB-46	MB 18151 (0.5)-13
Aluminum	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.1 U
Antimony	.015 U	.015 U	.015 U	.015 U	.015 U	.015 U	.0075 U
Arsenic	.04 U	.04 U	.04 U	.04 U	.04 U	.04 U	.02 U
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Beryllium	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.004 U
Cadmium	.004 U	.004 U	.004 U	.004 U	.004 U	.004 U	.002 U
Calcium	2 U	2 U	2 U	2 U	2 U	2 U	1 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Cobalt	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Iron	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.15 U
Lead	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U
Magnesium	2 U	2 U	2 U	2 U	2 U	2 U	1 U
Manganese	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Nickel	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U
Selenium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	.01 U
Thallium	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.005 U
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.025 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/03/12
Data File: A14186B2
Prep Batch: 18151
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-143551-7	CCB-11	CCB-22	CCB-29	CCB-40	MB 18151 (0.5)-12		
Potassium	5 U	5 U	5 U	5 U	5 U	2.5 U		
Sodium	5 U	5 U	5 U	5 U	5 U	2.5 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/08/12
Data File: H14186Ac
Prep Batch: 18151
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-31	MB 18151 (1)-11				
Mercury	.2 U	.2 U	.2 U	.2 U				

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/30/12
Data File: H14184S
Prep Batch: 18149
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg),6020
Instrument: HGCV1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 2072518

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-34	CCB-37	MB 18149 (167)-11	MB FB (1)-32		
Mercury	.5 U	.5 U	.5 U	.5 U	83 U	.5 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC67281-001
Matrix Aqueous
Client SampleID: SW-1 U
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**5.8**	**mg/L**	**2.0**	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/30/12

Lab#: AC67281-003
Matrix Aqueous
Client SampleID: SW-2 U
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**6.5**	**mg/L**	**2.0**	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	**1**	**0.030**	**mg/L**	**0.020**	07/27/12	07/31/12

Lab#: AC67281-005
Matrix Aqueous
Client SampleID: SW-4 U
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**6.6**	**mg/L**	**2.0**	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/31/12

Lab#: AC67281-007
Matrix Soil
Client SampleID: SD-1
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	1	ND	mg/Kg	30	07/28/12	07/28/12
Cyanide	CN-S-9012	1	ND	mg/Kg	0.36	07/30/12	07/30/12

Lab#: AC67281-008
Matrix Soil
Client SampleID: SD-2
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	1	ND	mg/Kg	140	07/28/12	07/28/12
Cyanide	CN-S-9012	**1**	**2.3**	**mg/Kg**	**1.7**	07/30/12	07/30/12

Lab#: AC67281-009
Matrix Soil
Client SampleID: SD-4
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	1	ND	mg/Kg	65	07/28/12	07/28/12
Cyanide	CN-S-9012	1	ND	mg/Kg	0.77	07/30/12	07/30/12

Lab#: AC67281-010
Matrix Aqueous
Client SampleID: PC-2 U
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**23**	**mg/L**	**2.0**	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/31/12

Lab#: AC67281-012
Matrix Aqueous
Client SampleID: LMW-2 U
Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**13**	**mg/L**	**2.0**	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/31/12

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC67281-014
Matrix Aqueous
Client SampleID: FB-1 LF U

Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	1	ND	mg/L	2.0	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/31/12

Lab#: AC67281-016
Matrix Aqueous
Client SampleID: LMW-4 U

Project Number: 2072518
Received Date: 7/25/2012
Collect Date: 7/25/2012

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**15**	**mg/L**	**2.0**	07/31/12	07/31/12
Cyanide	CN-WATER-MUR	1	ND	mg/L	0.020	07/27/12	07/31/12

Blank Summary

Instrument: IC1

Qc Type: Method Blank Summary Prep Date: 7/31/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/31/12 09:51	MBW-1271	29	Chloride	ND	2.0

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/28/12 15:59	ICB	8	Chloride	ND	2.0

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/31/12 09:29	CCB	28	Chloride	ND	2.0
20120728132	7/31/12 13:57	CCB	40	Chloride	ND	2.0
20120728132	7/31/12 18:26	CCB	52	Chloride	ND	2.0

MS/MSD/DUP Recovery

Prep Batch: S-1079 Sample ID: AC67168-001
Method: EPA 9056A Matrix Soil

Qc Type: MS		Limits		MS	Sam			MS/MSD/DUP			Non Spike		
Analyte	Amt	Recov	Dil	Conc	Conc	Recov	Flag	Batch	RunID	Analysis Date	Batch	RunID	Analysis Date
Chloride	5	80-120	1	9.9628	6.2406	74	Ms	20120728132	12	07/28/12 17:27	20120728132	11	07/28/12 17:05

Qc Type: MSD		Limits			MS	Sam			MS/MSD/DUP			Non Spike		
Analyte	Amt	Recov	Rpd	Dil	Conc	Conc	Recov	Rpd	Flag	Batch	RunID	Analysis Date	Batch	RunID	Analysis Date
Chloride	5	80-120	20	1	9.7638	6.2406	70	2	Ms	20120728132	13	07/28/12 17:50	20120728132	11	07/28/12 17:05

Blank Summary

Instrument: IC1

Qc Type: Method Blank Summary Prep Date: 7/28/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/28/12 16:21	MBS-1079	9	Chloride	ND	20

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/28/12 15:59	ICB	8	Chloride	ND	2.0

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120728132	7/28/12 20:27	CCB	20	Chloride	ND	2.0
20120728132	7/28/12 22:19	CCB	25	Chloride	ND	2.0

MS/MSD/DUP Recovery

Prep Batch: s-944 | Sample ID: AC67339-001
Method: EPA 9012B | Matrix Soil

Qc Type: DUP

Analyte	Amt	Limits Recov	Limits Rpd	Dil	MSD Conc	Sam Conc	Recov	Rpd	Flag	MS/MSD/DUP Batch	MS/MSD/DUP RunID	MS/MSD/DUP Analysis Date	Non Spike Batch	Non Spike RunID	Non Spike Analysis Date
Cyanide		-	20	1	0.0976	0.1907		48.2		20120730150	14	07/30/12 15:35	20120730150	13	07/30/12 15:33

Qc Type: MS

Analyte	Amt	Limits Recov	Dil	MS Conc	Sam Conc	Recov	Flag	MS/MSD/DUP Batch	MS/MSD/DUP RunID	MS/MSD/DUP Analysis Date	Non Spike Batch	Non Spike RunID	Non Spike Analysis Date
Cyanide	0.4	75-125	1	0.435	0.1907	61	Ms	20120730150	15	07/30/12 15:37	20120730150	13	07/30/12 15:33

Qc Type: MSD

Analyte	Amt	Limits Recov	Limits Rpd	Dil	MSD Conc	Sam Conc	Recov	Rpd	Flag	MS/MSD/DUP Batch	MS/MSD/DUP RunID	MS/MSD/DUP Analysis Date	Non Spike Batch	Non Spike RunID	Non Spike Analysis Date
Cyanide	0.4	75-125	20	1	0.2823	0.1907	23	42.6	MsMr	20120730150	16	07/30/12 15:39	20120730150	13	07/30/12 15:33

Blank Summary

Instrument: DA1

Qc Type: Method Blank Summary Prep Date: 7/30/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730150	7/30/12 15:29	MBS-944	11	Cyanide	ND	0.02

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730150	7/30/12 15:27	CCB	10	Cyanide	ND	0.02

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730150	7/30/12 15:52	CCB	22	Cyanide	ND	0.02
20120730150	7/30/12 16:04	CCB	29	Cyanide	ND	0.02

Blank Summary

Instrument: Flow1

Qc Type: Method Blank Summary Prep Date: 7/27/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730170	7/30/12 16:14	MBW-571	17	Cyanide	ND	0.02

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730170	7/30/12 16:10	ICB	15	Cyanide	ND	0.02

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120730170	7/30/12 16:37	CCB	28	Cyanide	ND	0.02
20120730170	7/30/12 16:53	CCB	36	Cyanide	ND	0.02

Blank Summary

Instrument: DA1

Qc Type: Method Blank Summary Prep Date: 7/27/12

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120731135	7/31/12 14:16	MBW-572	11	Cyanide	ND	0.02

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120731135	7/31/12 14:13	CCB	10	Cyanide	ND	0.02

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
20120731135	7/31/12 14:39	CCB	22	Cyanide	ND	0.02
20120731135	7/31/12 14:51	CCB	29	Cyanide	ND	0.02

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