June 24, 2011

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, April 2011

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 April 19, 2011 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 March 2011 and approved by NYSDOT on March 9, 2011. 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.

CA met with the NYSDOT site representative prior to the monitoring event to discuss field activities and locate the monitoring wells. Field instruments used were calibrated on-site prior to sampling.

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 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 Survey
The monitoring of the Harrison Landfill site included a visual inspection of site for the presence of vector/vermin. Other than low numbers of mosquitoes in the drainage swale areas, 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.

Non-RCRA metals iron, manganese and sodium were detected at concentrations exceeding NYSDEC Standards in groundwater samples. Iron and manganese

exceedances were reported in downgradient wells PC-2, PC-3 and LMW-4 (highest concentration in LMW-4). Sodium exceedances were reported in all wells, with highest concentrations in off-site downgradient well PC-3. Chloride was detected in all monitoring wells, which was reported below the NYSDEC Standard. Cyanide was detected in two wells, LMW-2 and LMW-4, both reported below the NYSDEC Standard. VOCs and SVOCs were not detected in any of the groundwater monitoring wells. No floating product or sheen was detected in any of the wells during purging.

Water quality parameters of temperature, pH, specific conductivity and turbidity are provided in Table 3. 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.

Surface water from the on-site background location (SW-1) and one or more of the on-site downgradient locations (SW-2 through SW-4) were reported with concentrations of non-RCRA metals (aluminum, iron and sodium) exceeding NYSDEC Standards. All four surface water sample locations were reported with aluminum concentrations exceeding the NYSDEC Class A Standard for fish propagation (a Class GA Standard has not been established for aluminum). Iron exceedances were detected from the on-site background location and one on-site downgradient location (SW-2) for NYSDEC Class GA Standards as well as NYSDEC Class A Standards for fish propagation and aesthetics. Sodium concentrations at downgradient locations SW-3 (on-site) and SW-4 (off-site) exceeded the NYSDEC Class GA Standard.

Chloride was detected in all surface water samples, but at concentrations below NYSDEC Standards. Cyanide was not detected in any of the surface water samples. No VOCs or SVOCs were detected in any of the surface water samples.

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 presented in Table 3.

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). Metals were detected in all sediment samples with the exception of SD-3. RCRA metal chromium and non-RCRA metals copper, iron, nickel and zinc were reported at concentrations exceeding NYSDEC Standards. Sediment samples SD-1

(background location) and SD-2 (on-site) contained exceedances for chromium, copper, and iron. Nickel and zinc exceedances were reported for SD-1 and SD-2, respectively. Nickel was detected in both the background location and the off-site location at the same concentration, which was above the NYSDEC Standard.

Chloride was detected in all four sediment samples. Cyanide was detected only in SD-4 at a concentration of 1.2 parts per million (ppm). Metal concentrations for sediment samples are presented in Table 4.

One SVOC, pyrene, was detected above the NYSDEC Technical Guidance for Screening Contaminated Sediments; exceeding the standard for wildlife bioaccumulation in SD-2. Total VOC and total SVOC concentrations for the sediment samples are presented in Table 5.

Gas Monitoring

Methane gases were not detected in any of the gas vents. The combustible gas indicator did not detect concentrations levels above the alarms set for methane, hydrogen sulfide, carbon monoxide, or oxygen. PID readings and FID readings of the gas vents and around the perimeter of the landfill were zero.

QA/QC Results

The QA/QC results of the duplicate sample (LF-1) to the original sample (PC-1) indicates an acceptable degree of precision and accuracy of the analytical results reported by the laboratory and confirms the adequacy of decontamination, handling and transportation procedures to meet quality requirements for the monitoring program. In addition, the analytical results of the trip blank were all non-detect. The field blank was reported with a detection of chloride only, detected slightly above the reporting limit of 1.0 ug/L.

Conclusion and Recommendations

Historic monitoring at the site detected mercury in groundwater, sediment and surface water samples at concentrations exceeding the NYSDEC Standard. Consistent with the previous sampling round in January 2010, mercury was not detected in any of the groundwater, sediment or surface water samples during the April 2011 sampling.

Groundwater results indicated that high sodium concentrations exist throughout the site. Iron and manganese concentrations were detected in downgradient wells only, including the off-site downgradient well.

Aluminum concentrations in surface water were detected throughout the site, including the background sample and off-site downgradient sample, indicating that the landfill is not a contributing factor to aluminum concentrations in surface water in the surrounding area. Sodium was detected in the background surface water sample (below the NYSDEC Standard) and at concentrations exceeding the NYSDEC Standard in two downgradient locations. Iron exceedances in surface water were reported for the background location and an on-site downgradient location. Iron was detected below the NYSDEC Standard at

the off-site downgradient location and therefore, does not appear to be migrating from the landfill in surface water.

Sediment samples with exceedances for chromium, copper, iron and nickel were reported in both the on-site background sample location and downgradient locations. Nickel concentrations were the same in the background location and downgradient off-site location and do not appear to be emanating from the landfill. The highest concentrations of chromium, copper and iron were reported in the on-site downgradient location (SD-2). SD-2 was also the only sediment location that was reported with zinc and pyrene (SVOC) concentrations exceeding NYSDEC Standards.

The area of highest contamination appears to be in the northwestern portion of the landfill, with greatest concentrations of metals in groundwater. 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. 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 metal concentrations from an upgradient source.

The post-closure monitoring of the Harrison Landfill Site will be continued on a fifth-quarter basis unless otherwise decided by NYSDEC.

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:	PC-3	PC-2	LMW-4	LMW-2	PC-1	LF-1
Analyte	**Units**	**NYSDEC CLASS GA STD/GV**						
Volatiles								
Total VOCs	ug/L	5	ND	ND	ND	ND	ND	ND
Semi-Volatiles								
Total SVOCs	ug/L	50	ND	ND	ND	ND	ND	ND
Metals								
Mercury	ug/L	0.7	ND	ND	ND	ND	ND	ND
Aluminum	ug/L	NS	140	150	200	410	150	140
Antimony	ug/L	3	ND	ND	ND	ND	ND	ND
Arsenic	ug/L	25	ND	ND	ND	ND	ND	ND
Barium	ug/L	1000	91	67	81	130	72	72
Beryllium	ug/L	3	ND	ND	ND	ND	ND	ND
Cadmium	ug/L	5	ND	ND	ND	ND	ND	ND
Calcium	ug/L	NS	38,000	73,000	44,000	85,000	76,000	76,000
Chromium	ug/L	50	ND	ND	ND	ND	ND	ND
Cobalt	ug/L	NS	ND	ND	19	ND	ND	ND
Copper	ug/L	200	ND	ND	ND	ND	ND	ND
Iron	ug/L	300	**680**	**4,900**	**34,000**	ND	ND	ND
Lead	ug/L	25	ND	ND	ND	ND	ND	ND
Magnesium	ug/L	35,000	12,000	19,000	18,000	33,000	12,000	12,000
Manganese	ug/L	300	**390**	**9,500**	**17,000**	130	ND	ND
Nickel	ug/L	100	ND	ND	ND	ND	ND	ND
Potassium	ug/L	NS	5,100	3,900	3,000	3,800	3,200	3,200
Selenium	ug/L	10	ND	ND	ND	ND	ND	ND
Silver	ug/L	50	ND	ND	ND	ND	ND	ND
Sodium	ug/L	20,000	**49,000**	**36,000**	**29,000**	**33,000**	**36,000**	**36,000**
Thallium	ug/L	0.5	ND	ND	ND	ND	ND	ND
Vanadium	ug/L	NS	ND	ND	ND	ND	ND	ND
Zinc	ug/L	2000	ND	ND	ND	ND	ND	ND
Chloride	ug/L	250,000	82,000	21,000	26,000	21,000	49,000	49,000
Cyanide	ug/L	200,000	ND	ND	20	20	ND	ND

Notes:

BOLD - indicates a concentration exceeding NYSDEC Standard or Guidance Value

NS - no standard

ND - not detected at analytical detection limit

LF-1 serves as the duplicate sample taken from PC-1

Table 2. Analytical Results of Surface Water Samples

			Sample ID:	SW-1	SW-2	SW-3	SW-4	FB-1	TRIP
Analyte	**Units**	**NYSDEC Class GA Std.**	**NYSDEC Class A Std.**						
Volatiles									
Total VOCs	ug/L	NA	NA	ND	ND	ND	ND	ND	ND
Semi-Volatiles									
Total SVOCs	ug/L	NA	NA	ND	ND	ND	ND	ND	NA
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	ND	NA
Aluminum	ug/L	NS	100[2]	**180**	**190**	**160**	**230**	ND	NA
Antimony	ug/L	3	3[1]	ND	ND	ND	ND	ND	NA
Arsenic	ug/L	25	50[1], 150[2], 340[3]	ND	ND	ND	ND	ND	NA
Barium	ug/L	1,000	1,000[1]	29	26	48	ND	ND	NA
Beryllium	ug/L	3	3[1]	ND	ND	ND	ND	ND	NA
Cadmium	ug/L	5	5[1]	ND	ND	ND	ND	ND	NA
Calcium	ug/L	NS	NS	31,000	29,000	91,000	26,000	ND	NA
Chromium	ug/L	50	50[1]	ND	ND	ND	ND	ND	NA
Cobalt	ug/L	NS	5[2]	ND	ND	ND	ND	ND	NA
Copper	ug/L	200	200[1]	ND	ND	ND	ND	ND	NA
Iron	ug/L	300	300[2,4]	**310**	**410**	170	170	ND	NA
Lead	ug/L	25	50[1]	ND	ND	ND	ND	ND	NA
Magnesium	ug/L	35,000	35,000[1]	8,900	8,200	11,000	7,300	ND	NA
Manganese	ug/L	300	300[4]	260	210	210	50	ND	NA
Nickel	ug/L	100	100[1]	ND	ND	ND	ND	ND	NA
Potassium	ug/L	NS	NS	3,000	3,000	3,800	2,700	ND	NA
Selenium	ug/L	10	10[1], 4.6[2]	ND	ND	ND	ND	ND	NA
Silver	ug/L	50	50[1]	ND	ND	ND	ND	ND	NA
Sodium	ug/L	20,000	NS	11,000	18,000	**44,000**	**20,000**	ND	NA
Thallium	ug/L	0.5	0.5[1], 8[2]	ND	ND	ND	ND	ND	NA
Vanadium	ug/L	NS	14[2]	ND	ND	ND	ND	ND	NA
Zinc	ug/L	2000	2,000[1], 5,000[4]	ND	ND	ND	ND	ND	NA
Chloride	ug/L	250,000	250,000[1]	8,900	21,000	59,000	24,000	1,100	NA
Cyanide	ug/L	200,000	200[1], 9000[5], 5.2[2], 22[3]	ND	ND	ND	ND	ND	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. Surface Water Quality Parameters

Station ID	Time	Sample Depth	Total Depth	Temp (°C)	pH	Cond. (ms/cm)	Turb (NTUs)	DO (mg/l)	Flow (CFS)
SW-1	0150	0-4”	8.5”	9.48	7.31	0.27	0	9.38	1.5
SW-2	1208	0-4”	4”	9.42	7.42	0.299	0	10.76	1.6
SW-3	1500	0-4”	12”	8.71	7.45	0.723	0	8.37	1.4
SW-4	1600	0-4”	1’5”	9.6	7.8	0.278	0	10.67	1.8

Table 4. Analytical Results of Sediment Samples for Metals

			Sample ID:	SD-1	SD-2	SD-3	SD-4
		Sediment Criteria					
Analyte	**Units**	**LEL**	**SEL**				
Metals							
Mercury	mg/Kg	0.15	1.3	ND	ND	ND	ND
Aluminum	mg/Kg	NS	NS	11,000	12,000	5,400	8,100
Antimony	mg/Kg	2	25	ND	ND	ND	ND
Arsenic	mg/Kg	6	33	ND	ND	2.7	ND
Barium	mg/Kg	NS	NS	190	860	27	150
Beryllium	mg/Kg	NS	NS	ND	ND	ND	ND
Cadmium	mg/Kg	0.6	9	ND	ND	ND	ND
Calcium	mg/Kg	NS	NS	6,000	14,000	76,000	17,000
Chromium	mg/Kg	26	110	**29**	**44**	8.7	25
Cobalt	mg/Kg	NS	NS	11	ND	6	8.5
Copper	mg/Kg	16	110	**27**	**48**	11	17
Iron	mg/Kg	20,000	40,000	**28,000**	**58,000**	15,000	19,000
Lead	mg/Kg	31	110	26	68	9.7	32
Magnesium	mg/Kg	NS	NS	5,100	6,000	39,000	13,000
Manganese	mg/Kg	460	1,100	4,200	29,000	390	3,400
Nickel	mg/Kg	16	50	**20**	ND	11	**20**
Potassium	mg/Kg	NS	NS	2,800	ND	1,700	1,900
Selenium	mg/Kg	NS	NS	ND	16	ND	ND
Silver	mg/Kg	1	2.2	ND	ND	ND	ND
Sodium	mg/Kg	NS	NS	ND	ND	ND	ND
Thallium	mg/Kg	NS	NS	ND	ND	ND	ND
Vanadium	mg/Kg	NS	NS	37	ND	ND	33
Zinc	mg/Kg	120	270	94	**270**	32	93
Chloride	mg/Kg	NS	NS	280	1,200	230	290
Cyanide	mg/Kg	NS	NS	ND	ND	ND	1.2

Notes:
NS - No Standard
ND - Not detected
BOLD indicates a concentration exceeding NYSDEC Standard

Table 5. Analytical Results of Sediment Samples for VOCs and SVOCs

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-3 mg/Kg	SD-4 mg/Kg
Semi-Volatiles								
Total SVOCs					2.1	3.11	0	1.85
Benzo[a]anthracene	NS	NS	NS	NS	0.19	ND	ND	0.16
Benzo[a]pyrene	NS	NS	NS	NS	0.21	0.56	ND	0.22
Benzo[b]fluoranthene	NS	NS	NS	NS	0.31	0.85	ND	0.33
Benzo[g,h,i]perylene	NS	NS	NS	NS	0.19	ND	ND	0.18
Chrysene	NS	NS	NS	NS	0.22	ND	ND	0.18
Fluoranthene	NS	NS	1.020 (E)[1] 1.340 (E)	NS	0.3	0.72	ND	0.28
Indeno[1,2,3-cd]pyrene	NS	NS	NS	NS	0.15	ND	ND	0.16
Phenanthrene	NS	NS	NS	NS	0.14	ND	ND	ND
Pyrene	NS	0.877	NS	0.961	0.39	**0.98**	ND	0.34
Volatiles								
Total VOCs					0.028	0	0.022	0
Acetone	NS	NS	NS	NS	0.028	ND	0.022	ND

Notes:

[1] - (E) EPA criteria was used if water quality criteria was not listed in TOGS 1.1.1

BOLD indicates a concentration exceeding NYSDEC Standard

NS - No Standard

ND - Not detected

Table 6. Gas Vent Monitoring Results

Station ID	Time	%LEL CGI	PID Equiv.	FID (ppm)		Background	
				With CH4 filter	W/Out CH4 filter	PID	FID
V-1	0730	0	0	0	0	0	0
V-2	0735	0	0	0	0	0	0
V-3	0740	0	0	0	0	0	0
V-4	0745	0	0	0	0	0	0
S Perimeter	0747	0	0	0	0	0	0
E Perimeter	0750	0	0	0	0	0	0
N Perimeter	0755	0	0	0	0	0	0
W Perimeter	0800	0	0	0	0	0	0

FIGURE 1

Harrison Subresidency Post Closure Quarterly Monitoring Report
Site Location

NYSDOT PIN: 8806.51.101

Cashin Associates, P.C.
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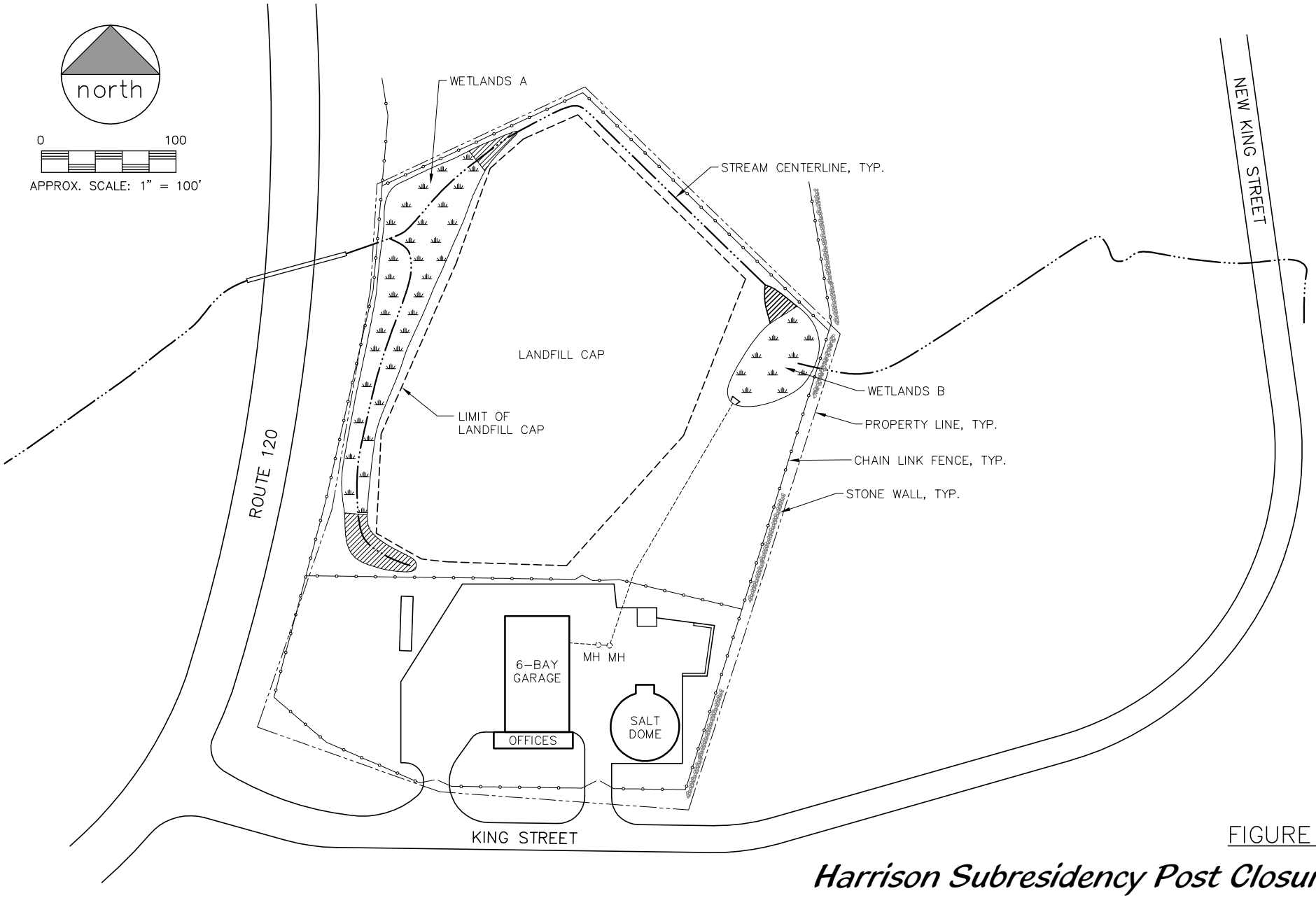

FIGURE 2

Harrison Subresidency Post Closure Quarterly Monitoring Report Site Map

NYSDOT PIN: 8806.51.101

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9051.003

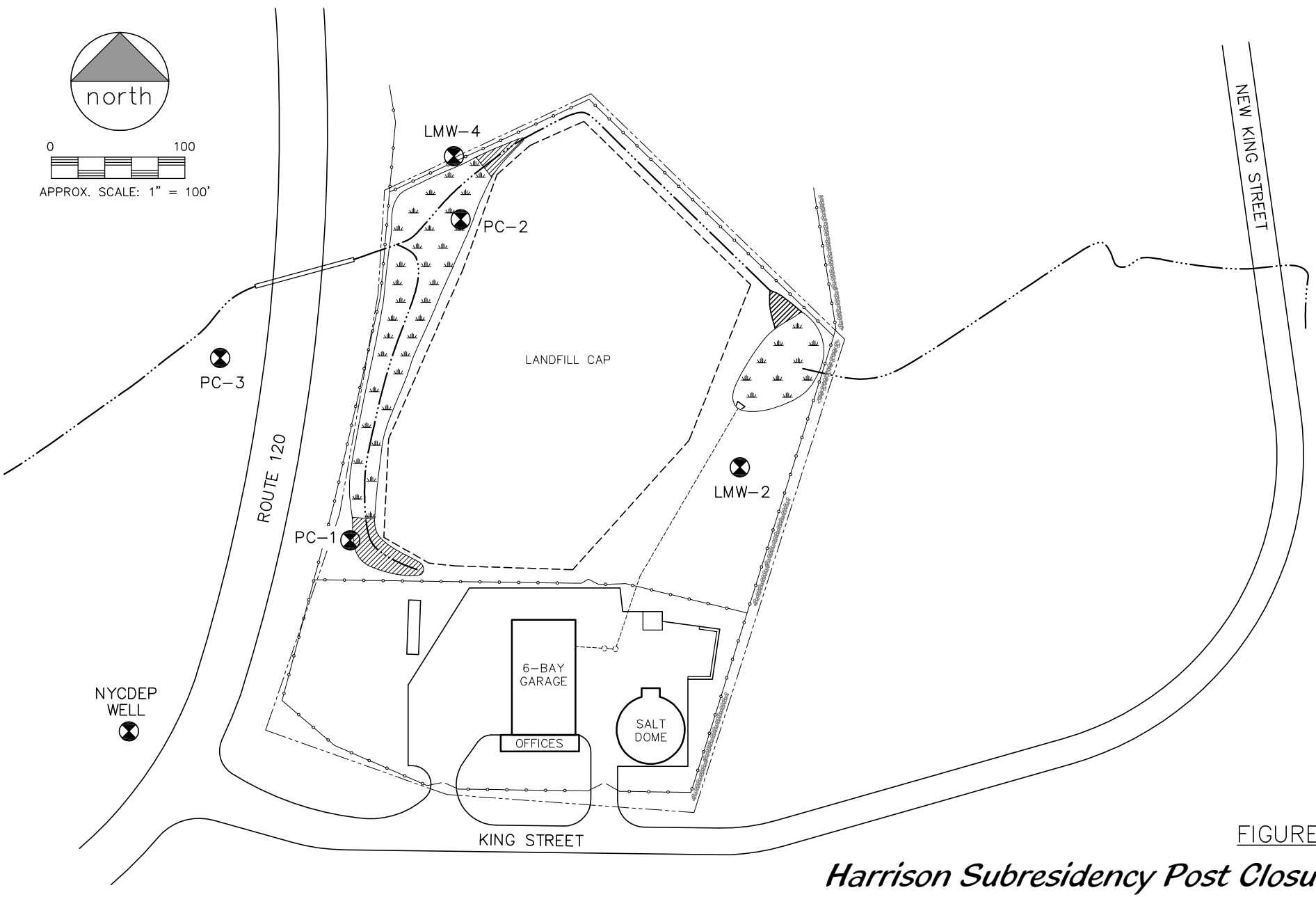

FIGURE 3

Harrison Subresidency Post Closure
Quarterly Monitoring Report
Groudwater Monitoring Well Locations

NYSDOT PIN: 8806.51.101

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9051.003

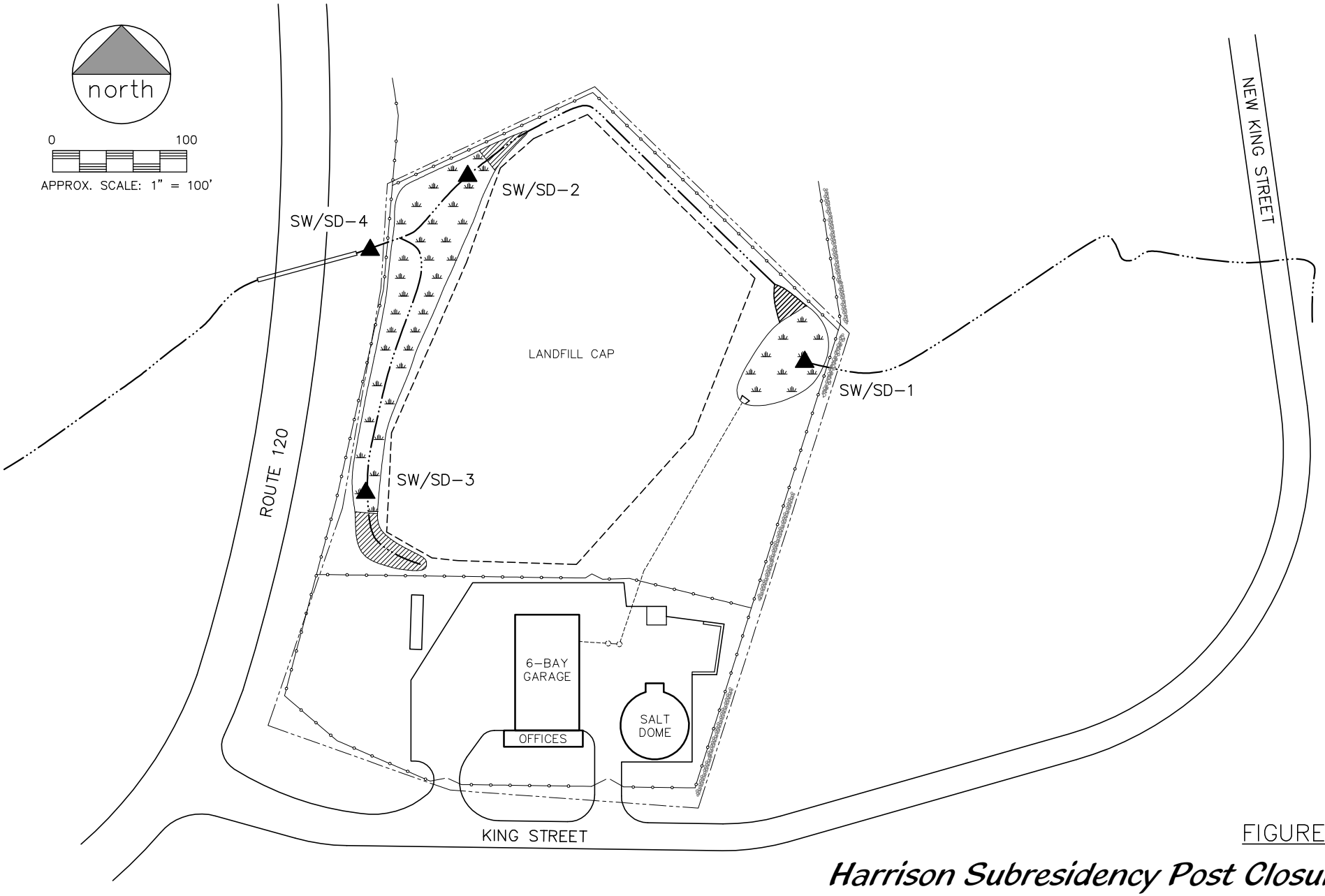

FIGURE 4

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

NYSDOT PIN: 8806.51.101

Cashin Associates, P.C.
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9051.003

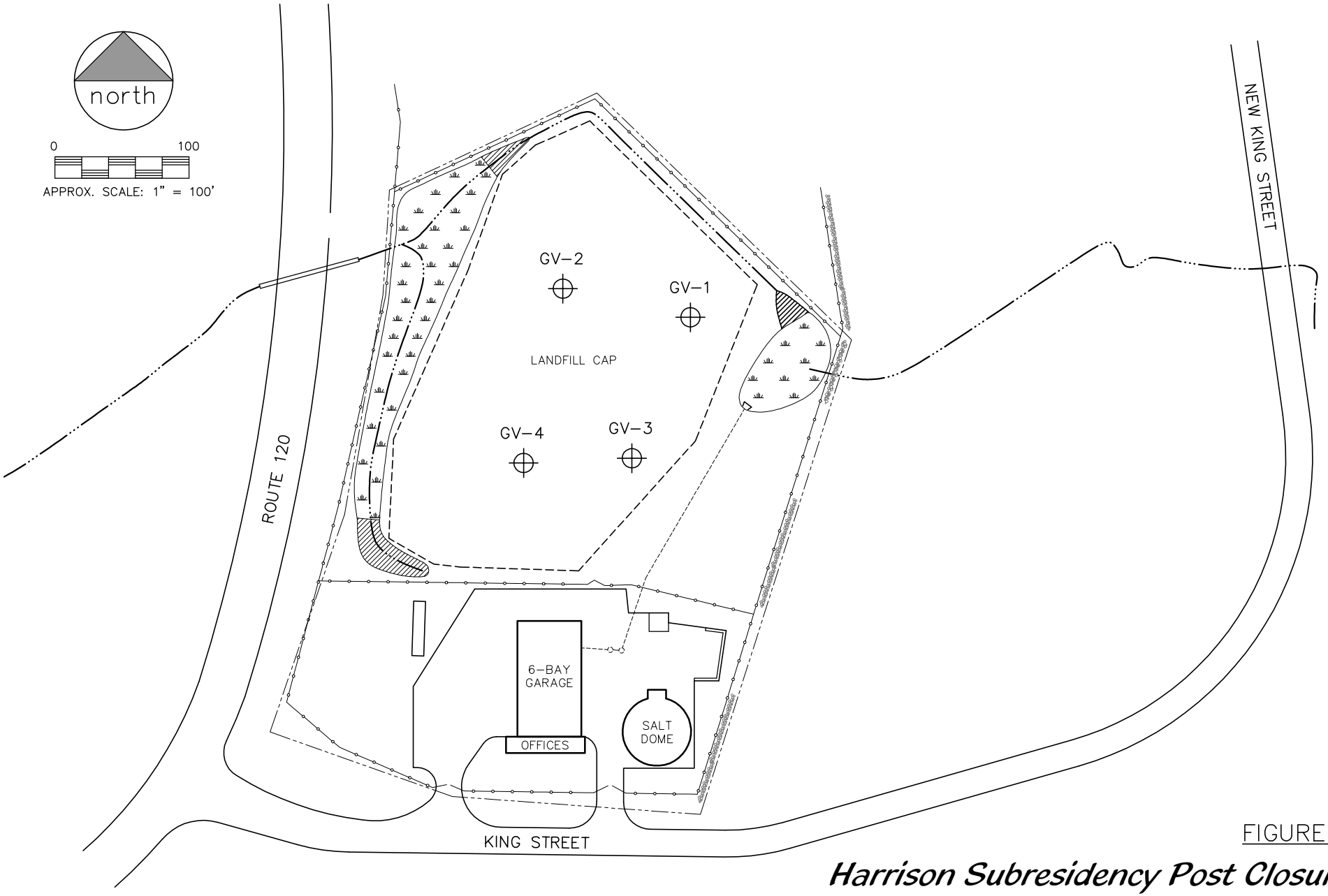

FIGURE 5

Harrison Subresidency Post Closure Quarterly Monitoring Report Gas Vent Locations

NYSDOT PIN: 8806.51.101

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9051.003

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: 9051.003

Client PO: 9051.003

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

Attn: Kimberly Somers

Received Date: 4/20/2011

Report Date: 5/23/2011

Deliverables: NYDOH-CatA

Lab ID: AC58548

Lab Project No: 1042017

Jen Rossi - Quality Assurance Director OR Stanley Gilewicz - Laboratory Director

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)	USACE
PA	(68-00463 and 68-04409)	KY	(90124)	WV	(353)	

NELAP ACCREDITED TNI LABORATORY

HC·V
HAMPTONCLARKE·VERITECH

THIS CATEGORY "A" REPORT
IS NUMBERED FROM
1 to 73

HCV Case Narrative/Conformance Summary

Client: Cashin Associates **HCV Project:** 1042017
Project: 9051.003

Hampton-Clarke/Veritech (HC·V) received the following samples on April 20, 2011:

Client ID	HCV Sample ID	Matrix	Analysis
PC-3 U	AC58548-001	Aqueous	VO (624), BNA (625), Alkalinity (SM2320B), Chloride (300.0), Cyanide (335.4)
PC-3 F	AC58548-002	Aqueous	Metals (200.7/8)
PC-2 U	AC58548-003	Aqueous	VO (624), BNA (625), Alkalinity (SM2320B), Chloride (300.0), Cyanide (335.4)
PC-2 F	AC58548-004	Aqueous	Metals (200.7/8)
LMW-4 U	AC58548-005	Aqueous	VO (624), BNA (625), Alkalinity (SM2320B), Chloride (300.0), Cyanide (335.4)
LMW-4 F	AC58548-006	Aqueous	Metals (200.7/8)
LMW-2 U	AC58548-007	Aqueous	VO (624), BNA (625), Alkalinity (SM2320B), Chloride (300.0), Cyanide (335.4)
LMW-2 F	AC58548-008	Aqueous	Metals (200.7/8)
LF-1 U	AC58548-009	Aqueous	VO (624), BNA (625), Alkalinity (SM2320B), Chloride (300.0), Cyanide (335.4)
LF-1 F	AC58548-010	Aqueous	Metals (200.7/8)
PC-1 U	AC58548-011	Aqueous	VO (624), BNA (625), Alkalinity (SM2320B), Chloride (300.0), Cyanide (335.4)
PC-1 F	AC58548-012	Aqueous	Metals (200.7/8)

Volatile Organic Analysis:

2-Chloroethylvinylether did not recover in the Matrix Spike and Matrix Spike Duplicate in batch 7424 due to acid preservation of sample. 2-Chloroethylvinylether readily decomposes under acidic conditions. The recovery of 2-Chloroethylvinylether is within QC limits in the Laboratory Control Sample (MBS).

Base Neutral Acid Extractable Analysis:

The recoveries of Diethylphthalate, Dimethylphthalate and Di-n-butylphthalate are biased high, outside QC limits in the Matrix Spike and/or Matrix Spike Duplicate in batch 5098. All QC criteria were met in the Laboratory Control Sample (MBS).

Metals Analysis:

The recoveries of Calcium and Silver are biased low, outside QC limits in the Matrix Spike and/or Matrix Spike Duplicate in batch 6699. All QC criteria were met in the Laboratory Control Sample (MBS). Also the serial dilution for Aluminum is outside QC limits, suggesting matrix interference.

Wet Chemistry Analysis:

Data conforms to method requirements.

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.

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

5/23/11
Date

0003

Veritech/Division of Hampton-Clarke
175 US Hwy 46 West, Fairfield, New Jersey 07004
198 Route 46 East, Fairfield, NJ 07004
Ph: 800-426-9992 Fax: 973-439-1458

HC-V Hampton-Clarke-Veritech

CHAIN OF CUSTODY RECORD

Project# (Lab Use Only) 1042017

Page _____ of _____

NELAC/NJ #07071 & 07069 | CT #PH-0671 | NY #11408 & 11939 | PA #68-00463 & 68-04409 | WV #353 | KY #90124

Customer Information

1a) Customer: Cashin Assoc.
Address: 1200 Veteran Mem. Hwy
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
2b) Project Mgr: Greg Greene
2c) Project Location (City/State): Harrison, NY
2d) Quote/PO # (If Applicable): 9051.003

3) Reporting Requirements (Please Circle)

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

Expedited TAT Not Always Available (Please Check with Lab)!

FOR LAB USE ONLY

Batch # AC58548

Check If Contingent ===>

Matrix Codes
DW - Drinking Water | S - Soil | A - Air
GW - Ground Water | SL - Sludge | OT - Other
WW - Waste Water | OL - Oil

7) Analysis Request

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VOCs	TCL SVOCs	TAL Metals Lab Filtered	Cyanide	Chloride	For EPH Analysis: EPH Cat 1	EPH Cat 2 Screen/Total	EPH Cat 2 Fractionation	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9a) Methanol Bottle Numbers (If Applicable) / 9b) Comments
001/002	PC-3	GW	4/19	1015			X	X	X	X	X				~~2~~ 1			~~1~~ 1	~~2~~ 3		X		U/F
003/004	PC-2		4/19	1243			X	X	X	X	X				4			1	3		X	67	
005/006	LMW-4		4/19	145			X	X	X	X	X				4			1	3		X	40	
007/008	LMW-2		4/19	300			X	X	X	X	X				4			1	3		X		
009/010	LF-1		4/20	230			X	X	X	X	X				4			1	3		X		
011/012	PC-1	GW	4/20	215			X	X	X	X	X				4			1	3		X		

10) Relinquished by:	Accepted by:	Date	Time
K Somers	[signature]	04/20/11	1430
[signature]	[signature]	04/20/11	15:30

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)

Note: Check if applicable:
- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations

2.5
Cooler Temperature: 2.4, 3.1, 3.3

11) Sampler (print name): Kim Somers Date: 4/20/11

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

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.

CONDITION UPON RECEIPT

Batch Number AC58548 Entered By: Frantz

Date Entered 4/20/2011 4:27:00 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	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 2.4,2.5,3.1,3.0
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 AC58548

Entered By: Frantz

Date Entered 4/20/2011 4:27:00 PM

Lab#:	Container Siz	Container Typ	Parameter	Preservative	PH
AC58548-001	40ml	G	VO+10	HCL	1
AC58548-001	500ml	G	CN	NaOH	14
AC58548-002	NA	NA	NA	NA	NA
AC58548-002	NA	NA	NA	NA	NA
AC58548-003	40ml	G	VO+10	HCL	1
AC58548-003	500ml	G	CN	NaOH	14
AC58548-004	NA	NA	NA	NA	NA
AC58548-004	NA	NA	NA	NA	NA
AC58548-005	40ml	G	VO+10	HCL	1
AC58548-005	500ml	G	CN	NaOH	14
AC58548-006	NA	NA	NA	NA	NA
AC58548-006	NA	NA	NA	NA	NA
AC58548-007	40ml	G	VO+10	HCL	1
AC58548-007	500ml	G	CN	NaOH	14
AC58548-008	NA	NA	NA	NA	NA
AC58548-008	NA	NA	NA	NA	NA
AC58548-009	40ml	G	VO+10	HCL	1
AC58548-009	500ml	G	CN	NaOH	14
AC58548-010	NA	NA	NA	NA	NA
AC58548-010	NA	NA	NA	NA	NA
AC58548-011	40ml	G	VO+10	HCL	1
AC58548-011	500ml	G	CN	NaOH	14
AC58548-012	NA	NA	NA	NA	NA
AC58548-012	NA	NA	NA	NA	NA

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC58548-001	04/20/11 15:30	FRAN	0	M	Received
AC58548-001	04/20/11 16:26	FRAN	0	M	Login
AC58548-001	04/28/11 18:55	R12	1	A	ic-w
AC58548-001	04/28/11 18:55	SB	1	A	ic-w
AC58548-001	04/26/11 07:29	JB	2	A	TCN
AC58548-001	04/26/11 14:42	R12	2	A	NONE
AC58548-001	04/24/11 05:19	MLC	4	A	A, BNA
AC58548-001	04/21/11 07:55	R22	6	A	NONE
AC58548-001	04/22/11 14:33	SG	6	A	VOA
AC58548-001	04/22/11 18:10	R22	6	M	NONE
AC58548-001	04/25/11 15:04	SG	6	A	VOA
AC58548-001	04/26/11 08:22	R22	6	A	NONE
AC58548-001	04/26/11 09:04	WP	6	A	VOA
AC58548-001	04/21/11 07:55	R22	7	A	NONE
AC58548-002	04/20/11 15:30	FRAN	0	M	Received
AC58548-002	04/20/11 16:26	FRAN	0	M	Login
AC58548-002	04/22/11 14:17	JPC	1	A	FILTERING
AC58548-002	04/22/11 16:01	R12	1	A	NONE
AC58548-002	04/25/11 11:32	JPC	1	A	TDWI-HG
AC58548-002	04/25/11 13:07	R12	1	A	NONE
AC58548-003	04/20/11 15:30	FRAN	0	M	Received
AC58548-003	04/20/11 16:26	FRAN	0	M	Login
AC58548-003	04/21/11 07:55	R22	2	A	NONE
AC58548-003	04/22/11 14:33	SG	2	A	VOA
AC58548-003	04/22/11 18:10	R22	2	M	NONE
AC58548-003	04/25/11 15:04	SG	2	A	VOA
AC58548-003	04/26/11 08:22	R22	2	A	NONE
AC58548-003	04/26/11 09:04	WP	2	A	VOA
AC58548-003	04/21/11 07:55	R22	3	A	NONE
AC58548-003	04/28/11 18:55	R12	4	A	ic-w
AC58548-003	04/28/11 18:55	SB	4	A	ic-w
AC58548-003	04/26/11 07:29	JB	5	A	TCN
AC58548-003	04/26/11 14:42	R12	5	A	NONE
AC58548-003	04/24/11 05:19	MLC	6	A	A, BNA
AC58548-004	04/20/11 15:30	FRAN	0	M	Received
AC58548-004	04/20/11 16:26	FRAN	0	M	Login
AC58548-004	04/22/11 14:17	JPC	1	A	FILTERING
AC58548-004	04/22/11 16:01	R12	1	A	NONE
AC58548-004	04/25/11 11:32	JPC	1	A	TDWI-HG
AC58548-004	04/25/11 13:07	R12	1	A	NONE
AC58548-005	04/20/11 15:30	FRAN	0	M	Received
AC58548-005	04/20/11 16:26	FRAN	0	M	Login
AC58548-005	04/24/11 05:19	MLC	2	A	A, BNA
AC58548-005	04/26/11 07:29	JB	3	A	TCN
AC58548-005	04/26/11 14:42	R12	3	A	NONE
AC58548-005	04/28/11 18:55	R12	4	A	ic-w
AC58548-005	04/28/11 18:55	SB	4	A	ic-w
AC58548-005	04/21/11 07:55	R22	6	A	NONE
AC58548-005	04/22/11 14:33	SG	6	A	VOA
AC58548-005	04/22/11 18:10	R22	6	M	NONE
AC58548-005	04/25/11 15:04	SG	6	A	VOA
AC58548-005	04/26/11 08:22	R22	6	A	NONE
AC58548-005	04/26/11 09:04	WP	6	A	VOA
AC58548-005	04/21/11 07:55	R22	7	A	NONE
AC58548-006	04/20/11 15:30	FRAN	0	M	Received
AC58548-006	04/20/11 16:26	FRAN	0	M	Login
AC58548-006	04/22/11 14:17	JPC	1	A	FILTERING
AC58548-006	04/22/11 16:01	R12	1	A	NONE
AC58548-006	04/25/11 11:32	JPC	1	A	TDWI-HG
AC58548-006	04/25/11 13:07	R12	1	A	NONE
AC58548-007	04/20/11 15:30	FRAN	0	M	Received
AC58548-007	04/20/11 16:26	FRAN	0	M	Login
AC58548-007	04/21/11 07:55	R22	2	A	NONE
AC58548-007	04/22/11 14:33	SG	2	A	VOA
AC58548-007	04/22/11 18:10	R22	2	M	NONE
AC58548-007	04/25/11 15:04	SG	2	A	VOA
AC58548-007	04/26/11 08:22	R22	2	A	NONE
AC58548-007	04/26/11 09:04	WP	2	A	VOA
AC58548-007	04/21/11 07:55	R22	3	A	NONE
AC58548-007	04/26/11 07:29	JB	4	A	TCN
AC58548-007	04/26/11 14:42	R12	4	A	NONE
AC58548-007	04/28/11 18:55	R12	5	A	ic-w
AC58548-007	04/28/11 18:55	SB	5	A	ic-w
AC58548-007	04/24/11 05:19	MLC	6	A	A, BNA
AC58548-008	04/20/11 15:30	FRAN	0	M	Received

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC58548-008	04/20/11 16:26	FRAN	0	M	Login
AC58548-008	04/22/11 14:17	JPC	1	A	FILTERING
AC58548-008	04/22/11 16:01	R12	1	A	NONE
AC58548-008	04/25/11 11:32	JPC	1	A	TDWI-HG
AC58548-008	04/25/11 13:07	R12	1	A	NONE
AC58548-009	04/20/11 15:30	FRAN	0	M	Received
AC58548-009	04/20/11 16:26	FRAN	0	M	Login
AC58548-009	04/28/11 18:55	R12	1	A	ic-w
AC58548-009	04/28/11 18:55	SB	1	A	ic-w
AC58548-009	04/26/11 07:29	JB	2	A	TCN
AC58548-009	04/26/11 14:42	R12	2	A	NONE
AC58548-009	04/24/11 05:19	MLC	3	A	A, BNA
AC58548-009	04/21/11 07:55	R22	6	A	NONE
AC58548-009	04/22/11 14:33	SG	6	A	VOA
AC58548-009	04/22/11 18:10	R22	6	M	NONE
AC58548-009	04/25/11 15:04	SG	6	A	VOA
AC58548-009	04/26/11 08:22	R22	6	A	NONE
AC58548-009	04/26/11 09:04	WP	6	A	VOA
AC58548-009	04/21/11 07:55	R22	7	A	NONE
AC58548-010	04/20/11 15:30	FRAN	0	M	Received
AC58548-010	04/20/11 16:26	FRAN	0	M	Login
AC58548-010	04/22/11 14:17	JPC	1	A	FILTERING
AC58548-010	04/22/11 16:01	R12	1	A	NONE
AC58548-010	04/25/11 11:32	JPC	1	A	TDWI-HG
AC58548-010	04/25/11 13:07	R12	1	A	NONE
AC58548-011	04/20/11 15:30	FRAN	0	M	Received
AC58548-011	04/20/11 16:26	FRAN	0	M	Login
AC58548-011	04/28/11 18:55	SB	1	A	ic-w
AC58548-011	04/28/11 18:55	R12	1	A	ic-w
AC58548-011	04/26/11 07:29	JB	2	A	TCN
AC58548-011	04/26/11 14:42	R12	2	A	NONE
AC58548-011	04/24/11 05:19	MLC	4	A	A, BNA
AC58548-011	04/21/11 07:55	R22	6	A	NONE
AC58548-011	04/22/11 14:33	SG	6	A	VOA
AC58548-011	04/22/11 18:10	R22	6	M	NONE
AC58548-011	04/25/11 15:04	SG	6	A	VOA
AC58548-011	04/26/11 08:22	R22	6	A	NONE
AC58548-011	04/26/11 09:04	WP	6	A	VOA
AC58548-011	04/21/11 07:55	R22	7	A	NONE
AC58548-012	04/20/11 15:30	FRAN	0	M	Received
AC58548-012	04/20/11 16:26	FRAN	0	M	Login
AC58548-012	04/22/11 14:17	JPC	1	A	FILTERING
AC58548-012	04/22/11 16:01	R12	1	A	NONE
AC58548-012	04/25/11 11:32	JPC	1	A	TDWI-HG
AC58548-012	04/25/11 13:07	R12	1	A	NONE

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

Laboratory Chronicle

Client: Cashin Associates

HCV Project #: 1042017

Project: 9051.003

Lab#: AC58548-001 **Sample ID: PC-3 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	5/2/11 19:33	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 06:50	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/26/11 09:53	WP

Lab#: AC58548-002 **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	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:09	CJA
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:32	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:21	SRB

Lab#: AC58548-003 **Sample ID: PC-2 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 06:52	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 07:12	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/26/11 10:09	WP

Lab#: AC58548-004 **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	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:11	CJA
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:36	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:24	SRB

Laboratory Chronicle

Client: Cashin Associates
Project: 9051.003

HCV Project #: 1042017

Lab#: AC58548-005 **Sample ID: LMW-4 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 07:23	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 07:34	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/26/11 10:26	WP

Lab#: AC58548-006 **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	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:13	CJA
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/28/11 18:32	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:40	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:27	SRB

Lab#: AC58548-007 **Sample ID: LMW-2 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 07:53	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 07:56	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/26/11 10:42	WP

Lab#: AC58548-008 **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	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:53	CJA
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:45	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:29	SRB

Laboratory Chronicle

Client: Cashin Associates
Project: 9051.003

HCV Project #: 1042017

Lab#: AC58548-009 **Sample ID: LF-1 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 08:24	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 08:18	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/26/11 10:59	WP

Lab#: AC58548-010 **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	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:55	CJA
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:48	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:32	SRB

Lab#: AC58548-011 **Sample ID: PC-1 U**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 08:54	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/27/11	johns	EPA 335.4	4/28/11 00:00	JS
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 08:40	AHD
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/26/11 11:15	WP

Lab#: AC58548-012 **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	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:56	CJA
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:36	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:52	SRB

HCV Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL = Reporting Limit *

RT = Retention Time

NA = Not Applicable

ND = Not Detected

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 concentration is below the Reporting Limit (RL) but above the MDL (Method Detection Limit). The concentration reported is an estimate.

*For Clean Water Act and SW846 Organic Methods and Metals Methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve.

*For Clean Water Act and SW846 Wet Chemistry methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve. For most gravimetric methods the Reporting Limit is defined as a value 3 to 5 times the MDL.

HCV Report Of Analysis

Client: Cashin Associates
HCV Project #: 1042017
Project: 9051.003

Sample ID: PC-3 U
Lab#: AC58548-001
Matrix: Aqueous
Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	5	mg/l	5.0	82

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.52	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.52	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.52	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.52	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND

Sample ID: PC-3 U
Lab#: AC58548-001
Matrix: Aqueous
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Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.52	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.52	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.52**	**9.5JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**10JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**20J**

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	0.61	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

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Lab#: AC58548-001
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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#: AC58548-002
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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**	**140**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**91**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**38000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**680**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**12000**
Manganese	**1**	**ug/l**	**25**	**390**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**5100**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**49000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: PC-2 U
Lab#: AC58548-003
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	21

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	0.56	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	0.56	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	0.56	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	0.56	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	0.56	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND

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Lab#: AC58548-003
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Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	0.56	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.56	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.51**	**16JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**15JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**31J**

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	0.61	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

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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#: AC58548-004
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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**	**150**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**67**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**73000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**4900**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**19000**
Manganese	**1**	**ug/l**	**25**	**9500**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3900**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**36000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: LMW-4 U
Lab#: AC58548-005
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	26

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	.02

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.53	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.53	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.53	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.53	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.53	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND

Sample ID: LMW-4 U
Lab#: AC58548-005
Matrix: Aqueous
Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.53	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.53	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.52**	**6.3JB**
Ethane, 1,1,2,2-tetrachloro-	**1**	**ug/l**	**4.68**	**4.4J**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**7.1JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**18J**

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	0.61	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

Sample ID: LMW-4 U
Lab#: AC58548-005
Matrix: Aqueous
Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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#: AC58548-006
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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**	**200**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**81**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**44000**
Chromium	1	ug/l	25	ND
Cobalt	**1**	**ug/l**	**10**	**19**
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**34000**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**18000**
Manganese	**2**	**ug/l**	**50**	**17000**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3000**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**29000**
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#: AC58548-007
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	21

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	.02

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.52	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.52	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.52	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.52	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND

Sample ID: LMW-2 U
Lab#: AC58548-007
Matrix: Aqueous
Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.52	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.52	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.52**	**7.2JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**8.4JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**16J**

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	0.61	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

Sample ID: LMW-2 U
Lab#: AC58548-007
Matrix: Aqueous
Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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#: AC58548-008
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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**	**410**
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**	**85000**
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**	**33000**
Manganese	**1**	**ug/l**	**25**	**130**
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**	**33000**
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#: AC58548-009
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	49

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.52	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.52	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.52	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.52	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND

Sample ID: LF-1 U
Lab#: AC58548-009
Matrix: Aqueous
Collection Date: 4/20/2011
Receipt Date: 4/20/2011

Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.52	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.52	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.51**	**14JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**15JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**29J**

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	0.61	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

Sample ID: LF-1 U
Lab#: AC58548-009
Matrix: Aqueous
Collection Date: 4/20/2011
Receipt Date: 4/20/2011

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#: AC58548-010
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

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**	**140**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**72**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**76000**
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**	**12000**
Manganese	1	ug/l	25	ND
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3200**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**36000**
Thallium	1	ug/l	5.0	ND
Vanadium	1	ug/l	25	ND
Zinc	1	ug/l	25	ND

Sample ID: PC-1 U
Lab#: AC58548-011
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	49

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	0.02	ND

Semivolatile Organics + 25 (625)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.52	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.52	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.52	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.52	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND

Sample ID: PC-1 U
Lab#: AC58548-011
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.52	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.52	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.52**	**4.9JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**6.4JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**11J**

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	0.61	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

Sample ID: PC-1 U
Lab#: AC58548-011
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

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#: AC58548-012
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

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**	**150**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**72**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**76000**
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**	**12000**
Manganese	1	ug/l	25	ND
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3200**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**36000**
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: 3M91239.D
Analysis Date: 04/26/11 08:46
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	0.61	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 #: 188735

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

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC58548-001
Client Id: PC-3 U
Data File: 3M91243.D
Analysis Date: 04/26/11 09:53
Date Rec/Extracted: 04/20/11-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	0.61	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 #: 188735

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

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC58548-003
Client Id: PC-2 U
Data File: 3M91244.D
Analysis Date: 04/26/11 10:09
Date Rec/Extracted: 04/20/11-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	0.61	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 #: 188735

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

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC58548-005
Client Id: LMW-4 U
Data File: 3M91245.D
Analysis Date: 04/26/11 10:26
Date Rec/Extracted: 04/20/11-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	0.61	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 #: 188735

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

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC58548-007
Client Id: LMW-2 U
Data File: 3M91246.D
Analysis Date: 04/26/11 10:42
Date Rec/Extracted: 04/20/11-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	0.61	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 #: 188735

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

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC58548-009
Client Id: LF-1 U
Data File: 3M91247.D
Analysis Date: 04/26/11 10:59
Date Rec/Extracted: 04/20/11-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	0.61	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 #: 188735

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

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC58548-011
Client Id: PC-1 U
Data File: 3M91248.D
Analysis Date: 04/26/11 11:15
Date Rec/Extracted: 04/20/11-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	0.61	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 #: 188735

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 usea

Form3
Recovery Data
QC Batch: MBS7424

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3M91255.D	AC58462-006(MS)	4/26/2011 1:26:00 PM
Non Spike(If applicable):	3M91159.D	AC58462-006	4/22/2011 1:34:00 PM
Inst Blank(If applicable):			

Method: 624 | Matrix: Aqueous | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
Chloromethane	1	10.5884	0	20	53	1	273	0	0
Bromomethane	1	14.1844	0	20	71	1	242	0	0
Vinyl Chloride	1	16.4886	0	20	82	1	251	0	0
Chloroethane	1	24.6965	0	20	123	14	230	0	0
Trichlorofluoromethane	1	21.852	0	20	109	17	181	0	0
Methylene Chloride	1	14.793	0	20	74	1	221	0	0
1,1-Dichloroethene	1	15.8615	0	20	79	1	234	0	0
1,1-Dichloroethane	1	16.1741	0	20	81	59	155	0	0
trans-1,2-Dichloroethene	1	16.3007	0	20	82	54	156	0	0
Chloroform	1	18.1989	0	20	91	51	138	0	0
1,2-Dichloroethane	1	15.1867	0	20	76	49	155	0	0
1,1,1-Trichloroethane	1	17.6786	0	20	88	52	162	0	0
Carbon Tetrachloride	1	20.0096	0	20	100	70	140	0	0
Bromodichloromethane	1	17.1825	0	20	86	35	155	0	0
1,2-Dichloropropane	1	16.7647	0	20	84	1	210	0	0
Trichloroethene	1	16.7538	0	20	84	71	157	0	0
Benzene	1	17.3949	0	20	87	37	151	0	0
Dibromochloromethane	1	16.3913	0	20	82	53	149	0	0
2-Chloroethylvinylether	1	0	0	20	0*	1	305	0	0
cis-1,3-Dichloropropene	1	13.2794	0	20	66	1	227	0	0
trans-1,3-Dichloropropene	1	12.8461	0	20	64	17	183	0	0
1,1,2-Trichloroethane	1	17.4613	0	20	87	52	150	0	0
Tetrachloroethene	1	18.9564	0	20	95	64	148	0	0
Toluene	1	17.1902	0	20	86	47	150	0	0
Chlorobenzene	1	18.4138	0	20	92	37	160	0	0
Bromoform	1	15.076	0	20	75	45	169	0	0
Ethylbenzene	1	18.3641	0	20	92	37	162	0	0
1,1,2,2-Tetrachloroethane	1	16.488	0	20	82	46	157	0	0
1,3-Dichlorobenzene	1	19.2915	0	20	96	59	156	0	0
1,4-Dichlorobenzene	1	16.0701	0	20	80	18	190	0	0
1,2-Dichlorobenzene	1	17.6745	0	20	88	18	190	0	0

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

Form3
Recovery Data
QC Batch: MBS7424

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3M91256.D	AC58462-006(MSD)	4/26/2011 1:43:00 PM
Non Spike(If applicable):	3M91159.D	AC58462-006	4/22/2011 1:34:00 PM
Inst Blank(If applicable):			

Method: 624 | Matrix: Aqueous | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
Chloromethane	1	12.1201	0	20	61	1	273	0	0
Bromomethane	1	13.5636	0	20	68	1	242	0	0
Vinyl Chloride	1	15.8538	0	20	79	1	251	0	0
Chloroethane	1	19.8263	0	20	99	14	230	0	0
Trichlorofluoromethane	1	19.3998	0	20	97	17	181	0	0
Methylene Chloride	1	15.3824	0	20	77	1	221	0	0
1,1-Dichloroethene	1	14.389	0	20	72	1	234	0	0
1,1-Dichloroethane	1	17.4514	0	20	87	59	155	0	0
trans-1,2-Dichloroethene	1	17.4139	0	20	87	54	156	0	0
Chloroform	1	18.005	0	20	90	51	138	0	0
1,2-Dichloroethane	1	15.5598	0	20	78	49	155	0	0
1,1,1-Trichloroethane	1	17.1495	0	20	86	52	162	0	0
Carbon Tetrachloride	1	19.1777	0	20	96	70	140	0	0
Bromodichloromethane	1	16.6052	0	20	83	35	155	0	0
1,2-Dichloropropane	1	17.2773	0	20	86	1	210	0	0
Trichloroethene	1	17.9824	0	20	90	71	157	0	0
Benzene	1	17.4941	0	20	87	37	151	0	0
Dibromochloromethane	1	16.3288	0	20	82	53	149	0	0
2-Chloroethylvinylether	1	0	0	20	0*	1	305	0	0
cis-1,3-Dichloropropene	1	13.4075	0	20	67	1	227	0	0
trans-1,3-Dichloropropene	1	11.823	0	20	59	17	183	0	0
1,1,2-Trichloroethane	1	17.7145	0	20	89	52	150	0	0
Tetrachloroethene	1	18.7521	0	20	94	64	148	0	0
Toluene	1	17.0933	0	20	85	47	150	0	0
Chlorobenzene	1	17.6375	0	20	88	37	160	0	0
Bromoform	1	16.0944	0	20	80	45	169	0	0
Ethylbenzene	1	18.5999	0	20	93	37	162	0	0
1,1,2,2-Tetrachloroethane	1	17.7148	0	20	89	46	157	0	0
1,3-Dichlorobenzene	1	17.4991	0	20	87	59	156	0	0
1,4-Dichlorobenzene	1	16.7766	0	20	84	18	190	0	0
1,2-Dichlorobenzene	1	17.8462	0	20	89	18	190	0	0

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

Form3
RPD DATA
QC Batch: MBS7424

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3M91256.D	AC58462-006(MSD)	4/26/2011 1:43:00 PM
Duplicate(If applicable):	3M91255.D	AC58462-006(MS)	4/26/2011 1:26:00 PM
Inst Blank(If applicable):			

Method: 624 Matrix: Aqueous QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
Chloromethane	1	12.1201	10.5884	13	66
Bromomethane	1	13.5636	14.1844	4.5	42
Vinyl Chloride	1	15.8538	16.4886	3.9	30
Chloroethane	1	19.8263	24.6965	22	50
Trichlorofluoromethane	1	19.3998	21.852	12	41
Methylene Chloride	1	15.3824	14.793	3.9	38
1,1-Dichloroethene	1	14.389	15.8615	9.7	34
1,1-Dichloroethane	1	17.4514	16.1741	7.6	30
trans-1,2-Dichloroethene	1	17.4139	16.3007	6.6	48
Chloroform	1	18.005	18.1989	1.1	37
1,2-Dichloroethane	1	15.5598	15.1867	2.4	34
1,1,1-Trichloroethane	1	17.1495	17.6786	3	33
Carbon Tetrachloride	1	19.1777	20.0096	4.2	32
Bromodichloromethane	1	16.6052	17.1825	3.4	30
1,2-Dichloropropane	1	17.2773	16.7647	3	30
Trichloroethene	1	17.9824	16.7538	7.1	30
Benzene	1	17.4941	17.3949	0.57	29
Dibromochloromethane	1	16.3288	16.3913	0.38	30
2-Chloroethylvinylether	1	0	0	NA	40
cis-1,3-Dichloropropene	1	13.4075	13.2794	0.96	34
trans-1,3-Dichloropropene	1	11.823	12.8461	8.3	31
1,1,2-Trichloroethane	1	17.7145	17.4613	1.4	37
Tetrachloroethene	1	18.7521	18.9564	1.1	27
Toluene	1	17.0933	17.1902	0.57	33
Chlorobenzene	1	17.6375	18.4138	4.3	30
Bromoform	1	16.0944	15.076	6.5	30
Ethylbenzene	1	18.5999	18.3641	1.3	41
1,1,2,2-Tetrachloroethane	1	17.7148	16.488	7.2	29
1,3-Dichlorobenzene	1	17.4991	19.2915	9.7	30
1,4-Dichlorobenzene	1	16.7766	16.0701	4.3	30
1,2-Dichlorobenzene	1	17.8462	17.6745	0.97	34

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB5098
Client Id:
Data File: 10M21022.D
Analysis Date: 04/24/11 17:23
Date Rec/Extracted: NA-04/24/11
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	2.0	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 #: 188853

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC58548-001
Client Id: PC-3 U
Data File: 10M21057.D
Analysis Date: 04/25/11 06:50
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 960ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.52	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.52	U
95-48-7	2-Methylphenol	0.52	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.52	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.52	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.52	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188853

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC58548-003
Client Id: PC-2 U
Data File: 10M21058.D
Analysis Date: 04/25/11 07:12
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	0.56	U
120-83-2	2,4-Dichlorophenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	0.56	U
95-48-7	2-Methylphenol	0.56	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	0.56	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
106-47-8	4-Chloroaniline	0.56	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	0.56	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	0.56	U
98-86-2	Acetophenone	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
120-12-7	Anthracene	2.2	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.2	U	85-01-8	Phenanthrene	2.2	U
100-52-7	Benzaldehyde	2.2	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U				

Worksheet #: 188853

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC58548-005
Client Id: LMW-4 U
Data File: 10M21059.D
Analysis Date: 04/25/11 07:34
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.53	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.53	U
95-48-7	2-Methylphenol	0.53	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.53	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.53	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.53	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188853

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 usea

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC58548-007
Client Id: LMW-2 U
Data File: 10M21060.D
Analysis Date: 04/25/11 07:56
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 960ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.52	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.52	U
95-48-7	2-Methylphenol	0.52	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.52	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.52	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.52	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188853

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC58548-009
Client Id: LF-1 U
Data File: 10M21061.D
Analysis Date: 04/25/11 08:18
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 970ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.52	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.52	U
95-48-7	2-Methylphenol	0.52	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.52	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.52	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.52	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188853

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC58548-011
Client Id: PC-1 U
Data File: 10M21062.D
Analysis Date: 04/25/11 08:40
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 970ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.52	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.52	U
95-48-7	2-Methylphenol	0.52	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.52	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.52	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.52	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188853

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

Form3
Recovery Data
QC Batch: WMB5098

	Data File	Sample ID:	Analysis Date
Spike or Dup:	10M21025.D	AC58547-004(MS)	4/24/2011 7:03:00 PM
Non Spike(If applicable):	10M21024.D	AC58547-004	4/24/2011 6:41:00 PM
Inst Blank(If applicable):			

Method: 625 | Matrix: Aqueous | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
N-Nitrosodimethylamine	1	104.8165	0	100	105	40	109	0	0
bis(2-Chloroethyl)ether	1	112.2677	0	100	112	12	158	0	0
Phenol	1	73.4123	0	100	73	5	112	0	0
2-Chlorophenol	1	110.5783	0	100	111	23	134	0	0
bis(2-chloroisopropyl)ether	1	114.7603	0	100	115	36	166	0	0
Hexachloroethane	1	108.7902	0	100	109	40	113	0	0
N-Nitroso-di-n-propylamine	1	112.9348	0	100	113	1	230	0	0
Nitrobenzene	1	115.1085	0	100	115	35	180	0	0
Isophorone	1	96.2375	0	100	96	21	196	0	0
2-Nitrophenol	1	118.2565	0	100	118	29	182	0	0
2,4-Dimethylphenol	1	104.4585	0	100	104	32	119	0	0
bis(2-Chloroethoxy)methane	1	115.2415	0	100	115	33	184	0	0
2,4-Dichlorophenol	1	110.419	0	100	110	39	135	0	0
1,2,4-Trichlorobenzene	1	100.0236	0	100	100	44	142	0	0
Naphthalene	1	104.6658	0	100	105	21	133	0	0
Hexachlorobutadiene	1	107.1813	0	100	107	24	116	0	0
4-Chloro-3-methylphenol	1	115.4051	0	100	115	22	147	0	0
2,4,6-Trichlorophenol	1	124.6111	0	100	125	37	144	0	0
2-Chloronaphthalene	1	111.6465	0	100	112	60	118	0	0
Acenaphthylene	1	117.251	0	100	117	33	145	0	0
Dimethylphthalate	1	113.7205	0	100	114*	1	112	0	0
2,6-Dinitrotoluene	1	114.1006	0	100	114	50	158	0	0
Acenaphthene	1	107.105	0	100	107	47	145	0	0
2,4-Dinitrophenol	1	115.351	0	100	115	1	191	0	0
2,4-Dinitrotoluene	1	112.2889	0	100	112	39	139	0	0
4-Nitrophenol	1	80.775	0	100	81	1	132	0	0
Fluorene	1	106.5229	0	100	107	59	121	0	0
4-Chlorophenyl-phenylether	1	110.8996	0	100	111	25	158	0	0
Diethylphthalate	1	109.607	0	100	110	1	114	0	0
4,6-Dinitro-2-methylphenol	1	112.2392	0	100	112	1	181	0	0
4-Bromophenyl-phenylether	1	112.3092	0	100	112	53	127	0	0
Hexachlorobenzene	1	100.4111	0	100	100	1	152	0	0
Pentachlorophenol	1	115.0786	0	100	115	14	176	0	0
Phenanthrene	1	112.0295	0	100	112	54	120	0	0
Anthracene	1	108.6304	0	100	109	27	133	0	0
Di-n-butylphthalate	1	120.3048	0	100	120*	1	118	0	0
Fluoranthene	1	108.7557	0	100	109	26	137	0	0
Pyrene	1	108.5101	0	100	109	52	115	0	0
Butylbenzylphthalate	1	111.7787	0	100	112	1	152	0	0
3,3'-Dichlorobenzidine	1	100.7319	0	100	101	1	262	0	0
Benzo[a]anthracene	1	105.8964	0	100	106	33	143	0	0
Chrysene	1	109.7769	0	100	110	17	168	0	0
bis(2-Ethylhexyl)phthalate	1	112.2832	0	100	112	8	158	0	0
Di-n-octylphthalate	1	109.3639	0	100	109	4	146	0	0
Benzo[b]fluoranthene	1	122.2163	0	100	122	24	159	0	0
Benzo[k]fluoranthene	1	97.508	0	100	98	11	162	0	0
Benzo[a]pyrene	1	114.2941	0	100	114	17	163	0	0
Indeno[1,2,3-cd]pyrene	1	98.1299	0	100	98	1	171	0	0
Dibenzo[a,h]anthracene	1	105.0236	0	100	105	1	227	0	0
Benzo[g,h,i]perylene	1	94.8629	0	100	95	1	219	0	0

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

Form3
Recovery Data
QC Batch: WMB5098

	Data File	Sample ID:	Analysis Date
Spike or Dup:	10M21026.D	AC58547-004(MSD)	4/24/2011 7:25:00 PM
Non Spike(If applicable):	10M21024.D	AC58547-004	4/24/2011 6:41:00 PM
Inst Blank(If applicable):			

Method: 625 | Matrix: Aqueous | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
N-Nitrosodimethylamine	1	101.5078	0	100	102	40	109	0	0
bis(2-Chloroethyl)ether	1	114.0007	0	100	114	12	158	0	0
Phenol	1	72.9559	0	100	73	5	112	0	0
2-Chlorophenol	1	110.4662	0	100	110	23	134	0	0
bis(2-chloroisopropyl)ether	1	112.4696	0	100	112	36	166	0	0
Hexachloroethane	1	108.0591	0	100	108	40	113	0	0
N-Nitroso-di-n-propylamine	1	110.7656	0	100	111	1	230	0	0
Nitrobenzene	1	120.6397	0	100	121	35	180	0	0
Isophorone	1	97.1235	0	100	97	21	196	0	0
2-Nitrophenol	1	119.6381	0	100	120	29	182	0	0
2,4-Dimethylphenol	1	105.0559	0	100	105	32	119	0	0
bis(2-Chloroethoxy)methane	1	114.9689	0	100	115	33	184	0	0
2,4-Dichlorophenol	1	109.1953	0	100	109	39	135	0	0
1,2,4-Trichlorobenzene	1	104.246	0	100	104	44	142	0	0
Naphthalene	1	108.8469	0	100	109	21	133	0	0
Hexachlorobutadiene	1	106.7585	0	100	107	24	116	0	0
4-Chloro-3-methylphenol	1	121.4379	0	100	121	22	147	0	0
2,4,6-Trichlorophenol	1	124.4555	0	100	124	37	144	0	0
2-Chloronaphthalene	1	118.0286	0	100	118	60	118	0	0
Acenaphthylene	1	122.8864	0	100	123	33	145	0	0
Dimethylphthalate	1	122.4747	0	100	122*	1	112	0	0
2,6-Dinitrotoluene	1	122.6891	0	100	123	50	158	0	0
Acenaphthene	1	112.5957	0	100	113	47	145	0	0
2,4-Dinitrophenol	1	119.2259	0	100	119	1	191	0	0
2,4-Dinitrotoluene	1	120.8862	0	100	121	39	139	0	0
4-Nitrophenol	1	82.4687	0	100	82	1	132	0	0
Fluorene	1	111.765	0	100	112	59	121	0	0
4-Chlorophenyl-phenylether	1	115.049	0	100	115	25	158	0	0
Diethylphthalate	1	116.2924	0	100	116*	1	114	0	0
4,6-Dinitro-2-methylphenol	1	117.3749	0	100	117	1	181	0	0
4-Bromophenyl-phenylether	1	118.8643	0	100	119	53	127	0	0
Hexachlorobenzene	1	110.3168	0	100	110	1	152	0	0
Pentachlorophenol	1	118.6355	0	100	119	14	176	0	0
Phenanthrene	1	120.3511	0	100	120	54	120	0	0
Anthracene	1	117.1075	0	100	117	27	133	0	0
Di-n-butylphthalate	1	127.4421	0	100	127*	1	118	0	0
Fluoranthene	1	118.9049	0	100	119	26	137	0	0
Pyrene	1	108.5544	0	100	109	52	115	0	0
Butylbenzylphthalate	1	113.6115	0	100	114	1	152	0	0
3,3'-Dichlorobenzidine	1	104.0912	0	100	104	1	262	0	0
Benzo[a]anthracene	1	109.1785	0	100	109	33	143	0	0
Chrysene	1	111.6608	0	100	112	17	168	0	0
bis(2-Ethylhexyl)phthalate	1	113.66	0	100	114	8	158	0	0
Di-n-octylphthalate	1	113.8032	0	100	114	4	146	0	0
Benzo[b]fluoranthene	1	130.3834	0	100	130	24	159	0	0
Benzo[k]fluoranthene	1	96.1578	0	100	96	11	162	0	0
Benzo[a]pyrene	1	121.2321	0	100	121	17	163	0	0
Indeno[1,2,3-cd]pyrene	1	106.8986	0	100	107	1	171	0	0
Dibenzo[a,h]anthracene	1	113.8859	0	100	114	1	227	0	0
Benzo[g,h,i]perylene	1	106.0031	0	100	106	1	219	0	0

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC58548-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-3 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	140	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-39-3	Barium	25	91	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-70-2	Calcium	1000	38000	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7439-89-6	Iron	150	680	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7439-95-4	Magnesium	1000	12000	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7439-96-5	Manganese	25	390	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ab	18	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-09-7	Potassium	2500	5100	1	100	50	04/26/11	6699	A12564D	21	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-23-5	Sodium	2500	49000	1	100	50	04/26/11	6699	A12564D	21	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	22	P	PEICP1A

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:	AC58548-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-2 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	150	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-39-3	Barium	25	67	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-70-2	Calcium	1000	73000	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7439-89-6	Iron	150	4900	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7439-95-4	Magnesium	1000	19000	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7439-96-5	Manganese	25	9500	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ab	19	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-09-7	Potassium	2500	3900	1	100	50	04/26/11	6699	A12564D	22	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-23-5	Sodium	2500	36000	1	100	50	04/26/11	6699	A12564D	22	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	23	P	PEICP1A

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:	AC58548-006	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	LMW-4 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	200	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-39-3	Barium	25	81	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-70-2	Calcium	1000	44000	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-48-4	Cobalt	10	19	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7439-89-6	Iron	150	34000	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7439-95-4	Magnesium	1000	18000	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7439-96-5	Manganese	50	17000	2	100	50	04/28/11	6699	A12564G	15	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ab	20	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-09-7	Potassium	2500	3000	1	100	50	04/26/11	6699	A12564D	23	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-23-5	Sodium	2500	29000	1	100	50	04/26/11	6699	A12564D	23	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	24	P	PEICP1A

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:	AC58548-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	LMW-2 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	410	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-39-3	Barium	25	130	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-70-2	Calcium	1000	85000	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7439-89-6	Iron	150	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7439-95-4	Magnesium	1000	33000	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7439-96-5	Manganese	25	130	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	11	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-09-7	Potassium	2500	3800	1	100	50	04/26/11	6699	A12564D	24	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-23-5	Sodium	2500	33000	1	100	50	04/26/11	6699	A12564D	24	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	25	P	PEICP1A

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:	AC58548-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	LF-1 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	140	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-39-3	Barium	25	72	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-70-2	Calcium	1000	76000	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7439-89-6	Iron	150	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7439-95-4	Magnesium	1000	12000	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7439-96-5	Manganese	25	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	12	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-09-7	Potassium	2500	3200	1	100	50	04/26/11	6699	A12564D	25	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-23-5	Sodium	2500	36000	1	100	50	04/26/11	6699	A12564D	25	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	26	P	PEICP1A

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:	AC58548-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	PC-1 F	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	150	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-39-3	Barium	25	72	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-70-2	Calcium	1000	76000	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7439-89-6	Iron	150	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7439-95-4	Magnesium	1000	12000	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7439-96-5	Manganese	25	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	13	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-09-7	Potassium	2500	3200	1	100	50	04/26/11	6699	A12564D	26	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-23-5	Sodium	2500	36000	1	100	50	04/26/11	6699	A12564D	26	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	27	P	PEICP1A

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: 04/26/11
Data File: A12564C
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042017

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

Analyte	ICB V-112282-8	CCB-20	CCB-29	CCB-39	MB 6699 (0.5)-11			
Aluminum	.2 U	.2 U	.2 U	.2 U	.1 U			
Antimony	.015 U	.015 U	.015 U	.015 U	.0075 U			
Arsenic	.04 U	.04 U	.04 U	.04 U	.02 U			
Barium	.05 U	.05 U	.05 U	.05 U	.025 U			
Beryllium	.008 U	.008 U	.008 U	.008 U	.004 U			
Cadmium	.004 U	.004 U	.004 U	.004 U	.002 U			
Calcium	2 U	2 U	2 U	2 U	1 U			
Chromium	.05 U	.05 U	.05 U	.05 U	.025 U			
Cobalt	.02 U	.02 U	.02 U	.02 U	.01 U			
Copper	.05 U	.05 U	.05 U	.05 U	.025 U			
Iron	.3 U	.3 U	.3 U	.3 U	.15 U			
Lead	.01 U	.01 U	.01 U	.01 U	.005 U			
Magnesium	2 U	2 U	2 U	2 U	1 U			
Manganese	.05 U	.05 U	.05 U	.05 U	.025 U			
Nickel	.02 U	.02 U	.02 U	.02 U	.01 U			
Selenium	.05 U	.05 U	.05 U	.05 U	.025 U			
Silver	.02 U	.02 U	.02 U	.02 U	.01 U			
Thallium	.01 U	.01 U	.01 U	.01 U	.005 U			
Vanadium	.05 U	.05 U	.05 U	.05 U	.025 U			
Zinc	.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: 04/26/11
Data File: A12564D
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042017

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

Analyte	ICB V-112282-7	CCB-19	CCB-28	CCB-37	MB 6699 (0.5)-10			
Potassium	5 U	5 U	5 U	5 U	2.5 U			
Sodium	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: 04/26/11
Data File: H12564Ab
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042017

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

Analyte	ICB-10	CCB-22	CCB-32	MB 6699 (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: 04/26/11
Data File: H12564Ac
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042017

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

Analyte	ICB-10	CCB-20						
Mercury	.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

FORM5/FORM7

SPIKE RECOVERY DATA

PREP BATCH: 6699

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MS Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6699	1	A12564C	16	A12564C	14	4.9392	0.3179	5.000	92		70	130
Antimony	6699	1	A12564C	16	A12564C	14	0.4788	.015U	.5000	96		70	130
Arsenic	6699	1	A12564C	16	A12564C	14	0.4762	0.040U	.5000	95		70	130
Barium	6699	1	A12564C	16	A12564C	14	0.5410	0.0958	.5000	89		70	130
Beryllium	6699	1	A12564C	16	A12564C	14	0.4752	.008U	.5000	95		70	130
Cadmium	6699	1	A12564C	16	A12564C	14	0.4598	.004U	.5000	92		70	130
Calcium	6699	1	A12564C	16	A12564C	14	219.3030	181.2890	50.000	76		70	130
Chromium	6699	1	A12564C	16	A12564C	14	0.4567	0.05U	.5000	91		70	130
Cobalt	6699	1	A12564C	16	A12564C	14	0.4456	.02U	.5000	89		70	130
Copper	6699	1	A12564C	16	A12564C	14	0.4624	0.050U	.5000	92		70	130
Iron	6699	1	A12564C	16	A12564C	14	4.7384	0.3470	5.000	88		70	130
Lead	6699	1	A12564C	16	A12564C	14	0.4526	0.010U	.5000	91		70	130
Magnesium	6699	1	A12564C	16	A12564C	14	67.2199	21.7762	50.000	91		70	130
Manganese	6699	1	A12564C	16	A12564C	14	0.8664	0.4197	.5000	89		70	130
Mercury	6699	1	H12564Ab	16	H12564Ab	14	11.2300	0.2U	10	112		70	130
Nickel	6699	1	A12564C	16	A12564C	14	0.4459	.02U	.5000	89		70	130
Potassium	6699	1	A12564D	15	A12564D	13	57.3470	7.5746	50.000	100		70	130
Selenium	6699	1	A12564C	16	A12564C	14	0.4903	0.05U	.5000	98		70	130
Silver	6699	1	A12564C	16	A12564C	14	0.0976	0.02U	0.100	98		70	130
Sodium	6699	1	A12564D	15	A12564D	13	137.0080	87.0773	50.000	100		70	130
Thallium	6699	1	A12564C	16	A12564C	14	0.4746	.010U	.5000	95		70	130
Vanadium	6699	1	A12564C	16	A12564C	14	0.4601	.05U	.5000	92		70	130
Zinc	6699	1	A12564C	16	A12564C	14	0.4580	.05U	.5000	92		70	130

TxtQcType: MSD Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6699	1	A12564C	17	A12564C	14	4.8319	0.3179	5.000	90		70	130
Antimony	6699	1	A12564C	17	A12564C	14	0.4681	.015U	.5000	94		70	130
Arsenic	6699	1	A12564C	17	A12564C	14	0.4590	0.040U	.5000	92		70	130
Barium	6699	1	A12564C	17	A12564C	14	0.5229	0.0958	.5000	85		70	130
Beryllium	6699	1	A12564C	17	A12564C	14	0.4657	.008U	.5000	93		70	130
Cadmium	6699	1	A12564C	17	A12564C	14	0.4457	.004U	.5000	89		70	130
Calcium	6699	1	A12564C	17	A12564C	14	213.4720	181.2890	50.000	64	a	70	130
Chromium	6699	1	A12564C	17	A12564C	14	0.4456	0.05U	.5000	89		70	130
Cobalt	6699	1	A12564C	17	A12564C	14	0.4346	.02U	.5000	87		70	130
Copper	6699	1	A12564C	17	A12564C	14	0.4504	0.050U	.5000	90		70	130
Iron	6699	1	A12564C	17	A12564C	14	4.6455	0.3470	5.000	86		70	130
Lead	6699	1	A12564C	17	A12564C	14	0.4436	0.010U	.5000	89		70	130
Magnesium	6699	1	A12564C	17	A12564C	14	65.4537	21.7762	50.000	87		70	130
Manganese	6699	1	A12564C	17	A12564C	14	0.8426	0.4197	.5000	85		70	130
Mercury	6699	1	H12564Ab	17	H12564Ab	14	10.9200	0.2U	10	109		70	130
Nickel	6699	1	A12564C	17	A12564C	14	0.4363	.02U	.5000	87		70	130
Potassium	6699	1	A12564D	16	A12564D	13	55.6682	7.5746	50.000	96		70	130
Selenium	6699	1	A12564C	17	A12564C	14	0.4771	0.05U	.5000	95		70	130
Silver	6699	1	A12564C	17	A12564C	14	0.0947	0.02U	0.100	95		70	130
Sodium	6699	1	A12564D	16	A12564D	13	131.6550	87.0773	50.000	89		70	130
Thallium	6699	1	A12564C	17	A12564C	14	0.4631	.010U	.5000	93		70	130
Vanadium	6699	1	A12564C	17	A12564C	14	0.4487	.05U	.5000	90		70	130
Zinc	6699	1	A12564C	17	A12564C	14	0.4435	.05U	.5000	89		70	130

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7

SPIKE RECOVERY DATA

PREP BATCH: 6699

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: PS | Matrix: AQUEOUS | SampleID: AC58547-003

Analyte	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	1	A12564C	18	A12564C	14	5.4923	0.3179	5.00	103		85	115
Antimony	1	A12564C	18	A12564C	14	0.5295	.015U	.500	106		85	115
Arsenic	1	A12564C	18	A12564C	14	0.5231	0.040U	.500	105		85	115
Barium	1	A12564C	18	A12564C	14	0.5691	0.0958	.500	95		85	115
Beryllium	1	A12564C	18	A12564C	14	0.5237	.008U	.500	105		85	115
Cadmium	1	A12564C	18	A12564C	14	0.5030	.004U	.500	101		85	115
Calcium	1	A12564C	18	A12564C	14	219.5030	181.2890	50	76	a	85	115
Chromium	1	A12564C	18	A12564C	14	0.5063	0.05U	.500	101		85	115
Cobalt	1	A12564C	18	A12564C	14	0.4968	.02U	.500	99		85	115
Copper	1	A12564C	18	A12564C	14	0.5102	0.050U	.500	102		85	115
Iron	1	A12564C	18	A12564C	14	5.2312	0.3470	5	98		85	115
Lead	1	A12564C	18	A12564C	14	0.5014	0.010U	.500	100		85	115
Magnesium	1	A12564C	18	A12564C	14	71.1577	21.7762	50	99		85	115
Manganese	1	A12564C	18	A12564C	14	0.9026	0.4197	.500	97		85	115
Nickel	1	A12564C	18	A12564C	14	0.4847	.02U	.500	97		85	115
Potassium	1	A12564D	17	A12564D	13	61.2345	7.5746	50.000	107		85	115
Selenium	1	A12564C	18	A12564C	14	0.5387	0.05U	.500	108		85	115
Silver	1	A12564C	18	A12564C	14	0.0758	0.02U	.1	76	a	85	115
Sodium	1	A12564D	17	A12564D	13	137.1710	87.0773	50.000	100		85	115
Thallium	1	A12564C	18	A12564C	14	0.5243	.010U	.500	105		85	115
Vanadium	1	A12564C	18	A12564C	14	0.5024	.05U	.500	100		85	115
Zinc	1	A12564C	18	A12564C	14	0.5038	.05U	.500	101		85	115

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM6/FORM9

RPD/%Difference Data

PREP BATCH: 6699

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD | Matrix: AQUEOUS | SampleID: AC58547-003

Analyte	BatchId	Data File	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	6699	A12564C	17	A12564C	16	4.8319	4.9392	2.2	20
Antimony	6699	A12564C	17	A12564C	16	0.4681	0.4788	2.3	20
Arsenic	6699	A12564C	17	A12564C	16	0.4590	0.4762	3.7	20
Barium	6699	A12564C	17	A12564C	16	0.5229	0.5410	3.4	20
Beryllium	6699	A12564C	17	A12564C	16	0.4657	0.4752	2	20
Cadmium	6699	A12564C	17	A12564C	16	0.4457	0.4598	3.1	20
Calcium	6699	A12564C	17	A12564C	16	213.4720	219.3030	2.7	20
Chromium	6699	A12564C	17	A12564C	16	0.4456	0.4567	2.5	20
Cobalt	6699	A12564C	17	A12564C	16	0.4346	0.4456	2.5	20
Copper	6699	A12564C	17	A12564C	16	0.4504	0.4624	2.6	20
Iron	6699	A12564C	17	A12564C	16	4.6455	4.7384	2	20
Lead	6699	A12564C	17	A12564C	16	0.4436	0.4526	2	20
Magnesium	6699	A12564C	17	A12564C	16	65.4537	67.2199	2.7	20
Manganese	6699	A12564C	17	A12564C	16	0.8426	0.8664	2.8	20
Mercury	6699	H12564Ab	17	H12564Ab	16	10.9200	11.2300	2.8	20
Nickel	6699	A12564C	17	A12564C	16	0.4363	0.4459	2.2	20
Potassium	6699	A12564D	16	A12564D	15	55.6682	57.3470	3	20
Selenium	6699	A12564C	17	A12564C	16	0.4771	0.4903	2.7	20
Silver	6699	A12564C	17	A12564C	16	0.0947	0.0976	3.1	20
Sodium	6699	A12564D	16	A12564D	15	131.6550	137.0080	4	20
Thallium	6699	A12564C	17	A12564C	16	0.4631	0.4746	2.4	20
Vanadium	6699	A12564C	17	A12564C	16	0.4487	0.4601	2.5	20
Zinc	6699	A12564C	17	A12564C	16	0.4435	0.4580	3.2	20

TxtQcType: SD | Matrix: AQUEOUS | SampleID: AC58547-003

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff		Limit
Aluminum	6699	A12564C	21	A12564C	14	5	0.2215	0.3179	248	a	10
Antimony	6699	A12564C	21	A12564C	14	5	0.0023	0.0039	---		10
Arsenic	6699	A12564C	21	A12564C	14	5	-0.0015	-0.0020	---		10
Barium	6699	A12564C	21	A12564C	14	5	0.0201	0.0958	5.1		10
Beryllium	6699	A12564C	21	A12564C	14	5	0.0000	0.0001	---		10
Cadmium	6699	A12564C	21	A12564C	14	5	0.0005	0.0011	---		10
Calcium	6699	A12564C	21	A12564C	14	5	38.8198	181.2890	7.1		10
Chromium	6699	A12564C	21	A12564C	14	5	-0.0020	-0.0019	---		10
Cobalt	6699	A12564C	21	A12564C	14	5	-0.0038	-0.0035	---		10
Copper	6699	A12564C	21	A12564C	14	5	0.0059	0.0066	349	c	10
Iron	6699	A12564C	21	A12564C	14	5	0.0504	0.3470	27	c	10
Lead	6699	A12564C	21	A12564C	14	5	-0.0048	-0.0029	---		10
Magnesium	6699	A12564C	21	A12564C	14	5	4.6108	21.7762	5.9		10
Manganese	6699	A12564C	21	A12564C	14	5	0.0904	0.4197	7.7		10
Nickel	6699	A12564C	21	A12564C	14	5	-0.0002	0.0001	---		10
Potassium	6699	A12564D	20	A12564D	13	5	1.5808	7.5746	4.3		10
Selenium	6699	A12564C	21	A12564C	14	5	0.0252	0.0378	232	c	10
Silver	6699	A12564C	21	A12564C	14	5	0.0007	0.0015	---		10
Sodium	6699	A12564D	20	A12564D	13	5	17.1564	87.0773	1.5		10
Thallium	6699	A12564C	21	A12564C	14	5	0.0000	0.0033	---		10
Vanadium	6699	A12564C	21	A12564C	14	5	0.0011	0.0206	75	c	10
Zinc	6699	A12564C	21	A12564C	14	5	0.0082	0.0155	164	c	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

Cyanide
Water

Analysis	Cyanide Water (Total)			Q.C. DATA								
Batch#	286				Theoretical							
					Value	Result	% REC	Limits (%)				
Prep Date	4/26/2011				PPM	PPM						
Prep By	JB											
Analysis Date	4/27/2011	4/28/2011		LCS	0.40	0.399	100	75-125				
Analyzed By	hs			MS	0.40	0.409	100	75-125				
				MSD	0.40	0.408	100	75-125				
				Sample		0.008						
					MS	0.409	RPD					
					MSD	0.408	0	20				

Samples #		PPM	Solid Factor	Sample vol	Dilution Factor	Scrub. vol(L)	TCN (ppm)	RL	%Rec	Date		
ICV		0.376924	1	50	1	50	0.377	0.02	94	4/27/2011		
ICB		0.007873	1	50	1	50	ND	0.02		4/27/2011		
MB		0.007262	1	50	1	50	ND	0.02		4/27/2011		
LCS		0.399336	1	50	1	50	0.399	0.02		4/27/2011		
AC58547-01		0.007840	1	50	1	50	ND	0.02		4/27/2011		
AC58547-002		0.007500	1	50	1	50	ND	0.02		4/27/2011		
AC58547-002MS		0.408514	1	50	1	50	0.409	0.02		4/27/2011		
AC58547-003		0.014749	1	50	1	50	ND	0.02		4/27/2011		
AC58547-004		0.014314	1	50	1	50	ND	0.02		4/27/2011		
AC58547-009		0.006339	1	50	1	50	ND	0.02		4/27/2011		
AC58548-001		0.006244	1	50	1	50	ND	0.02		4/27/2011		
CCV		0.381453	1	50	1	50	0.381	0.02	95	4/27/2011		
CCB		0.007898	1	50	1	50	ND	0.02		4/27/2011		
AC58548-003		0.008509	1	50	1	50	ND	0.02		4/27/2011		
AC58548-005		0.019620	1	50	1	50	0.020	0.02		4/27/2011		
AC58548-007		0.020369	1	50	1	50	0.020	0.02		4/27/2011		
AC58548-009		0.007026	1	50	1	50	ND	0.02		4/27/2011		
CCV		0.392466	1	50	1	50	0.392	0.02	98	4/27/2011		
CCB		0.009262	1	50	1	50	ND	0.02		4/27/2011		
CCV		0.413238	1	50	1	50	0.413	0.02	103	4/28/2011		
CCB		0.002807	1	50	1	50	ND	0.02		4/28/2011		
AC58547-002MSD		0.407613	1	50	1	50	0.408	0.02		4/28/2011		
CCV		0.409436	1	50	1	50	0.409	0.02	102	4/28/2011		
CCB		0.003283	1	50	1	50	ND	0.02		4/28/2011		

JK 5141"

Analysis Type: TCN-W

Batch Number: TCN-W-1

Units: mg/l

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CAL-01	CAL-01-04/28/11	0.4	90-110	NA	0.387743	97	NA	
CCV	CCV-1	0.4	90-110	NA	0.406023	NA	NA	
DUP	AC57897-014	0	NA	20	0.796609	NA	NA	
ICB	ICB-1	0	NA	NA	0.002637	NA	NA	
LCS	LCS-2	0.4	75-125	NA	0.395043	NA	NA	
LCS	LCS-1	0.4	75-125	NA	0.389927	97	NA	
MS	AC58548-011	0.4	75-125	NA	0.353583	88	NA	
MSD	AC58548-011	0.4	75-125	20	0.38604	97	8.8	

Analytical Method(s)

EPA 335.4

Sam #	Type	MB	Result	RL	Per Sol	Full Result	Amt	SmpVol	DF	ScrubVol	Prep Date	Prep By	Anal Date	Anal By
CAL-01-04/28/11	CAL-01		0.39		100	0.38774	.387743	1	1	1			04/28/11	JS
MB-1-04/27/11	MB		ND	0.02	100	0.006269	0.006269	50	1	50	04/27/11		04/28/11	JS
ICB-1	ICB	MB-1-04/28/11	ND	0.02	100	0.002637	0.002637	50	1	50	04/27/11	JS	04/28/11	JS
LCS-1	LCS	MB-1-04/28/11	0.39	0.02	100	0.38993	0.389927	50	1	50	04/27/11	JS	04/28/11	JS
AC58458-001	Sample	MB-1-04/28/11	ND	0.02	100	0.003064	0.003064	50	1	50	04/27/11	JS	04/28/11	JS
AC58548-011	Sample	MB-1-04/28/11	ND	0.02	100	0.007428	0.007428	50	1	50	04/27/11	JS	04/28/11	JS
AC58548-011	MS	MB-1-04/28/11	0.35	0.02	100	0.35358	0.353583	50	1	50	04/27/11	JS	04/28/11	JS
AC58548-011	MSD	MB-1-04/28/11	0.39	0.02	100	0.38604	0.386040	50	1	50	04/27/11	JS	04/28/11	JS
AC58657-003	Sample		2.4	0.1	100	2.3573	.471463	50	5	50	04/27/11		04/28/11	JS
AC57897-014	Sample	MB-1-04/27/11	0.78	0.02	100	0.7836	.783595	50	1	50	04/27/11		04/28/11	JS
AC57897-014	DUP	MB-1-04/27/11	0.8	0.02	100	0.79661	.796609	50	1	50	04/27/11		04/28/11	JS
LCS-2	LCS	MB-1-04/27/11	0.4	0.02	100	0.39504	.395043	50	1	50	04/27/11		04/28/11	JS
CCV-1	CCV	MB-1-04/27/11	0.41		100	0.40602	.406023	50	1	50	04/27/11		04/28/11	JS
CCB-2	CCB	MB-1-04/27/11	ND	0.02	100	0.003084	.003084	50	1	50	04/27/11		04/28/11	JS

JR 5/10/11

1st Rvl Analyst

6/10/11

Flag Codes: Ra - Recovery failed specified criteria (PVS/LCS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

MS/MSD Recovery

Prep Batch: W-408 Sample ID: AC58547-001
Method: 300.0 rev2.1 Matrix Aqueous

Qc Type: MS		Limits		MS	Sample			MS/MSD			Non Spike		
Analyte	Amt	Recov	Dil	Conc	Conc	Recov	Flag	Batch	RunID	Analysis Date	Batch	RunID	Analysis Date
Chloride	5	80-120	1	13.3001	8.8619	89		20110428204	12	04/29/11 02:19	20110428204	11	04/29/11 01:48

Qc Type: MSD		Limits			MSD	Sample				MS/MSD			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	13.2347	8.8619	87	0.5		20110428204	13	04/29/11 02:49	20110428204	11	04/29/11 01:48

LCS Recoveries

	BatchRunID/RunID:====>	201104282044-10	201105021359-10			
	QcBatchID:====>	LCSW-0320	LCS			
	Date/Time:====>	04/29/11 01:18	05/02/11 18:32			
	Analytical Method:====>	300.0 rev2.1	300.0 rev2.1			
	Matrix:====>	Aqueous	Soil	Soil	Soil	Soil
Analyte	300.0 rev2.1 Amt Limits Amt Limits	% Rec Flags	% Rec Flags	% Rec Flags	% Rec Flags	% Rec Flags
Chloride	5 90-110	107	103			

0071

Calibration Curve

Instrument: IC1
Analysis Date: 04/28/11
Analytical Methods: 300.0 rev2.1;EPA 9056

		Area Found						Concentration Amount						
Batch ID:	Analyte:	Area1	Area2	Area3	Area4	Area5	Area6	Conc1	Conc2	Conc3	Conc4	Conc5	Conc6	rSq
201104282044	Chloride	0	0.139	0.661	1.457	3.008	8.287	0	1	5	10	20	50	99.933
201105021359	Chloride	0	0.128	0.657	1.487	3.012	8.47	0	1	5	10	20	50	99.91

Calibration Summary:

Instrument: IC1
Analysis Meth: 300.0 rev2.1

Analyte	Batch ID	Run#	Qc Type	Recov	Spk Amt	Limit
Chloride	201104282044	7	ICV	97	10	90-110
Chloride	201104282044	19	CCV	97	10	90-110
Chloride	201104282044	32	CCV	97	10	90-110
Chloride	201105021359	7	ICV	100	10	90-110
Chloride	201105021359	19	CCV	94	10	90-110

Analyte	Batch ID	Run#	Qc Type	Recov	Spk Amt	Limit

Blank Summary

Instrument: IC1

Qc Type: Method Blank Summary Prep Date: 4/28/11

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
201104282044	4/29/11 00:47	MBW-0320	9	Chloride	ND	1.0

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
201104282044	4/29/11 00:17	ICB	8	Chloride	ND	1.0
201105021359	5/2/11 17:32	ICB	8	Chloride	ND	1.0

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
201104282044	4/29/11 06:22	CCB	20	Chloride	ND	1.0
201104282044	4/29/11 12:57	CCB	33	Chloride	ND	1.0
201105021359	5/2/11 23:36	CCB	20	Chloride	ND	1.0

HC·V
HAMPTONCLARKE·VERITECH

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

WWW.HCVLAB.COM

Project: 9051.003

Client PO: 9051.003

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

Attn: Kimberly Somers

Received Date: 4/20/2011

Report Date: 5/23/2011

Deliverables: NYDOH-CatA

Lab ID: AC58547

Lab Project No: 1042016

Jeri Rossi - Quality Assurance Director OR Stanley Gilewicz - Laboratory Director

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)	USACE
PA	(68-00463 and 68-04409)	KY	(90124)	WV	(353)	

NELAP ACCREDITED TNI LABORATORY

HC·V
HAMPTONCLARKE·VERITECH

THIS CATEGORY "A" REPORT
IS NUMBERED FROM
1 to 132

HCV Case Narrative/Conformance Summary

Client: Cashin Associates **HCV Project:** 1042016
Project: 9051.003

Hampton-Clarke/Veritech (HC·V) received the following samples on April 20, 2011:

Client ID	HCV Sample ID	Matrix	Analysis
SW-1	AC58547-001	Aqueous	VO (624), BNA (625), Metals (200.7/245.1), Chloride (300.0), Cyanide (335.4)
SW-2	AC58547-002	Aqueous	VO (624), BNA (625), Metals (200.7/245.1), Chloride (300.0), Cyanide (335.4)
SW-3	AC58547-003	Aqueous	VO (624), BNA (625), Metals (200.7/245.1), Chloride (300.0), Cyanide (335.4)
SW-4	AC58547-004	Aqueous	VO (624), BNA (625), Metals (200.7/245.1), Chloride (300.0), Cyanide (335.4)
SD-1	AC58547-005	Soil	VO (8260B), BNA (8270C), Metals (9010B/4771A), Chloride (9056), Cyanide (9012B)
SD-2	AC58547-006	Soil	VO (8260B), BNA (8270C), Metals (9010B/4771A), Chloride (9056), Cyanide (9012B)
SD-3	AC58547-007	Soil	VO (8260B), BNA (8270C), Metals (9010B/4771A), Chloride (9056), Cyanide (9012B)
SD-4	AC58547-008	Soil	VO (8260B), BNA (8270C), Metals (9010B/4771A), Chloride (9056), Cyanide (9012B)
FB-1	AC58547-009	Aqueous	VO (624), BNA (625), Metals (200.7/245.1), Chloride (300.0), Cyanide (335.4)
TRIP	AC58547-010	Aqueous	VO (624)

Volatile Organic Analysis:

2-Chloroethylvinylether did not recover in the Matrix Spike and Matrix Spike Duplicate in batch MBS7464 due to acid preservation of sample. 2-Chloroethylvinylether readily decomposes under acidic conditions. The recovery of 2-Chloroethylvinylether is within QC limits in the Laboratory Control Sample (MBS).

The recovery of 1,1-Dichloroethane is biased low, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch MBS7464. All QC criteria were met in the Laboratory Control Sample (MBS).

Base Neutral/Acid Extractable Analysis:

The recoveries of Dimethylphthalate and Di-n-Butylphthalate are biased high, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch WMB5098. The recovery of Diethylphthalate is biased high, outside QC limits in the Matrix Spike Duplicate. All QC criteria were met in the Laboratory Control Sample (MBS).

Metals Analysis:

The recoveries of Aluminum, Antimony, Copper, Manganese and Zinc are outside QC limits in the Matrix Spike and/or Matrix Spike Duplicate in batch 6695. The MS/MSD RPD of Iron and Lead is outside QC limits also. All QC criteria were met in the LCS and LCS MR. The serial dilution for Cobalt and Silver is outside QC limits suggesting matrix interference.

The recovery of Calcium is biased low, outside QC limits in the Matrix Spike Duplicate in batch 6699. All QC criteria were met in the LCS and LCS MR. The serial dilution for Aluminum is outside QC limits suggesting matrix interference.

Wet Chemistry Analysis:

The recovery of Chloride is biased low, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch S-147. All QC criteria were met in the Laboratory Control Sample (MBS).

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.

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

5/24/11
Date

0004

Veritech/Division of Hampton-Clarke
175 US Hwy 46 West, Fairfield, New Jersey 07004
198 Route 46 East, Fairfield, NJ 07004
Ph: 800-426-9992 Fax: 973-439-1458

HC-V Hampton-Clarke-Veritech

CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 1042016

Page _____ of _____

NELAC/NJ #07071 & 07069 | CT #PH-0671 | NY #11408 & 11939 | PA #68-00463 & 68-04409 | WV #353 | KY #90124

Customer Information

1a) Customer: Cashin Assoc
Address: 1200 Veterans Mem. 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: 9051.003
2b) Project Mgr: Greg Greene
2c) Project Location (City/State): Harrison, NY
2d) Quote/PO # (If Applicable): 9051.003

3) Reporting Requirements (Please Circle)

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

Expedited TAT Not Always Available (Please Check with Lab)!

FOR LAB USE ONLY

Batch # AC58549

Check If Contingent ===>

Matrix Codes
DW - Drinking Water; GW - Ground Water; WW - Waste Water; S - Soil; SL - Sludge; OL - Oil; A - Air; OT - Other

7) Analysis Request

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VOCs 8260	TCL SVOCs	TAL Metals Total	TAL Metal - Lab filter	Cyanide	Chloride	Mercury	For EPH Analysis: EPH Cat 1	EPH Cat 2 Screen/Total	EPH Cat 2 Fractionation	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9b) Comments
-001	SW-1	GW	4/19	1:50		X	X	X	X		X	X	X				2			1	3		1		
-002	SW-2	GW	4/19	12:08		X	X	X	X		X	X	X				2			1	3		1		
-003	SW-3	GW	4/19	3:00		X	X	X	X		X	X	X				2			1	3		1		
-004	SW-4	GW	4/19	4:00		X	X	X	X		X	X	X				2			1	3		1		
-005	SD-1	S	4/19	1:50		X	X	X	X		X	X	X				2								
-006	SD-2	S	4/19	12:08		X	X	X	X		X	X	X				2								
-007	SD-3	S	4/19	3:00		X	X	X	X		X	X	X				2								
-008	SD-4	S	4/19	4:00		X	X	X	X		X	X	X				2								
-009	FB-1	GW	4/20	1000		X	X	X	X		X	X	X				2			1	3		1		
-010	TRIP																								

9a) Methanol Bottle Numbers (If Applicable)

10) Relinquished by:	Accepted by:	Date	Time
K Somers	Keith Davis-Jack	04/20/11	1430
Keith Davis-Jack	[signature]	04/20/11	1530

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)

Note: Check if applicable:
- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations

Cooler Temperature: 2-6 / 3-1, 3-0

11) Sampler (print name): Kim Somers Date: 4/20/11

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

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: 9051.003

HCV Project #: 1042016

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joy192.168.1.31
5/23/2011 3:43:40 PM

Trip Blank date on vials is 4/13/11. JK 5/23/11

CONDITION UPON RECEIPT

Batch Number AC58547 Entered By: Frantz
Date Entered 4/20/2011 4:21:00 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	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 2.4,2.5,3.1,3.0
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 AC58547

Entered By: Frantz

Date Entered 4/20/2011 4:22:00 PM

Lab#:	Container Siz	Container Typ	Parameter	Preservative	PH
AC58547-001	40ml	G	VO+10	HCL	1
AC58547-001	500ml	G	CN	NaOH	14
AC58547-001	1L	P	METALS	HNO3	1
AC58547-002	40ml	G	VO+10	HCL	1
AC58547-002	500ml	G	CN	NaOH	14
AC58547-002	1L	P	METALS	HNO3	1
AC58547-003	40ml	G	VO+10	HCL	1
AC58547-003	500ml	G	CN	NaOH	14
AC58547-003	1L	P	METALS	HNO3	1
AC58547-004	40ml	G	VO+10	HCL	1
AC58547-004	500ml	G	CN	NaOH	14
AC58547-004	1L	P	METALS	HNO3	1
AC58547-005	NA	NA	NA	NA	NA
AC58547-006	NA	NA	NA	NA	NA
AC58547-007	NA	NA	NA	NA	NA
AC58547-008	NA	NA	NA	NA	NA
AC58547-009	40ml	G	VO+10	HCL	1
AC58547-009	500ml	G	CN	NaOH	14
AC58547-009	1L	P	METALS	HNO3	1
AC58547-010	40ml	G	VO+10	HCL	1

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC58547-001	04/20/11 15:30	FRAN	0	M	Received
AC58547-001	04/20/11 16:21	FRAN	0	M	Login
AC58547-001	04/21/11 07:55	R22	2	A	NONE
AC58547-001	04/22/11 15:03	SG	2	A	VOA
AC58547-001	04/21/11 07:55	R22	3	A	NONE
AC58547-001	04/24/11 05:19	MLC	4	A	A, BNA
AC58547-001	04/25/11 11:32	JPC	6	A	TDWI-HG
AC58547-001	04/25/11 13:07	R12	6	A	NONE
AC58547-001	04/26/11 07:29	JB	7	A	TCN
AC58547-001	04/26/11 14:42	R12	7	A	NONE
AC58547-001	04/28/11 18:55	SB	8	A	ic-w
AC58547-001	04/28/11 18:55	R12	8	A	ic-w
AC58547-002	04/20/11 15:30	FRAN	0	M	Received
AC58547-002	04/20/11 16:21	FRAN	0	M	Login
AC58547-002	04/21/11 07:55	R22	2	A	NONE
AC58547-002	04/22/11 15:03	SG	2	A	VOA
AC58547-002	04/21/11 07:55	R22	3	A	NONE
AC58547-002	04/20/11 16:38	R12	4	A	NONE
AC58547-002	04/20/11 16:38	R12	5	A	NONE
AC58547-002	04/24/11 05:19	MLC	5	A	A, BNA
AC58547-002	04/20/11 16:38	R12	6	A	NONE
AC58547-002	04/25/11 11:32	JPC	6	A	TDWI-HG
AC58547-002	04/25/11 13:07	R12	6	A	NONE
AC58547-002	04/20/11 16:38	R12	7	A	NONE
AC58547-002	04/26/11 07:29	JB	7	A	TCN
AC58547-002	04/26/11 14:42	R12	7	A	NONE
AC58547-002	04/20/11 16:38	R12	8	A	NONE
AC58547-002	04/28/11 18:55	R12	8	A	ic-w
AC58547-002	04/28/11 18:55	SB	8	A	ic-w
AC58547-003	04/20/11 15:30	FRAN	0	M	Received
AC58547-003	04/20/11 16:21	FRAN	0	M	Login
AC58547-003	04/21/11 07:55	R22	2	A	NONE
AC58547-003	04/22/11 15:03	SG	2	A	VOA
AC58547-003	04/21/11 07:55	R22	3	A	NONE
AC58547-003	04/20/11 16:38	R12	4	A	NONE
AC58547-003	04/20/11 16:38	R12	5	A	NONE
AC58547-003	04/24/11 05:19	MLC	5	A	A, BNA
AC58547-003	04/20/11 16:38	R12	6	A	NONE
AC58547-003	04/25/11 11:32	JPC	6	A	TDWI-HG
AC58547-003	04/25/11 13:07	R12	6	A	NONE
AC58547-003	04/20/11 16:38	R12	7	A	NONE
AC58547-003	04/26/11 07:29	JB	7	A	TCN
AC58547-003	04/26/11 14:42	R12	7	A	NONE
AC58547-003	04/20/11 16:38	R12	8	A	NONE
AC58547-003	04/28/11 18:55	SB	8	A	ic-w
AC58547-003	04/28/11 18:55	R12	8	A	ic-w
AC58547-004	04/20/11 15:30	FRAN	0	M	Received
AC58547-004	04/20/11 16:21	FRAN	0	M	Login
AC58547-004	04/21/11 07:55	R22	2	A	NONE
AC58547-004	04/22/11 15:03	SG	2	A	VOA
AC58547-004	04/21/11 07:55	R22	3	A	NONE
AC58547-004	04/20/11 16:38	R12	4	A	NONE
AC58547-004	04/24/11 05:19	MLC	4	A	A, BNA
AC58547-004	04/20/11 16:38	R12	5	A	NONE
AC58547-004	04/24/11 05:19	MLC	5	A	A, BNA
AC58547-004	04/24/11 10:08	R12	5	A	NONE
AC58547-004	04/24/11 10:13	R12	5	A	NONE
AC58547-004	04/20/11 16:38	R12	6	A	NONE
AC58547-004	04/25/11 11:32	JPC	6	A	TDWI-HG
AC58547-004	04/25/11 13:07	R12	6	A	NONE
AC58547-004	04/20/11 16:38	R12	7	A	NONE
AC58547-004	04/26/11 07:29	JB	7	A	TCN
AC58547-004	04/26/11 14:42	R12	7	A	NONE
AC58547-004	04/20/11 16:38	R12	8	A	NONE
AC58547-004	04/28/11 18:55	SB	8	A	ic-w
AC58547-004	04/28/11 18:55	R12	8	A	ic-w
AC58547-005	04/20/11 15:30	FRAN	0	M	Received
AC58547-005	04/20/11 16:21	FRAN	0	M	Login
AC58547-005	04/21/11 07:52	R21	1	A	NONE
AC58547-005	04/21/11 15:44	SG	1	A	VOA
AC58547-005	04/21/11 16:04	R21	1	A	NONE
AC58547-005	04/20/11 16:38	R12	2	A	NONE
AC58547-005	04/21/11 00:10	PA	2	A	mixing
AC58547-005	04/22/11 10:20	JCC	2	A	%SOLIDS

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC58547-005	04/22/11 10:49	R12	2	A	NONE
AC58547-005	04/23/11 12:53	JPC	2	A	TDSI-HG
AC58547-005	04/23/11 14:35	R12	2	A	NONE
AC58547-005	04/25/11 08:42	MSL	2	A	bn
AC58547-005	04/25/11 15:10	R12	2	A	NONE
AC58547-005	04/28/11 11:30	JS	2	A	TCN-S
AC58547-005	04/28/11 12:06	R12	2	A	NONE
AC58547-005	05/04/11 17:52	R12	2	A	ic-s
AC58547-005	05/04/11 17:52	SB	2	A	ic-s
AC58547-006	04/20/11 15:30	FRAN	0	M	Received
AC58547-006	04/20/11 16:21	FRAN	0	M	Login
AC58547-006	04/21/11 07:52	R21	1	A	NONE
AC58547-006	04/21/11 15:44	SG	1	A	VOA
AC58547-006	04/21/11 16:04	R21	1	A	NONE
AC58547-006	04/20/11 16:38	R12	2	A	NONE
AC58547-006	04/21/11 00:10	R12	2	A	NONE
AC58547-006	04/21/11 00:10	PA	2	A	mixing
AC58547-006	04/22/11 10:20	JCC	2	A	%SOLIDS
AC58547-006	04/22/11 10:49	R12	2	A	NONE
AC58547-006	04/23/11 12:53	JPC	2	A	TDSI-HG
AC58547-006	04/23/11 14:35	R12	2	A	NONE
AC58547-006	04/25/11 08:42	MSL	2	A	bn
AC58547-006	04/25/11 15:10	R12	2	A	NONE
AC58547-006	04/28/11 11:30	JS	2	A	TCN-S
AC58547-006	04/28/11 12:06	R12	2	A	NONE
AC58547-006	05/04/11 17:52	R12	2	A	ic-s
AC58547-006	05/04/11 17:52	SB	2	A	ic-s
AC58547-007	04/20/11 15:30	FRAN	0	M	Received
AC58547-007	04/20/11 16:21	FRAN	0	M	Login
AC58547-007	04/21/11 07:52	R21	1	A	NONE
AC58547-007	04/21/11 15:44	SG	1	A	VOA
AC58547-007	04/21/11 16:04	R21	1	A	NONE
AC58547-007	04/20/11 16:38	R12	2	A	NONE
AC58547-007	04/21/11 00:10	PA	2	A	mixing
AC58547-007	04/21/11 00:10	R12	2	A	NONE
AC58547-007	04/22/11 10:20	JCC	2	A	%SOLIDS
AC58547-007	04/22/11 10:49	R12	2	A	NONE
AC58547-007	04/23/11 12:53	JPC	2	A	TDSI-HG
AC58547-007	04/23/11 14:35	R12	2	A	NONE
AC58547-007	04/25/11 08:42	MSL	2	A	bn
AC58547-007	04/25/11 15:10	R12	2	A	NONE
AC58547-007	04/28/11 11:30	JS	2	A	TCN-S
AC58547-007	04/28/11 12:06	R12	2	A	NONE
AC58547-007	05/04/11 17:52	R12	2	A	ic-s
AC58547-007	05/04/11 17:52	SB	2	A	ic-s
AC58547-008	04/20/11 15:30	FRAN	0	M	Received
AC58547-008	04/20/11 16:21	FRAN	0	M	Login
AC58547-008	04/21/11 07:52	R21	1	A	NONE
AC58547-008	04/21/11 15:44	SG	1	A	VOA
AC58547-008	04/21/11 16:04	R21	1	A	NONE
AC58547-008	04/20/11 16:38	R12	2	A	NONE
AC58547-008	04/21/11 00:10	R12	2	A	NONE
AC58547-008	04/21/11 00:10	PA	2	A	mixing
AC58547-008	04/22/11 10:20	JCC	2	A	%SOLIDS
AC58547-008	04/22/11 10:49	R12	2	A	NONE
AC58547-008	04/23/11 12:53	JPC	2	A	TDSI-HG
AC58547-008	04/23/11 14:35	R12	2	A	NONE
AC58547-008	04/25/11 08:42	MSL	2	A	bn
AC58547-008	04/25/11 15:10	R12	2	A	NONE
AC58547-008	04/28/11 11:30	JS	2	A	TCN-S
AC58547-008	04/28/11 12:06	R12	2	A	NONE
AC58547-008	05/04/11 17:52	SB	2	A	ic-s
AC58547-008	05/04/11 17:52	R12	2	A	ic-s
AC58547-009	04/20/11 15:30	FRAN	0	M	Received
AC58547-009	04/20/11 16:21	FRAN	0	M	Login
AC58547-009	04/21/11 07:55	R22	2	A	NONE
AC58547-009	04/22/11 14:33	SG	2	A	VOA
AC58547-009	04/22/11 18:10	R22	2	M	NONE
AC58547-009	04/25/11 14:54	WP	2	A	VOA
AC58547-009	04/21/11 07:55	R22	3	A	NONE
AC58547-009	04/20/11 16:38	R12	4	A	NONE
AC58547-009	04/24/11 05:19	MLC	4	A	A, BNA
AC58547-009	04/20/11 16:38	R12	5	A	NONE
AC58547-009	04/20/11 16:38	R12	6	A	NONE
AC58547-009	04/25/11 11:32	JPC	6	A	TDWI-HG

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

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC58547-009	04/25/11 13:07	R12	6	A	NONE
AC58547-009	05/02/11 09:18	JPC	6	A	tdwi
AC58547-009	05/02/11 09:28	R12	6	A	NONE
AC58547-009	04/20/11 16:38	R12	7	A	NONE
AC58547-009	04/26/11 07:29	JB	7	A	TCN
AC58547-009	04/26/11 14:42	R12	7	A	NONE
AC58547-009	04/20/11 16:38	R12	8	A	NONE
AC58547-009	04/28/11 18:55	SB	8	A	ic-w
AC58547-009	04/28/11 18:55	R12	8	A	ic-w
AC58547-010	04/20/11 15:30	FRAN	0	M	Received
AC58547-010	04/20/11 16:21	FRAN	0	M	Login
AC58547-010	04/21/11 07:55	R22	2	A	NONE
AC58547-010	04/22/11 14:33	SG	2	A	VOA
AC58547-010	04/22/11 18:10	R22	2	M	NONE
AC58547-010	04/25/11 14:54	WP	2	A	VOA
AC58547-010	04/21/11 07:55	R22	3	A	NONE
AC58547-010	04/21/11 07:55	R22	4	A	NONE
AC58547-010	04/21/11 07:55	R22	5	A	NONE
AC58547-010	04/21/11 07:55	R22	6	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: 9051.003

HCV Project #: 1042016

Lab#: AC58547-001 **Sample ID: SW-1**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 01:48	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Mercury (Water) 245.1	245.1 rev3.0	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:58	CJA
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 05:21	AHD
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 19:01	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:44	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/23/11 01:34	SG

Lab#: AC58547-002 **Sample ID: SW-2**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 03:20	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Mercury (Water) 245.1	245.1 rev3.0	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:59	CJA
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 05:43	AHD
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 19:05	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:47	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/23/11 01:50	SG

Lab#: AC58547-003 **Sample ID: SW-3**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	5/2/11 19:03	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Mercury (Water) 245.1	245.1 rev3.0	4/25/11	Joelly	245.1 rev3.0	4/26/11 14:03	CJA
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 06:05	AHD
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 20:58	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 18:06	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/23/11 02:06	SG

Laboratory Chronicle

Client: Cashin Associates
Project: 9051.003

HCV Project #: 1042016

Lab#: AC58547-004 **Sample ID: SW-4**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 04:20	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Mercury (Water) 245.1	245.1 rev3.0	4/25/11	Joelly	245.1 rev3.0	4/26/11 15:01	CJA
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/24/11 18:41	AHD
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 19:08	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:50	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/23/11 02:22	SG

Lab#: AC58547-005 **Sample ID: SD-1**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/22/11 00:00	jon
Chloride (Soil) 9056		5/4/11	sylviab	EPA 9056	5/5/11 01:48	nnm
Cyanide (Soil/Waste) 9012B	EPA 9012B	4/28/11	sylvia	EPA 9012B	4/29/11 00:00	johns
Mercury (Soil/Waste) 7471A	EPA 7471A	4/23/11	Joelly	EPA 7471A	4/25/11 10:23	CJA
Semivolatile Organics + 25 (8270)	3510C/3550B	4/25/11	marie	EPA 8270C	4/25/11 23:34	AHD
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 16:54	GK
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 13:45	GK
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 8260B	4/21/11 19:00	WP

Lab#: AC58547-006 **Sample ID: SD-2**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/22/11 00:00	jon
Chloride (Soil) 9056		5/4/11	sylviab	EPA 9056	5/5/11 04:20	nnm
Cyanide (Soil/Waste) 9012B	EPA 9012B	4/28/11	sylvia	EPA 9012B	4/29/11 00:00	johns
Mercury (Soil/Waste) 7471A	EPA 7471A	4/23/11	Joelly	EPA 7471A	4/25/11 10:24	CJA
Semivolatile Organics + 25 (8270)	3510C/3550B	4/25/11	marie	EPA 8270C	4/25/11 23:57	AHD
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 16:58	GK
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/26/11 15:32	GK
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 13:51	GK
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 8260B	4/21/11 19:48	WP

Laboratory Chronicle

Client: Cashin Associates
Project: 9051.003

HCV Project #: 1042016

Lab#: AC58547-007 **Sample ID: SD-3**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/22/11 00:00	jon
Chloride (Soil) 9056		5/4/11	sylviab	EPA 9056	5/5/11 04:50	nnm
Cyanide (Soil/Waste) 9012B	EPA 9012B	4/28/11	sylvia	EPA 9012B	4/29/11 00:00	johns
Mercury (Soil/Waste) 7471A	EPA 7471A	4/23/11	Joelly	EPA 7471A	4/25/11 10:25	CJA
Semivolatile Organics + 25 (8270)	3510C/3550B	4/25/11	marie	EPA 8270C	4/27/11 16:53	AHD
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 17:01	GK
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 13:57	GK
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 8260B	4/21/11 19:16	WP

Lab#: AC58547-008 **Sample ID: SD-4**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/22/11 00:00	jon
Chloride (Soil) 9056		5/4/11	sylviab	EPA 9056	5/5/11 05:21	nnm
Cyanide (Soil/Waste) 9012B	EPA 9012B	4/28/11	sylvia	EPA 9012B	4/29/11 00:00	johns
Mercury (Soil/Waste) 7471A	EPA 7471A	4/23/11	Joelly	EPA 7471A	4/25/11 10:26	CJA
Semivolatile Organics + 25 (8270)	3510C/3550B	4/25/11	marie	EPA 8270C	4/27/11 17:16	AHD
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 14:02	GK
TAL Metals 6010	3005&10/3050	4/23/11	Joelly	EPA 6010B	4/25/11 17:05	GK
Volatile Organics + 10 (8260)	EPA5030/5035			EPA 8260B	4/21/11 19:32	WP

Lab#: AC58547-009 **Sample ID: FB-1**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Chloride (Water) 300.0		4/28/11	nnm	300.0 rev2.1	4/29/11 04:51	nnm
Cyanide-Water (EPA 335.4)	EPA 335.4	4/26/11	johns	EPA 335.4	4/27/11 00:00	hossain
Mercury (Water) 245.1	245.1 rev3.0	4/25/11	Joelly	245.1 rev3.0	4/26/11 15:02	CJA
Semivolatile Organics + 25 (625)	EPA 625	4/24/11	mahaliac	EPA 625	4/25/11 06:27	AHD
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/26/11 21:53	SRB
TAL Metals 200.7/8	EPA 200.2	4/25/11	Joelly	200.7/200.8	4/28/11 18:25	SRB
TAL Metals 200.7/8	EPA 200.2	5/2/11	Joelly	200.7/200.8	5/2/11 20:11	SRB
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/25/11 20:57	WP

Laboratory Chronicle

Client: Cashin Associates
Project: 9051.003

HCV Project #: 1042016

Lab#: AC58547-010 **Sample ID: TRIP**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Volatile Organics + 10 (624)	EPA 624			EPA 624	4/25/11 21:13	WP

HCV Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL = Reporting Limit *

RT = Retention Time

NA = Not Applicable

ND = Not Detected

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 concentration is below the Reporting Limit (RL) but above the MDL (Method Detection Limit). The concentration reported is an estimate.

*For Clean Water Act and SW846 Organic Methods and Metals Methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve.

*For Clean Water Act and SW846 Wet Chemistry methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve. For most gravimetric methods the Reporting Limit is defined as a value 3 to 5 times the MDL.

HCV Report Of Analysis

Client: Cashin Associates
HCV Project #: 1042016
Project: 9051.003

Sample ID: SW-1
Lab#: AC58547-001
Matrix: Aqueous
Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	8.9

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	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	1.3	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.3	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.3	ND
2,4,5-Trichlorophenol	1	ug/l	1.3	ND
2,4,6-Trichlorophenol	1	ug/l	1.3	ND
2,4-Dichlorophenol	1	ug/l	1.3	ND
2,4-Dimethylphenol	1	ug/l	1.3	ND
2,4-Dinitrophenol	1	ug/l	6.4	ND
2,4-Dinitrotoluene	1	ug/l	1.3	ND
2,6-Dinitrotoluene	1	ug/l	1.3	ND
2-Chloronaphthalene	1	ug/l	1.3	ND
2-Chlorophenol	1	ug/l	1.3	ND
2-Methylnaphthalene	1	ug/l	1.3	ND
2-Methylphenol	1	ug/l	0.32	ND
2-Nitroaniline	1	ug/l	1.3	ND
2-Nitrophenol	1	ug/l	1.3	ND
3&4-Methylphenol	1	ug/l	0.32	ND
3,3'-Dichlorobenzidine	1	ug/l	1.3	ND
3-Nitroaniline	1	ug/l	1.3	ND
4,6-Dinitro-2-methylphenol	1	ug/l	6.4	ND
4-Bromophenyl-phenylether	1	ug/l	1.3	ND
4-Chloro-3-methylphenol	1	ug/l	1.3	ND
4-Chloroaniline	1	ug/l	0.32	ND
4-Chlorophenyl-phenylether	1	ug/l	1.3	ND
4-Nitroaniline	1	ug/l	1.3	ND
4-Nitrophenol	1	ug/l	1.3	ND
Acenaphthene	1	ug/l	1.3	ND
Acenaphthylene	1	ug/l	1.3	ND
Acetophenone	1	ug/l	1.3	ND
Anthracene	1	ug/l	1.3	ND
Atrazine	1	ug/l	1.3	ND
Benzaldehyde	1	ug/l	1.3	ND
Benzo[a]anthracene	1	ug/l	1.3	ND
Benzo[a]pyrene	1	ug/l	1.3	ND
Benzo[b]fluoranthene	1	ug/l	1.3	ND
Benzo[g,h,i]perylene	1	ug/l	1.3	ND
Benzo[k]fluoranthene	1	ug/l	1.3	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.3	ND
bis(2-Chloroethyl)ether	1	ug/l	0.32	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.3	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.3	ND
Butylbenzylphthalate	1	ug/l	1.3	ND
Caprolactam	1	ug/l	1.3	ND
Carbazole	1	ug/l	1.3	ND
Chrysene	1	ug/l	1.3	ND

Sample ID: SW-1 **Collection Date:** 4/19/2011
Lab#: AC58547-001 **Receipt Date:** 4/20/2011
Matrix: Aqueous

Dibenzo[a,h]anthracene	1	ug/l	1.3	ND
Dibenzofuran	1	ug/l	0.32	ND
Diethylphthalate	1	ug/l	1.3	ND
Dimethylphthalate	1	ug/l	1.3	ND
Di-n-butylphthalate	1	ug/l	1.3	ND
Di-n-octylphthalate	1	ug/l	1.3	ND
Fluoranthene	1	ug/l	1.3	ND
Fluorene	1	ug/l	1.3	ND
Hexachlorobenzene	1	ug/l	1.3	ND
Hexachlorobutadiene	1	ug/l	1.3	ND
Hexachlorocyclopentadiene	1	ug/l	1.3	ND
Hexachloroethane	1	ug/l	1.3	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.3	ND
Isophorone	1	ug/l	1.3	ND
Naphthalene	1	ug/l	0.32	ND
Nitrobenzene	1	ug/l	1.3	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.32	ND
N-Nitrosodiphenylamine	1	ug/l	1.3	ND
Pentachlorophenol	1	ug/l	6.4	ND
Phenanthrene	1	ug/l	1.3	ND
Phenol	1	ug/l	1.3	ND
Pyrene	1	ug/l	1.3	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
unknown	**1**	**ug/l**	**3.83**	**2.8JB**
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.51**	**7.3JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**9.2JB**
Benzene, 1,2,3-trimethyl-	**1**	**ug/l**	**5.29**	**2.6J**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**22J**

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**100**	**180**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**29**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**31000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**310**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**8900**
Manganese	**1**	**ug/l**	**25**	**260**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3000**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**11000**
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
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

Sample ID: SW-1 **Collection Date:** 4/19/2011
Lab#: AC58547-001 **Receipt Date:** 4/20/2011
Matrix: Aqueous

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: SW-2
Lab#: AC58547-002
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	21

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	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	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.52	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.52	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.52	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.52	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND

Sample ID: SW-2 **Collection Date:** 4/19/2011
Lab#: AC58547-002 **Receipt Date:** 4/20/2011
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.52	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.52	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.51**	**14JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**16JB**
Benzene, 1,3,5-trimethyl-	**1**	**ug/l**	**5.29**	**5.9JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**36J**

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**100**	**190**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**26**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**29000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**410**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**8200**
Manganese	**1**	**ug/l**	**25**	**210**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**3000**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**18000**
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
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

Sample ID: SW-2 **Collection Date:** 4/19/2011
Lab#: AC58547-002 **Receipt Date:** 4/20/2011
Matrix: Aqueous

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: SW-3 **Collection Date:** 4/19/2011
Lab#: AC58547-003 **Receipt Date:** 4/20/2011
Matrix: Aqueous

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	5	mg/l	5.0	59

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	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	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	0.54	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	0.54	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	0.54	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	0.54	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	0.54	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND

Sample ID: SW-3 **Collection Date:** 4/19/2011
Lab#: AC58547-003 **Receipt Date:** 4/20/2011
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	0.54	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.54	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.52**	**4.3JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**7.1JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**11J**

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**100**	**160**
Antimony	1	ug/l	7.5	ND
Arsenic	1	ug/l	20	ND
Barium	**1**	**ug/l**	**25**	**48**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	2.0	ND
Calcium	**1**	**ug/l**	**1000**	**91000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**170**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**11000**
Manganese	**1**	**ug/l**	**25**	**210**
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**	**44000**
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
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

Sample ID: SW-3 **Collection Date:** 4/19/2011
Lab#: AC58547-003 **Receipt Date:** 4/20/2011
Matrix: Aqueous

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: SW-4 **Collection Date:** 4/19/2011
Lab#: AC58547-004 **Receipt Date:** 4/20/2011
Matrix: Aqueous

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	24

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	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	0.50	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
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	2.0	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND

Sample ID: SW-4 **Collection Date:** 4/19/2011
Lab#: AC58547-004 **Receipt Date:** 4/20/2011
Matrix: Aqueous

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
Ethanol, 2-butoxy-	**1**	**ug/l**	**4.51**	**9.7JB**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**14JB**
Benzene, 1,3,5-trimethyl-	**1**	**ug/l**	**5.29**	**5.1JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**29J**

TAL Metals 200.7/8

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**100**	**230**
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**	**26000**
Chromium	1	ug/l	25	ND
Cobalt	1	ug/l	10	ND
Copper	1	ug/l	25	ND
Iron	**1**	**ug/l**	**150**	**170**
Lead	1	ug/l	5.0	ND
Magnesium	**1**	**ug/l**	**1000**	**7300**
Manganese	**1**	**ug/l**	**25**	**50**
Nickel	1	ug/l	10	ND
Potassium	**1**	**ug/l**	**2500**	**2700**
Selenium	1	ug/l	25	ND
Silver	1	ug/l	10	ND
Sodium	**1**	**ug/l**	**2500**	**20000**
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
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

Sample ID: SW-4 **Collection Date:** 4/19/2011
Lab#: AC58547-004 **Receipt Date:** 4/20/2011
Matrix: Aqueous

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: SD-1 **Collection Date:** 4/19/2011
Lab#: AC58547-005 **Receipt Date:** 4/20/2011
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		51

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	200	280

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	0.98	ND

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.16	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.13	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.13	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.13	ND
2,4,5-Trichlorophenol	1	mg/kg	0.13	ND
2,4,6-Trichlorophenol	1	mg/kg	0.13	ND
2,4-Dichlorophenol	1	mg/kg	0.033	ND
2,4-Dimethylphenol	1	mg/kg	0.13	ND
2,4-Dinitrophenol	1	mg/kg	0.65	ND
2,4-Dinitrotoluene	1	mg/kg	0.13	ND
2,6-Dinitrotoluene	1	mg/kg	0.13	ND
2-Chloronaphthalene	1	mg/kg	0.13	ND
2-Chlorophenol	1	mg/kg	0.13	ND
2-Methylnaphthalene	1	mg/kg	0.13	ND
2-Methylphenol	1	mg/kg	0.033	ND
2-Nitroaniline	1	mg/kg	0.13	ND
2-Nitrophenol	1	mg/kg	0.13	ND
3&4-Methylphenol	1	mg/kg	0.033	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.13	ND
3-Nitroaniline	1	mg/kg	0.13	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.65	ND
4-Bromophenyl-phenylether	1	mg/kg	0.13	ND
4-Chloro-3-methylphenol	1	mg/kg	0.13	ND
4-Chloroaniline	1	mg/kg	0.062	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.13	ND
4-Nitroaniline	1	mg/kg	0.13	ND
4-Nitrophenol	1	mg/kg	0.13	ND
Acenaphthene	1	mg/kg	0.13	ND
Acenaphthylene	1	mg/kg	0.13	ND
Acetophenone	1	mg/kg	0.13	ND
Anthracene	1	mg/kg	0.13	ND
Atrazine	1	mg/kg	0.13	ND
Benzaldehyde	1	mg/kg	0.13	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.13**	**0.19**
Benzo[a]pyrene	**1**	**mg/kg**	**0.13**	**0.21**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.13**	**0.31**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.13**	**0.19**
Benzo[k]fluoranthene	1	mg/kg	0.13	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.13	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.033	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.13	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.13	ND
Butylbenzylphthalate	1	mg/kg	0.13	ND
Caprolactam	1	mg/kg	0.13	ND
Carbazole	1	mg/kg	0.13	ND
Chrysene	**1**	**mg/kg**	**0.13**	**0.22**
Dibenzo[a,h]anthracene	1	mg/kg	0.13	ND
Dibenzofuran	1	mg/kg	0.033	ND
Diethylphthalate	1	mg/kg	0.13	ND
Dimethylphthalate	1	mg/kg	0.13	ND

Sample ID: SD-1 **Collection Date:** 4/19/2011
Lab#: AC58547-005 **Receipt Date:** 4/20/2011
Matrix: Soil

Di-n-butylphthalate	1	mg/kg	0.13	ND
Di-n-octylphthalate	1	mg/kg	0.13	ND
Fluoranthene	**1**	**mg/kg**	**0.13**	**0.30**
Fluorene	1	mg/kg	0.13	ND
Hexachlorobenzene	1	mg/kg	0.13	ND
Hexachlorobutadiene	1	mg/kg	0.13	ND
Hexachlorocyclopentadiene	1	mg/kg	0.65	ND
Hexachloroethane	1	mg/kg	0.13	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.13**	**0.15**
Isophorone	1	mg/kg	0.13	ND
Naphthalene	1	mg/kg	0.033	ND
Nitrobenzene	1	mg/kg	0.13	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.033	ND
N-Nitrosodiphenylamine	1	mg/kg	0.13	ND
Pentachlorophenol	1	mg/kg	1.3	ND
Phenanthrene	**1**	**mg/kg**	**0.13**	**0.14**
Phenol	1	mg/kg	0.13	ND
Pyrene	**1**	**mg/kg**	**0.13**	**0.39**

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
Heptacosane	**1**	**mg/kg**	**11.84**	**0.28J**
unknown	**1**	**mg/kg**	**12.18**	**0.52J**
1,3-Benzenediol, 5-pentadecyl-	**1**	**mg/kg**	**12.22**	**0.36J**
1-Dotriacontanol	**1**	**mg/kg**	**12.65**	**1.1J**
1-Hexadecene	**1**	**mg/kg**	**13.42**	**1.8J**
unknown	**1**	**mg/kg**	**13.65**	**0.59J**
Farnesol	**1**	**mg/kg**	**13.85**	**0.53J**
Octadecanal	**1**	**mg/kg**	**13.93**	**0.41J**
Hexatriacontane	**1**	**mg/kg**	**14.14**	**0.77J**
Phosphonic acid, dioctadecyl ester	**1**	**mg/kg**	**14.16**	**0.51J**
Perylene	**1**	**mg/kg**	**14.3**	**0.31J**
Hexadecanal	**1**	**mg/kg**	**14.69**	**0.60J**
Tetracosane, 3-ethyl-	**1**	**mg/kg**	**14.91**	**0.44J**
unknown	**1**	**mg/kg**	**15.02**	**0.38J**
Vitamin E	**1**	**mg/kg**	**15.14**	**0.99J**
unknown	**1**	**mg/kg**	**15.25**	**0.37J**
unknown	**1**	**mg/kg**	**15.81**	**0.37J**
Cyclohexane, 1,1-dimethyl-2,4-bis(1-met	**1**	**mg/kg**	**15.93**	**0.73J**
Stigmast-5-en-3-ol, (3.beta.,24S)-	**1**	**mg/kg**	**16.27**	**2.8J**
unknown	**1**	**mg/kg**	**4.05**	**2.5JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.36**	**130JAB**
Ethanol, 2-butoxy-	**1**	**mg/kg**	**4.93**	**0.33J**
unknown	**1**	**mg/kg**	**5.04**	**0.65JB**
2-Propanol, 1-butoxy-	**1**	**mg/kg**	**5.23**	**0.53JB**
Benzene, 1,2,4-trimethyl-	**1**	**mg/kg**	**5.67**	**0.29J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**150J**

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**390**	**11000**
Antimony	1	mg/kg	3.9	ND
Arsenic	1	mg/kg	3.9	ND
Barium	**1**	**mg/kg**	**20**	**190**
Beryllium	1	mg/kg	1.2	ND
Cadmium	1	mg/kg	1.2	ND
Calcium	**1**	**mg/kg**	**2000**	**6000**
Chromium	**1**	**mg/kg**	**9.8**	**29**
Cobalt	**1**	**mg/kg**	**4.9**	**11**
Copper	**1**	**mg/kg**	**9.8**	**27**
Iron	**1**	**mg/kg**	**390**	**28000**
Lead	**1**	**mg/kg**	**9.8**	**26**
Magnesium	**1**	**mg/kg**	**980**	**5100**
Manganese	**1**	**mg/kg**	**20**	**4200**
Nickel	**1**	**mg/kg**	**9.8**	**20**
Potassium	**1**	**mg/kg**	**980**	**2800**
Selenium	1	mg/kg	3.5	ND
Silver	1	mg/kg	2.9	ND
Sodium	1	mg/kg	490	ND

Sample ID: SD-1 **Collection Date:** 4/19/2011
Lab#: AC58547-005 **Receipt Date:** 4/20/2011
Matrix: Soil

Thallium	1	mg/kg	2.4	ND
Vanadium	**1**	**mg/kg**	**20**	**37**
Zinc	**1**	**mg/kg**	**20**	**94**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.947	mg/kg	0.0037	ND
1,1,2,2-Tetrachloroethane	0.947	mg/kg	0.0093	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.947	mg/kg	0.0037	ND
1,1,2-Trichloroethane	0.947	mg/kg	0.0037	ND
1,1-Dichloroethane	0.947	mg/kg	0.0037	ND
1,1-Dichloroethene	0.947	mg/kg	0.0037	ND
1,2,3-Trichlorobenzene	0.947	mg/kg	0.0037	ND
1,2,4-Trichlorobenzene	0.947	mg/kg	0.0037	ND
1,2-Dibromo-3-chloropropane	0.947	mg/kg	0.0037	ND
1,2-Dibromoethane	0.947	mg/kg	0.0010	ND
1,2-Dichlorobenzene	0.947	mg/kg	0.0037	ND
1,2-Dichloroethane	0.947	mg/kg	0.0037	ND
1,2-Dichloropropane	0.947	mg/kg	0.0037	ND
1,3-Dichlorobenzene	0.947	mg/kg	0.0037	ND
1,4-Dichlorobenzene	0.947	mg/kg	0.0037	ND
1,4-Dioxane	0.947	mg/kg	0.19	ND
2-Butanone	0.947	mg/kg	0.0037	ND
2-Hexanone	0.947	mg/kg	0.0037	ND
4-Methyl-2-pentanone	0.947	mg/kg	0.0037	ND
Acetone	**0.947**	**mg/kg**	**0.019**	**0.028**
Benzene	0.947	mg/kg	0.0019	ND
Bromochloromethane	0.947	mg/kg	0.0037	ND
Bromodichloromethane	0.947	mg/kg	0.0037	ND
Bromoform	0.947	mg/kg	0.0037	ND
Bromomethane	0.947	mg/kg	0.0037	ND
Carbon disulfide	0.947	mg/kg	0.0037	ND
Carbon tetrachloride	0.947	mg/kg	0.0037	ND
Chlorobenzene	0.947	mg/kg	0.0037	ND
Chloroethane	0.947	mg/kg	0.0037	ND
Chloroform	0.947	mg/kg	0.0037	ND
Chloromethane	0.947	mg/kg	0.0037	ND
cis-1,2-Dichloroethene	0.947	mg/kg	0.0037	ND
cis-1,3-Dichloropropene	0.947	mg/kg	0.0093	ND
Cyclohexane	0.947	mg/kg	0.0037	ND
Dibromochloromethane	0.947	mg/kg	0.0093	ND
Dichlorodifluoromethane	0.947	mg/kg	0.0037	ND
Ethylbenzene	0.947	mg/kg	0.0019	ND
Isopropylbenzene	0.947	mg/kg	0.0019	ND
m&p-Xylenes	0.947	mg/kg	0.0019	ND
Methyl Acetate	0.947	mg/kg	0.0037	ND
Methylcyclohexane	0.947	mg/kg	0.0037	ND
Methylene chloride	0.947	mg/kg	0.0037	ND
Methyl-t-butyl ether	0.947	mg/kg	0.0019	ND
o-Xylene	0.947	mg/kg	0.0019	ND
Styrene	0.947	mg/kg	0.0037	ND
Tetrachloroethene	0.947	mg/kg	0.0037	ND
Toluene	0.947	mg/kg	0.0019	ND
trans-1,2-Dichloroethene	0.947	mg/kg	0.0037	ND
trans-1,3-Dichloropropene	0.947	mg/kg	0.0093	ND
Trichloroethene	0.947	mg/kg	0.0037	ND
Trichlorofluoromethane	0.947	mg/kg	0.0037	ND
Vinyl chloride	0.947	mg/kg	0.0037	ND
Xylenes (Total)	0.947	mg/kg	0.0019	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	0.947	mg/kg	NA	ND
TotalVolatileTic	0.947	mg/kg	NA	ND

Sample ID: SD-2
Lab#: AC58547-006
Matrix: Soil

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		12

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	830	1200

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	4.17	ND

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.69	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.56	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.56	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.56	ND
2,4,5-Trichlorophenol	1	mg/kg	0.56	ND
2,4,6-Trichlorophenol	1	mg/kg	0.56	ND
2,4-Dichlorophenol	1	mg/kg	0.14	ND
2,4-Dimethylphenol	1	mg/kg	0.56	ND
2,4-Dinitrophenol	1	mg/kg	2.8	ND
2,4-Dinitrotoluene	1	mg/kg	0.56	ND
2,6-Dinitrotoluene	1	mg/kg	0.56	ND
2-Chloronaphthalene	1	mg/kg	0.56	ND
2-Chlorophenol	1	mg/kg	0.56	ND
2-Methylnaphthalene	1	mg/kg	0.56	ND
2-Methylphenol	1	mg/kg	0.14	ND
2-Nitroaniline	1	mg/kg	0.56	ND
2-Nitrophenol	1	mg/kg	0.56	ND
3&4-Methylphenol	1	mg/kg	0.14	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.56	ND
3-Nitroaniline	1	mg/kg	0.56	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	2.8	ND
4-Bromophenyl-phenylether	1	mg/kg	0.56	ND
4-Chloro-3-methylphenol	1	mg/kg	0.56	ND
4-Chloroaniline	1	mg/kg	0.26	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.56	ND
4-Nitroaniline	1	mg/kg	0.56	ND
4-Nitrophenol	1	mg/kg	0.56	ND
Acenaphthene	1	mg/kg	0.56	ND
Acenaphthylene	1	mg/kg	0.56	ND
Acetophenone	1	mg/kg	0.56	ND
Anthracene	1	mg/kg	0.56	ND
Atrazine	1	mg/kg	0.56	ND
Benzaldehyde	1	mg/kg	0.56	ND
Benzo[a]anthracene	1	mg/kg	0.56	ND
Benzo[a]pyrene	**1**	**mg/kg**	**0.56**	**0.56**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.56**	**0.85**
Benzo[g,h,i]perylene	1	mg/kg	0.56	ND
Benzo[k]fluoranthene	1	mg/kg	0.56	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.56	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.14	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.56	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.56	ND
Butylbenzylphthalate	1	mg/kg	0.56	ND
Caprolactam	1	mg/kg	0.56	ND
Carbazole	1	mg/kg	0.56	ND
Chrysene	1	mg/kg	0.56	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.56	ND
Dibenzofuran	1	mg/kg	0.14	ND
Diethylphthalate	1	mg/kg	0.56	ND
Dimethylphthalate	1	mg/kg	0.56	ND

Sample ID: SD-2 **Collection Date:** 4/19/2011
Lab#: AC58547-006 **Receipt Date:** 4/20/2011
Matrix: Soil

Di-n-butylphthalate	1	mg/kg	0.56	ND
Di-n-octylphthalate	1	mg/kg	0.56	ND
Fluoranthene	**1**	**mg/kg**	**0.56**	**0.72**
Fluorene	1	mg/kg	0.56	ND
Hexachlorobenzene	1	mg/kg	0.56	ND
Hexachlorobutadiene	1	mg/kg	0.56	ND
Hexachlorocyclopentadiene	1	mg/kg	2.8	ND
Hexachloroethane	1	mg/kg	0.56	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.56	ND
Isophorone	1	mg/kg	0.56	ND
Naphthalene	1	mg/kg	0.14	ND
Nitrobenzene	1	mg/kg	0.56	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.14	ND
N-Nitrosodiphenylamine	1	mg/kg	0.56	ND
Pentachlorophenol	1	mg/kg	5.6	ND
Phenanthrene	1	mg/kg	0.56	ND
Phenol	1	mg/kg	0.56	ND
Pyrene	**1**	**mg/kg**	**0.56**	**0.98**

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
(24R)-4-STIGMASTEN-3-ONE	**1**	**mg/kg**	**12.18**	**2.4J**
1-Hexadecene	**1**	**mg/kg**	**12.66**	**4.0J**
Hexadecane	**1**	**mg/kg**	**13.42**	**12J**
6-Octen-1-ol, 3,7-dimethyl-, formate	**1**	**mg/kg**	**13.65**	**3.7J**
Octadecane	**1**	**mg/kg**	**13.78**	**2.6J**
10-DEMETHYLSQUALENE	**1**	**mg/kg**	**13.86**	**4.6J**
Octadecanal	**1**	**mg/kg**	**13.94**	**3.8J**
Hexatriacontane	**1**	**mg/kg**	**14.14**	**15J**
unknown	**1**	**mg/kg**	**14.16**	**4.9J**
2,2-DIDEUTERO OCTADECANAL	**1**	**mg/kg**	**14.69**	**2.9J**
.gamma.-Tocopherol	**1**	**mg/kg**	**14.79**	**2.4J**
Hexatriacontane	**1**	**mg/kg**	**14.91**	**6.5J**
9-Eicosene, (E)-	**1**	**mg/kg**	**14.96**	**3.7J**
unknown	**1**	**mg/kg**	**15.02**	**3.1J**
Vitamin E	**1**	**mg/kg**	**15.14**	**6.2J**
Cholest-5-en-3-ol (3.beta.)-	**1**	**mg/kg**	**15.25**	**5.6J**
unknown	**1**	**mg/kg**	**15.46**	**4.5J**
4,4\-DINITRODIPHENYLSULPHIDE	**1**	**mg/kg**	**15.76**	**2.8J**
Tricyclo[4.3.0.0(7,9)]nonane, 2,2,5,5,8	**1**	**mg/kg**	**15.94**	**4.7J**
unknown	**1**	**mg/kg**	**16.02**	**2.6J**
Stigmast-5-en-3-ol, (3.beta.,24S)-	**1**	**mg/kg**	**16.27**	**27J**
unknown	**1**	**mg/kg**	**4.01**	**11JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.33**	**570JAB**
unknown	**1**	**mg/kg**	**5.03**	**3.1JB**
2-Propanol, 1-butoxy-	**1**	**mg/kg**	**5.23**	**2.5JY**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**710J**

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**1700**	**12000**
Antimony	1	mg/kg	17	ND
Arsenic	1	mg/kg	17	ND
Barium	**1**	**mg/kg**	**83**	**860**
Beryllium	1	mg/kg	5.0	ND
Cadmium	1	mg/kg	5.0	ND
Calcium	**1**	**mg/kg**	**8300**	**14000**
Chromium	**1**	**mg/kg**	**42**	**44**
Cobalt	1	mg/kg	21	ND
Copper	**1**	**mg/kg**	**42**	**48**
Iron	**1**	**mg/kg**	**1700**	**58000**
Lead	**1**	**mg/kg**	**42**	**68**
Magnesium	**1**	**mg/kg**	**4200**	**6000**
Manganese	**1**	**mg/kg**	**83**	**29000**
Nickel	1	mg/kg	42	ND
Potassium	1	mg/kg	4200	ND
Selenium	**1**	**mg/kg**	**15**	**16**
Silver	1	mg/kg	12	ND
Sodium	1	mg/kg	2100	ND

Sample ID: SD-2 **Collection Date:** 4/19/2011
Lab#: AC58547-006 **Receipt Date:** 4/20/2011
Matrix: Soil

Thallium	1	mg/kg	10	ND
Vanadium	1	mg/kg	83	ND
Zinc	**1**	**mg/kg**	**83**	**270**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.965	mg/kg	0.016	ND
1,1,2,2-Tetrachloroethane	0.965	mg/kg	0.040	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.965	mg/kg	0.016	ND
1,1,2-Trichloroethane	0.965	mg/kg	0.016	ND
1,1-Dichloroethane	0.965	mg/kg	0.016	ND
1,1-Dichloroethene	0.965	mg/kg	0.016	ND
1,2,3-Trichlorobenzene	0.965	mg/kg	0.016	ND
1,2,4-Trichlorobenzene	0.965	mg/kg	0.016	ND
1,2-Dibromo-3-chloropropane	0.965	mg/kg	0.016	ND
1,2-Dibromoethane	0.965	mg/kg	0.0044	ND
1,2-Dichlorobenzene	0.965	mg/kg	0.016	ND
1,2-Dichloroethane	0.965	mg/kg	0.016	ND
1,2-Dichloropropane	0.965	mg/kg	0.016	ND
1,3-Dichlorobenzene	0.965	mg/kg	0.016	ND
1,4-Dichlorobenzene	0.965	mg/kg	0.016	ND
1,4-Dioxane	0.965	mg/kg	0.80	ND
2-Butanone	0.965	mg/kg	0.016	ND
2-Hexanone	0.965	mg/kg	0.016	ND
4-Methyl-2-pentanone	0.965	mg/kg	0.016	ND
Acetone	0.965	mg/kg	0.080	ND
Benzene	0.965	mg/kg	0.0080	ND
Bromochloromethane	0.965	mg/kg	0.016	ND
Bromodichloromethane	0.965	mg/kg	0.016	ND
Bromoform	0.965	mg/kg	0.016	ND
Bromomethane	0.965	mg/kg	0.016	ND
Carbon disulfide	0.965	mg/kg	0.016	ND
Carbon tetrachloride	0.965	mg/kg	0.016	ND
Chlorobenzene	0.965	mg/kg	0.016	ND
Chloroethane	0.965	mg/kg	0.016	ND
Chloroform	0.965	mg/kg	0.016	ND
Chloromethane	0.965	mg/kg	0.016	ND
cis-1,2-Dichloroethene	0.965	mg/kg	0.016	ND
cis-1,3-Dichloropropene	0.965	mg/kg	0.040	ND
Cyclohexane	0.965	mg/kg	0.016	ND
Dibromochloromethane	0.965	mg/kg	0.040	ND
Dichlorodifluoromethane	0.965	mg/kg	0.016	ND
Ethylbenzene	0.965	mg/kg	0.0080	ND
Isopropylbenzene	0.965	mg/kg	0.0080	ND
m&p-Xylenes	0.965	mg/kg	0.0080	ND
Methyl Acetate	0.965	mg/kg	0.016	ND
Methylcyclohexane	0.965	mg/kg	0.016	ND
Methylene chloride	0.965	mg/kg	0.016	ND
Methyl-t-butyl ether	0.965	mg/kg	0.0080	ND
o-Xylene	0.965	mg/kg	0.0080	ND
Styrene	0.965	mg/kg	0.016	ND
Tetrachloroethene	0.965	mg/kg	0.016	ND
Toluene	0.965	mg/kg	0.0080	ND
trans-1,2-Dichloroethene	0.965	mg/kg	0.016	ND
trans-1,3-Dichloropropene	0.965	mg/kg	0.040	ND
Trichloroethene	0.965	mg/kg	0.016	ND
Trichlorofluoromethane	0.965	mg/kg	0.016	ND
Vinyl chloride	0.965	mg/kg	0.016	ND
Xylenes (Total)	0.965	mg/kg	0.0080	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	0.965	mg/kg	NA	ND
TotalVolatileTic	0.965	mg/kg	NA	ND

Sample ID: SD-3
Lab#: AC58547-007
Matrix: Soil

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		73

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	140	230

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	0.68	ND

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.11	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.091	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.091	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.091	ND
2,4,5-Trichlorophenol	1	mg/kg	0.091	ND
2,4,6-Trichlorophenol	1	mg/kg	0.091	ND
2,4-Dichlorophenol	1	mg/kg	0.023	ND
2,4-Dimethylphenol	1	mg/kg	0.091	ND
2,4-Dinitrophenol	1	mg/kg	0.46	ND
2,4-Dinitrotoluene	1	mg/kg	0.091	ND
2,6-Dinitrotoluene	1	mg/kg	0.091	ND
2-Chloronaphthalene	1	mg/kg	0.091	ND
2-Chlorophenol	1	mg/kg	0.091	ND
2-Methylnaphthalene	1	mg/kg	0.091	ND
2-Methylphenol	1	mg/kg	0.023	ND
2-Nitroaniline	1	mg/kg	0.091	ND
2-Nitrophenol	1	mg/kg	0.091	ND
3&4-Methylphenol	1	mg/kg	0.023	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.091	ND
3-Nitroaniline	1	mg/kg	0.091	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.091	ND
4-Bromophenyl-phenylether	1	mg/kg	0.091	ND
4-Chloro-3-methylphenol	1	mg/kg	0.091	ND
4-Chloroaniline	1	mg/kg	0.043	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.091	ND
4-Nitroaniline	1	mg/kg	0.091	ND
4-Nitrophenol	1	mg/kg	0.091	ND
Acenaphthene	1	mg/kg	0.091	ND
Acenaphthylene	1	mg/kg	0.091	ND
Acetophenone	1	mg/kg	0.091	ND
Anthracene	1	mg/kg	0.091	ND
Atrazine	1	mg/kg	0.091	ND
Benzaldehyde	1	mg/kg	0.091	ND
Benzo[a]anthracene	1	mg/kg	0.091	ND
Benzo[a]pyrene	1	mg/kg	0.091	ND
Benzo[b]fluoranthene	1	mg/kg	0.091	ND
Benzo[g,h,i]perylene	1	mg/kg	0.091	ND
Benzo[k]fluoranthene	1	mg/kg	0.091	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.091	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.023	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.091	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.091	ND
Butylbenzylphthalate	1	mg/kg	0.091	ND
Caprolactam	1	mg/kg	0.091	ND
Carbazole	1	mg/kg	0.091	ND
Chrysene	1	mg/kg	0.091	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.091	ND
Dibenzofuran	1	mg/kg	0.023	ND
Diethylphthalate	1	mg/kg	0.091	ND
Dimethylphthalate	1	mg/kg	0.091	ND

Sample ID: SD-3 **Collection Date:** 4/19/2011
Lab#: AC58547-007 **Receipt Date:** 4/20/2011
Matrix: Soil

Di-n-butylphthalate	1	mg/kg	0.091	ND
Di-n-octylphthalate	1	mg/kg	0.091	ND
Fluoranthene	1	mg/kg	0.091	ND
Fluorene	1	mg/kg	0.091	ND
Hexachlorobenzene	1	mg/kg	0.091	ND
Hexachlorobutadiene	1	mg/kg	0.091	ND
Hexachlorocyclopentadiene	1	mg/kg	0.091	ND
Hexachloroethane	1	mg/kg	0.091	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.091	ND
Isophorone	1	mg/kg	0.091	ND
Naphthalene	1	mg/kg	0.023	ND
Nitrobenzene	1	mg/kg	0.091	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.023	ND
N-Nitrosodiphenylamine	1	mg/kg	0.091	ND
Pentachlorophenol	1	mg/kg	0.46	ND
Phenanthrene	1	mg/kg	0.091	ND
Phenol	1	mg/kg	0.091	ND
Pyrene	1	mg/kg	0.091	ND

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
Hexadecanoic acid	**1**	**mg/kg**	**10.39**	**0.26J**
1-Dodecanol	**1**	**mg/kg**	**11.22**	**0.27J**
(24R)-4-STIGMASTEN-3-ONE	**1**	**mg/kg**	**12.1**	**0.64J**
Phosphonic acid, dioctadecyl ester	**1**	**mg/kg**	**12.73**	**0.24J**
unknown	**1**	**mg/kg**	**13.45**	**0.47J**
Tetratetracontane	**1**	**mg/kg**	**13.51**	**0.29J**
Dihydro-.beta.-bisabolene	**1**	**mg/kg**	**13.65**	**1.8J**
unknown	**1**	**mg/kg**	**13.77**	**0.34J**
unknown	**1**	**mg/kg**	**13.89**	**0.28J**
Tetradecanal	**1**	**mg/kg**	**14.02**	**0.19J**
Eicosane	**1**	**mg/kg**	**14.23**	**0.61J**
4H-Naphtho[2,3-b]pyran-4,6,9-trione, 5,	**1**	**mg/kg**	**14.65**	**0.41J**
Naphthalene, 1,2,3,4,4a,5,6,8a-octahydr	**1**	**mg/kg**	**15.79**	**0.45J**
Stigmast-5-en-3-ol, (3.beta.,24S)-	**1**	**mg/kg**	**16.4**	**1.1J**
unknown	**1**	**mg/kg**	**4.09**	**1.8JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.42**	**100JAB**
Ethanol, 2-butoxy-	**1**	**mg/kg**	**4.98**	**0.23J**
unknown	**1**	**mg/kg**	**5.09**	**0.47JB**
2-Propanol, 1-butoxy-	**1**	**mg/kg**	**5.29**	**0.36JB**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**110J**

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**270**	**5400**
Antimony	1	mg/kg	2.7	ND
Arsenic	**1**	**mg/kg**	**2.7**	**2.7**
Barium	**1**	**mg/kg**	**14**	**27**
Beryllium	1	mg/kg	0.82	ND
Cadmium	1	mg/kg	0.82	ND
Calcium	**1**	**mg/kg**	**1400**	**76000**
Chromium	**1**	**mg/kg**	**6.8**	**8.7**
Cobalt	**1**	**mg/kg**	**3.4**	**6.0**
Copper	**1**	**mg/kg**	**6.8**	**11**
Iron	**1**	**mg/kg**	**270**	**15000**
Lead	**1**	**mg/kg**	**6.8**	**9.7**
Magnesium	**1**	**mg/kg**	**680**	**39000**
Manganese	**1**	**mg/kg**	**14**	**390**
Nickel	**1**	**mg/kg**	**6.8**	**11**
Potassium	**1**	**mg/kg**	**680**	**1700**
Selenium	1	mg/kg	2.5	ND
Silver	1	mg/kg	2.1	ND
Sodium	1	mg/kg	340	ND
Thallium	1	mg/kg	1.6	ND
Vanadium	1	mg/kg	14	ND
Zinc	**1**	**mg/kg**	**14**	**32**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result

Sample ID: SD-3 **Collection Date:** 4/19/2011
Lab#: AC58547-007 **Receipt Date:** 4/20/2011
Matrix: Soil

1,1,1-Trichloroethane	0.982	mg/kg	0.0027	ND
1,1,2,2-Tetrachloroethane	0.982	mg/kg	0.0067	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.982	mg/kg	0.0027	ND
1,1,2-Trichloroethane	0.982	mg/kg	0.0027	ND
1,1-Dichloroethane	0.982	mg/kg	0.0027	ND
1,1-Dichloroethene	0.982	mg/kg	0.0027	ND
1,2,3-Trichlorobenzene	0.982	mg/kg	0.0027	ND
1,2,4-Trichlorobenzene	0.982	mg/kg	0.0027	ND
1,2-Dibromo-3-chloropropane	0.982	mg/kg	0.0027	ND
1,2-Dibromoethane	0.982	mg/kg	0.00074	ND
1,2-Dichlorobenzene	0.982	mg/kg	0.0027	ND
1,2-Dichloroethane	0.982	mg/kg	0.0027	ND
1,2-Dichloropropane	0.982	mg/kg	0.0027	ND
1,3-Dichlorobenzene	0.982	mg/kg	0.0027	ND
1,4-Dichlorobenzene	0.982	mg/kg	0.0027	ND
1,4-Dioxane	0.982	mg/kg	0.13	ND
2-Butanone	0.982	mg/kg	0.0027	ND
2-Hexanone	0.982	mg/kg	0.0027	ND
4-Methyl-2-pentanone	0.982	mg/kg	0.0027	ND
Acetone	**0.982**	**mg/kg**	**0.013**	**0.022**
Benzene	0.982	mg/kg	0.0013	ND
Bromochloromethane	0.982	mg/kg	0.0027	ND
Bromodichloromethane	0.982	mg/kg	0.0027	ND
Bromoform	0.982	mg/kg	0.0027	ND
Bromomethane	0.982	mg/kg	0.0027	ND
Carbon disulfide	0.982	mg/kg	0.0027	ND
Carbon tetrachloride	0.982	mg/kg	0.0027	ND
Chlorobenzene	0.982	mg/kg	0.0027	ND
Chloroethane	0.982	mg/kg	0.0027	ND
Chloroform	0.982	mg/kg	0.0027	ND
Chloromethane	0.982	mg/kg	0.0027	ND
cis-1,2-Dichloroethene	0.982	mg/kg	0.0027	ND
cis-1,3-Dichloropropene	0.982	mg/kg	0.0067	ND
Cyclohexane	0.982	mg/kg	0.0027	ND
Dibromochloromethane	0.982	mg/kg	0.0067	ND
Dichlorodifluoromethane	0.982	mg/kg	0.0027	ND
Ethylbenzene	0.982	mg/kg	0.0013	ND
Isopropylbenzene	0.982	mg/kg	0.0013	ND
m&p-Xylenes	0.982	mg/kg	0.0013	ND
Methyl Acetate	0.982	mg/kg	0.0027	ND
Methylcyclohexane	0.982	mg/kg	0.0027	ND
Methylene chloride	0.982	mg/kg	0.0027	ND
Methyl-t-butyl ether	0.982	mg/kg	0.0013	ND
o-Xylene	0.982	mg/kg	0.0013	ND
Styrene	0.982	mg/kg	0.0027	ND
Tetrachloroethene	0.982	mg/kg	0.0027	ND
Toluene	0.982	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	0.982	mg/kg	0.0027	ND
trans-1,3-Dichloropropene	0.982	mg/kg	0.0067	ND
Trichloroethene	0.982	mg/kg	0.0027	ND
Trichlorofluoromethane	0.982	mg/kg	0.0027	ND
Vinyl chloride	0.982	mg/kg	0.0027	ND
Xylenes (Total)	0.982	mg/kg	0.0013	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	0.982	mg/kg	NA	ND
TotalVolatileTic	0.982	mg/kg	NA	ND

Sample ID: SD-4 **Collection Date:** 4/19/2011
Lab#: AC58547-008 **Receipt Date:** 4/20/2011
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		54

Chloride (Soil) 9056

Analyte	DF	Units	RL	Result
Chloride	1	mg/kg	190	290

Cyanide (Soil/Waste) 9012B

Analyte	DF	Units	RL	Result
Cyanide	1	mg/kg	0.93	1.2

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.15	ND

Semivolatile Organics + 25 (8270)

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	mg/kg	0.12	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.12	ND
2,3,4,6-Tetrachlorophenol	1	mg/kg	0.12	ND
2,4,5-Trichlorophenol	1	mg/kg	0.12	ND
2,4,6-Trichlorophenol	1	mg/kg	0.12	ND
2,4-Dichlorophenol	1	mg/kg	0.031	ND
2,4-Dimethylphenol	1	mg/kg	0.12	ND
2,4-Dinitrophenol	1	mg/kg	0.62	ND
2,4-Dinitrotoluene	1	mg/kg	0.12	ND
2,6-Dinitrotoluene	1	mg/kg	0.12	ND
2-Chloronaphthalene	1	mg/kg	0.12	ND
2-Chlorophenol	1	mg/kg	0.12	ND
2-Methylnaphthalene	1	mg/kg	0.12	ND
2-Methylphenol	1	mg/kg	0.031	ND
2-Nitroaniline	1	mg/kg	0.12	ND
2-Nitrophenol	1	mg/kg	0.12	ND
3&4-Methylphenol	1	mg/kg	0.031	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.12	ND
3-Nitroaniline	1	mg/kg	0.12	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.12	ND
4-Bromophenyl-phenylether	1	mg/kg	0.12	ND
4-Chloro-3-methylphenol	1	mg/kg	0.12	ND
4-Chloroaniline	1	mg/kg	0.059	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.12	ND
4-Nitroaniline	1	mg/kg	0.12	ND
4-Nitrophenol	1	mg/kg	0.12	ND
Acenaphthene	1	mg/kg	0.12	ND
Acenaphthylene	1	mg/kg	0.12	ND
Acetophenone	1	mg/kg	0.12	ND
Anthracene	1	mg/kg	0.12	ND
Atrazine	1	mg/kg	0.12	ND
Benzaldehyde	1	mg/kg	0.12	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.12**	**0.16**
Benzo[a]pyrene	**1**	**mg/kg**	**0.12**	**0.22**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.12**	**0.33**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.12**	**0.18**
Benzo[k]fluoranthene	1	mg/kg	0.12	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.12	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.031	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.12	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.12	ND
Butylbenzylphthalate	1	mg/kg	0.12	ND
Caprolactam	1	mg/kg	0.12	ND
Carbazole	1	mg/kg	0.12	ND
Chrysene	**1**	**mg/kg**	**0.12**	**0.18**
Dibenzo[a,h]anthracene	1	mg/kg	0.12	ND
Dibenzofuran	1	mg/kg	0.031	ND
Diethylphthalate	1	mg/kg	0.12	ND
Dimethylphthalate	1	mg/kg	0.12	ND

Sample ID: SD-4 **Collection Date:** 4/19/2011
Lab#: AC58547-008 **Receipt Date:** 4/20/2011
Matrix: Soil

Di-n-butylphthalate	1	mg/kg	0.12	ND
Di-n-octylphthalate	1	mg/kg	0.12	ND
Fluoranthene	**1**	**mg/kg**	**0.12**	**0.28**
Fluorene	1	mg/kg	0.12	ND
Hexachlorobenzene	1	mg/kg	0.12	ND
Hexachlorobutadiene	1	mg/kg	0.12	ND
Hexachlorocyclopentadiene	1	mg/kg	0.12	ND
Hexachloroethane	1	mg/kg	0.12	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.12**	**0.16**
Isophorone	1	mg/kg	0.12	ND
Naphthalene	1	mg/kg	0.031	ND
Nitrobenzene	1	mg/kg	0.12	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.031	ND
N-Nitrosodiphenylamine	1	mg/kg	0.12	ND
Pentachlorophenol	1	mg/kg	0.62	ND
Phenanthrene	1	mg/kg	0.12	ND
Phenol	1	mg/kg	0.12	ND
Pyrene	**1**	**mg/kg**	**0.12**	**0.34**

Semivolatile Organics + 25 (8270) Library Searches

Analyte	DF	Units	RT	Result
9-Hexadecenoic acid	**1**	**mg/kg**	**10.32**	**2.5J**
9-Hexadecenoic acid	**1**	**mg/kg**	**10.36**	**1.1J**
Hexadecanoic acid	**1**	**mg/kg**	**10.41**	**3.2J**
15-Tetracosenoic acid, methyl ester, (Z	**1**	**mg/kg**	**11.25**	**1.9J**
Tritetracontane	**1**	**mg/kg**	**12.75**	**2.3J**
1-Nonadecene	**1**	**mg/kg**	**13.52**	**3.2J**
Lycopersen	**1**	**mg/kg**	**13.95**	**0.78J**
Triacontane	**1**	**mg/kg**	**14.24**	**6.3J**
Tetradecanal	**1**	**mg/kg**	**14.8**	**1.1J**
Octacosane	**1**	**mg/kg**	**15.03**	**1.3J**
Cyclohexadecane	**1**	**mg/kg**	**15.07**	**1.7J**
unknown	**1**	**mg/kg**	**15.14**	**0.87J**
Vitamin E	**1**	**mg/kg**	**15.26**	**1.1J**
Cholest-5-en-3-ol (3.beta.)-	**1**	**mg/kg**	**15.36**	**1.3J**
unknown	**1**	**mg/kg**	**15.57**	**1.2J**
1-Octadecanol	**1**	**mg/kg**	**15.76**	**1.1J**
Ergost-5-en-3-ol, (3.beta.)-	**1**	**mg/kg**	**15.91**	**1.3J**
Stigmasta-5,23-dien-3.beta.-ol	**1**	**mg/kg**	**16.05**	**1.5J**
3-Eicosene, (E)-	**1**	**mg/kg**	**16.09**	**0.94J**
Stigmast-5-en-3-ol, (3.beta.,24S)-	**1**	**mg/kg**	**16.42**	**12J**
Androstane-3,17-diol	**1**	**mg/kg**	**16.5**	**0.81J**
unknown	**1**	**mg/kg**	**4.08**	**2.4JB**
2-Pentanone, 4-hydroxy-4-methyl-	**1**	**mg/kg**	**4.42**	**140JAB**
unknown	**1**	**mg/kg**	**5.09**	**0.74JB**
unknown	**1**	**mg/kg**	**7.41**	**0.79J**
TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**190J**

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**mg/kg**	**370**	**8100**
Antimony	1	mg/kg	3.7	ND
Arsenic	1	mg/kg	3.7	ND
Barium	**1**	**mg/kg**	**19**	**150**
Beryllium	1	mg/kg	1.1	ND
Cadmium	1	mg/kg	1.1	ND
Calcium	**1**	**mg/kg**	**1900**	**17000**
Chromium	**1**	**mg/kg**	**9.3**	**25**
Cobalt	**1**	**mg/kg**	**4.6**	**8.5**
Copper	**1**	**mg/kg**	**9.3**	**17**
Iron	**1**	**mg/kg**	**370**	**19000**
Lead	**1**	**mg/kg**	**9.3**	**32**
Magnesium	**1**	**mg/kg**	**930**	**13000**
Manganese	**1**	**mg/kg**	**19**	**3400**
Nickel	**1**	**mg/kg**	**9.3**	**20**
Potassium	**1**	**mg/kg**	**930**	**1900**
Selenium	1	mg/kg	3.3	ND
Silver	1	mg/kg	2.8	ND
Sodium	1	mg/kg	460	ND

Sample ID: SD-4 **Collection Date:** 4/19/2011
Lab#: AC58547-008 **Receipt Date:** 4/20/2011
Matrix: Soil

Thallium	1	mg/kg	2.2	ND
Vanadium	**1**	**mg/kg**	**19**	**33**
Zinc	**1**	**mg/kg**	**19**	**93**

Volatile Organics + 10 (8260)

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.967	mg/kg	0.0036	ND
1,1,2,2-Tetrachloroethane	0.967	mg/kg	0.0090	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.967	mg/kg	0.0036	ND
1,1,2-Trichloroethane	0.967	mg/kg	0.0036	ND
1,1-Dichloroethane	0.967	mg/kg	0.0036	ND
1,1-Dichloroethene	0.967	mg/kg	0.0036	ND
1,2,3-Trichlorobenzene	0.967	mg/kg	0.0036	ND
1,2,4-Trichlorobenzene	0.967	mg/kg	0.0036	ND
1,2-Dibromo-3-chloropropane	0.967	mg/kg	0.0036	ND
1,2-Dibromoethane	0.967	mg/kg	0.00099	ND
1,2-Dichlorobenzene	0.967	mg/kg	0.0036	ND
1,2-Dichloroethane	0.967	mg/kg	0.0036	ND
1,2-Dichloropropane	0.967	mg/kg	0.0036	ND
1,3-Dichlorobenzene	0.967	mg/kg	0.0036	ND
1,4-Dichlorobenzene	0.967	mg/kg	0.0036	ND
1,4-Dioxane	0.967	mg/kg	0.18	ND
2-Butanone	0.967	mg/kg	0.0036	ND
2-Hexanone	0.967	mg/kg	0.0036	ND
4-Methyl-2-pentanone	0.967	mg/kg	0.0036	ND
Acetone	0.967	mg/kg	0.018	ND
Benzene	0.967	mg/kg	0.0018	ND
Bromochloromethane	0.967	mg/kg	0.0036	ND
Bromodichloromethane	0.967	mg/kg	0.0036	ND
Bromoform	0.967	mg/kg	0.0036	ND
Bromomethane	0.967	mg/kg	0.0036	ND
Carbon disulfide	0.967	mg/kg	0.0036	ND
Carbon tetrachloride	0.967	mg/kg	0.0036	ND
Chlorobenzene	0.967	mg/kg	0.0036	ND
Chloroethane	0.967	mg/kg	0.0036	ND
Chloroform	0.967	mg/kg	0.0036	ND
Chloromethane	0.967	mg/kg	0.0036	ND
cis-1,2-Dichloroethene	0.967	mg/kg	0.0036	ND
cis-1,3-Dichloropropene	0.967	mg/kg	0.0090	ND
Cyclohexane	0.967	mg/kg	0.0036	ND
Dibromochloromethane	0.967	mg/kg	0.0090	ND
Dichlorodifluoromethane	0.967	mg/kg	0.0036	ND
Ethylbenzene	0.967	mg/kg	0.0018	ND
Isopropylbenzene	0.967	mg/kg	0.0018	ND
m&p-Xylenes	0.967	mg/kg	0.0018	ND
Methyl Acetate	0.967	mg/kg	0.0036	ND
Methylcyclohexane	0.967	mg/kg	0.0036	ND
Methylene chloride	0.967	mg/kg	0.0036	ND
Methyl-t-butyl ether	0.967	mg/kg	0.0018	ND
o-Xylene	0.967	mg/kg	0.0018	ND
Styrene	0.967	mg/kg	0.0036	ND
Tetrachloroethene	0.967	mg/kg	0.0036	ND
Toluene	0.967	mg/kg	0.0018	ND
trans-1,2-Dichloroethene	0.967	mg/kg	0.0036	ND
trans-1,3-Dichloropropene	0.967	mg/kg	0.0090	ND
Trichloroethene	0.967	mg/kg	0.0036	ND
Trichlorofluoromethane	0.967	mg/kg	0.0036	ND
Vinyl chloride	0.967	mg/kg	0.0036	ND
Xylenes (Total)	0.967	mg/kg	0.0018	ND

Volatile Organics + 10 (8260) Library Searches

Analyte	DF	Units	RT	Result
No Unknown Compounds Detected	0.967	mg/kg	NA	ND
TotalVolatileTic	0.967	mg/kg	NA	ND

Sample ID: FB-1
Lab#: AC58547-009
Matrix: Aqueous

Collection Date: 4/20/2011
Receipt Date: 4/20/2011

Chloride (Water) 300.0

Analyte	DF	Units	RL	Result
Chloride	1	mg/l	1.0	1.1

Cyanide-Water (EPA 335.4)

Analyte	DF	Units	RL	Result
Cyanide	1	mg/l	.02	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	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.52	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	0.52	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.52	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	0.52	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND

Sample ID: FB-1 **Collection Date:** 4/20/2011
Lab#: AC58547-009 **Receipt Date:** 4/20/2011
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	0.52	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.52	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Semivolatile Organics + 25 (625) Library Searches

Analyte	DF	Units	RT	Result
1,3-Dioxolane, 2,2,4-trimethyl-	**1**	**ug/l**	**2.22**	**4.9J**
2-Propanol, 1-butoxy-	**1**	**ug/l**	**4.84**	**6.7JB**
TotalSemiVolatileTic	**1**	**ug/l**	**NA**	**12J**

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	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
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

Sample ID: FB-1 **Collection Date:** 4/20/2011
Lab#: AC58547-009 **Receipt Date:** 4/20/2011
Matrix: Aqueous

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: TRIP
Lab#: AC58547-010
Matrix: Aqueous

Collection Date: 4/19/2011
Receipt Date: 4/20/2011

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

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: 2M65624.D
Analysis Date: 04/22/11 09:46
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 #: 188806

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: 2M65624.D
Analysis Date: 04/22/11 09:46
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 #: 188806

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: 1M67211.D
Analysis Date: 04/21/11 10:20
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	0.0050	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	0.0050	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	0.0050	U
106-93-4	1,2-Dibromoethane	0.00055	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	0.0050	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 #: 188807

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:	1M67211.D	Final Vol:	NA
Analysis Date:	04/21/11 10:20	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 #: 188807

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: 6M67581.D
Analysis Date: 04/25/11 10:29
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 #: 188806

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: 6M67581.D
Analysis Date: 04/25/11 10:29
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 #: 188806

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: AC58547-001
Client Id: SW-1
Data File: 2M65683.D
Analysis Date: 04/23/11 01:34
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-001
Client Id: SW-1
Data File: 2M65683.D
Analysis Date: 04/23/11 01:34
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-002
Client Id: SW-2
Data File: 2M65684.D
Analysis Date: 04/23/11 01:50
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-002	Matrix: Aqueous
Client Id: SW-2	Initial Vol: 5ml
Data File: 2M65684.D	Final Vol: NA
Analysis Date: 04/23/11 01:50	Dilution: 1.00
Date Rec/Extracted: 04/20/11-NA	Solids:
	Method: EPA 624

Units: ug/L

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

Worksheet #: 188806

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: AC58547-003
Client Id: SW-3
Data File: 2M65685.D
Analysis Date: 04/23/11 02:06
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-003
Client Id: SW-3
Data File: 2M65685.D
Analysis Date: 04/23/11 02:06
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-004
Client Id: SW-4
Data File: 2M65686.D
Analysis Date: 04/23/11 02:22
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-004
Client Id: SW-4
Data File: 2M65686.D
Analysis Date: 04/23/11 02:22
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-005
Client Id: SD-1
Data File: 1M67243.D
Analysis Date: 04/21/11 19:00
Date Rec/Extracted: 04/20/11-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.28g
Final Vol: NA
Dilution: 0.947
Solids: 51

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0037	U	56-23-5	Carbon Tetrachloride	0.0037	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0093	U	108-90-7	Chlorobenzene	0.0037	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0037	U	75-00-3	Chloroethane	0.0037	U
79-00-5	1,1,2-Trichloroethane	0.0037	U	67-66-3	Chloroform	0.0037	U
75-34-3	1,1-Dichloroethane	0.0037	U	74-87-3	Chloromethane	0.0037	U
75-35-4	1,1-Dichloroethene	0.0037	U	156-59-2	cis-1,2-Dichloroethene	0.0037	U
87-61-6	1,2,3-Trichlorobenzene	0.0037	U	10061-01-5	cis-1,3-Dichloropropene	0.0093	U
120-82-1	1,2,4-Trichlorobenzene	0.0037	U	110-82-7	Cyclohexane	0.0037	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0037	U	124-48-1	Dibromochloromethane	0.0093	U
106-93-4	1,2-Dibromoethane	0.0010	U	75-71-8	Dichlorodifluoromethane	0.0037	U
95-50-1	1,2-Dichlorobenzene	0.0037	U	100-41-4	Ethylbenzene	0.0019	U
107-06-2	1,2-Dichloroethane	0.0037	U	98-82-8	Isopropylbenzene	0.0019	U
78-87-5	1,2-Dichloropropane	0.0037	U	136777612	m&p-Xylenes	0.0019	U
541-73-1	1,3-Dichlorobenzene	0.0037	U	79-20-9	Methyl Acetate	0.0037	U
106-46-7	1,4-Dichlorobenzene	0.0037	U	108-87-2	Methylcyclohexane	0.0037	U
123-91-1	1,4-Dioxane	0.19	U	75-09-2	Methylene Chloride	0.0037	U
78-93-3	2-Butanone	0.0037	U	1634-04-4	Methyl-t-butyl ether	0.0019	U
591-78-6	2-Hexanone	0.0037	U	95-47-6	o-Xylene	0.0019	U
108-10-1	4-Methyl-2-Pentanone	0.0037	U	100-42-5	Styrene	0.0037	U
67-64-1	**Acetone**	**0.019**	**0.028**	127-18-4	Tetrachloroethene	0.0037	U
71-43-2	Benzene	0.0019	U	108-88-3	Toluene	0.0019	U
74-97-5	Bromochloromethane	0.0037	U	156-60-5	trans-1,2-Dichloroethene	0.0037	U
75-27-4	Bromodichloromethane	0.0037	U	10061-02-6	trans-1,3-Dichloropropene	0.0093	U
75-25-2	Bromoform	0.0037	U	79-01-6	Trichloroethene	0.0037	U
74-83-9	Bromomethane	0.0037	U	75-69-4	Trichlorofluoromethane	0.0037	U
75-15-0	Carbon Disulfide	0.0037	U	75-01-4	Vinyl Chloride	0.0037	U
1330-20-7	Xylenes (Total)	0.0019	U				

Worksheet #: 188807

Total Target Concentration 0.028

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 usea

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC58547-005	Matrix: Soil
Client Id: SD-1	Initial Vol: 5.28g
Data File: 1M67243.D	Final Vol: NA
Analysis Date: 04/21/11 19:00	Dilution: 0.947
Date Rec/Extracted: 04/20/11-NA	Solids: 51
	Method: EPA 8260B

Units: mg/Kg

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

Worksheet #: 188807

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: AC58547-006
Client Id: SD-2
Data File: 1M67246.D
Analysis Date: 04/21/11 19:48
Date Rec/Extracted: 04/20/11-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.18g
Final Vol: NA
Dilution: 0.965
Solids: 12

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.016	U	56-23-5	Carbon Tetrachloride	0.016	U
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	108-90-7	Chlorobenzene	0.016	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.016	U	75-00-3	Chloroethane	0.016	U
79-00-5	1,1,2-Trichloroethane	0.016	U	67-66-3	Chloroform	0.016	U
75-34-3	1,1-Dichloroethane	0.016	U	74-87-3	Chloromethane	0.016	U
75-35-4	1,1-Dichloroethene	0.016	U	156-59-2	cis-1,2-Dichloroethene	0.016	U
87-61-6	1,2,3-Trichlorobenzene	0.016	U	10061-01-5	cis-1,3-Dichloropropene	0.040	U
120-82-1	1,2,4-Trichlorobenzene	0.016	U	110-82-7	Cyclohexane	0.016	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.016	U	124-48-1	Dibromochloromethane	0.040	U
106-93-4	1,2-Dibromoethane	0.0044	U	75-71-8	Dichlorodifluoromethane	0.016	U
95-50-1	1,2-Dichlorobenzene	0.016	U	100-41-4	Ethylbenzene	0.0080	U
107-06-2	1,2-Dichloroethane	0.016	U	98-82-8	Isopropylbenzene	0.0080	U
78-87-5	1,2-Dichloropropane	0.016	U	136777612	m&p-Xylenes	0.0080	U
541-73-1	1,3-Dichlorobenzene	0.016	U	79-20-9	Methyl Acetate	0.016	U
106-46-7	1,4-Dichlorobenzene	0.016	U	108-87-2	Methylcyclohexane	0.016	U
123-91-1	1,4-Dioxane	0.80	U	75-09-2	Methylene Chloride	0.016	U
78-93-3	2-Butanone	0.016	U	1634-04-4	Methyl-t-butyl ether	0.0080	U
591-78-6	2-Hexanone	0.016	U	95-47-6	o-Xylene	0.0080	U
108-10-1	4-Methyl-2-Pentanone	0.016	U	100-42-5	Styrene	0.016	U
67-64-1	Acetone	0.080	U	127-18-4	Tetrachloroethene	0.016	U
71-43-2	Benzene	0.0080	U	108-88-3	Toluene	0.0080	U
74-97-5	Bromochloromethane	0.016	U	156-60-5	trans-1,2-Dichloroethene	0.016	U
75-27-4	Bromodichloromethane	0.016	U	10061-02-6	trans-1,3-Dichloropropene	0.040	U
75-25-2	Bromoform	0.016	U	79-01-6	Trichloroethene	0.016	U
74-83-9	Bromomethane	0.016	U	75-69-4	Trichlorofluoromethane	0.016	U
75-15-0	Carbon Disulfide	0.016	U	75-01-4	Vinyl Chloride	0.016	U
1330-20-7	Xylenes (Total)	0.0080	U				

Worksheet #: 188807

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: AC58547-006
Client Id: SD-2
Data File: 1M67246.D
Analysis Date: 04/21/11 19:48
Date Rec/Extracted: 04/20/11-NA

Matrix: Soil
Initial Vol: 5.18g
Final Vol: NA
Dilution: 0.965
Solids: 12
Method: EPA 8260B

Units: mg/Kg

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

Worksheet #: 188807

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: AC58547-007
Client Id: SD-3
Data File: 1M67244.D
Analysis Date: 04/21/11 19:16
Date Rec/Extracted: 04/20/11-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.09g
Final Vol: NA
Dilution: 0.982
Solids: 73

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0027	U	56-23-5	Carbon Tetrachloride	0.0027	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0067	U	108-90-7	Chlorobenzene	0.0027	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0027	U	75-00-3	Chloroethane	0.0027	U
79-00-5	1,1,2-Trichloroethane	0.0027	U	67-66-3	Chloroform	0.0027	U
75-34-3	1,1-Dichloroethane	0.0027	U	74-87-3	Chloromethane	0.0027	U
75-35-4	1,1-Dichloroethene	0.0027	U	156-59-2	cis-1,2-Dichloroethene	0.0027	U
87-61-6	1,2,3-Trichlorobenzene	0.0027	U	10061-01-5	cis-1,3-Dichloropropene	0.0067	U
120-82-1	1,2,4-Trichlorobenzene	0.0027	U	110-82-7	Cyclohexane	0.0027	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0027	U	124-48-1	Dibromochloromethane	0.0067	U
106-93-4	1,2-Dibromoethane	0.00074	U	75-71-8	Dichlorodifluoromethane	0.0027	U
95-50-1	1,2-Dichlorobenzene	0.0027	U	100-41-4	Ethylbenzene	0.0013	U
107-06-2	1,2-Dichloroethane	0.0027	U	98-82-8	Isopropylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0027	U	136777612	m&p-Xylenes	0.0013	U
541-73-1	1,3-Dichlorobenzene	0.0027	U	79-20-9	Methyl Acetate	0.0027	U
106-46-7	1,4-Dichlorobenzene	0.0027	U	108-87-2	Methylcyclohexane	0.0027	U
123-91-1	1,4-Dioxane	0.13	U	75-09-2	Methylene Chloride	0.0027	U
78-93-3	2-Butanone	0.0027	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
591-78-6	2-Hexanone	0.0027	U	95-47-6	o-Xylene	0.0013	U
108-10-1	4-Methyl-2-Pentanone	0.0027	U	100-42-5	Styrene	0.0027	U
67-64-1	**Acetone**	**0.013**	**0.022**	127-18-4	Tetrachloroethene	0.0027	U
71-43-2	Benzene	0.0013	U	108-88-3	Toluene	0.0013	U
74-97-5	Bromochloromethane	0.0027	U	156-60-5	trans-1,2-Dichloroethene	0.0027	U
75-27-4	Bromodichloromethane	0.0027	U	10061-02-6	trans-1,3-Dichloropropene	0.0067	U
75-25-2	Bromoform	0.0027	U	79-01-6	Trichloroethene	0.0027	U
74-83-9	Bromomethane	0.0027	U	75-69-4	Trichlorofluoromethane	0.0027	U
75-15-0	Carbon Disulfide	0.0027	U	75-01-4	Vinyl Chloride	0.0027	U
1330-20-7	Xylenes (Total)	0.0013	U				

Worksheet #: 188807

Total Target Concentration 0.022

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: AC58547-007
Client Id: SD-3
Data File: 1M67244.D
Analysis Date: 04/21/11 19:16
Date Rec/Extracted: 04/20/11-NA

Matrix: Soil
Initial Vol: 5.09g
Final Vol: NA
Dilution: 0.982
Solids: 73
Method: EPA 8260B

Units: mg/Kg

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

Worksheet #: 188807

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: AC58547-008
Client Id: SD-4
Data File: 1M67245.D
Analysis Date: 04/21/11 19:32
Date Rec/Extracted: 04/20/11-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: 54

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0036	U	56-23-5	Carbon Tetrachloride	0.0036	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0090	U	108-90-7	Chlorobenzene	0.0036	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0036	U	75-00-3	Chloroethane	0.0036	U
79-00-5	1,1,2-Trichloroethane	0.0036	U	67-66-3	Chloroform	0.0036	U
75-34-3	1,1-Dichloroethane	0.0036	U	74-87-3	Chloromethane	0.0036	U
75-35-4	1,1-Dichloroethene	0.0036	U	156-59-2	cis-1,2-Dichloroethene	0.0036	U
87-61-6	1,2,3-Trichlorobenzene	0.0036	U	10061-01-5	cis-1,3-Dichloropropene	0.0090	U
120-82-1	1,2,4-Trichlorobenzene	0.0036	U	110-82-7	Cyclohexane	0.0036	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0036	U	124-48-1	Dibromochloromethane	0.0090	U
106-93-4	1,2-Dibromoethane	0.00099	U	75-71-8	Dichlorodifluoromethane	0.0036	U
95-50-1	1,2-Dichlorobenzene	0.0036	U	100-41-4	Ethylbenzene	0.0018	U
107-06-2	1,2-Dichloroethane	0.0036	U	98-82-8	Isopropylbenzene	0.0018	U
78-87-5	1,2-Dichloropropane	0.0036	U	136777612	m&p-Xylenes	0.0018	U
541-73-1	1,3-Dichlorobenzene	0.0036	U	79-20-9	Methyl Acetate	0.0036	U
106-46-7	1,4-Dichlorobenzene	0.0036	U	108-87-2	Methylcyclohexane	0.0036	U
123-91-1	1,4-Dioxane	0.18	U	75-09-2	Methylene Chloride	0.0036	U
78-93-3	2-Butanone	0.0036	U	1634-04-4	Methyl-t-butyl ether	0.0018	U
591-78-6	2-Hexanone	0.0036	U	95-47-6	o-Xylene	0.0018	U
108-10-1	4-Methyl-2-Pentanone	0.0036	U	100-42-5	Styrene	0.0036	U
67-64-1	Acetone	0.018	U	127-18-4	Tetrachloroethene	0.0036	U
71-43-2	Benzene	0.0018	U	108-88-3	Toluene	0.0018	U
74-97-5	Bromochloromethane	0.0036	U	156-60-5	trans-1,2-Dichloroethene	0.0036	U
75-27-4	Bromodichloromethane	0.0036	U	10061-02-6	trans-1,3-Dichloropropene	0.0090	U
75-25-2	Bromoform	0.0036	U	79-01-6	Trichloroethene	0.0036	U
74-83-9	Bromomethane	0.0036	U	75-69-4	Trichlorofluoromethane	0.0036	U
75-15-0	Carbon Disulfide	0.0036	U	75-01-4	Vinyl Chloride	0.0036	U
1330-20-7	Xylenes (Total)	0.0018	U				

Worksheet #: 188807

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: AC58547-008	Matrix: Soil
Client Id: SD-4	Initial Vol: 5.17g
Data File: 1M67245.D	Final Vol: NA
Analysis Date: 04/21/11 19:32	Dilution: 0.967
Date Rec/Extracted: 04/20/11-NA	Solids: 54
	Method: EPA 8260B

Units: mg/Kg

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

Worksheet #: 188807

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: AC58547-009
Client Id: FB-1
Data File: 6M67619.D
Analysis Date: 04/25/11 20:57
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-009
Client Id: FB-1
Data File: 6M67619.D
Analysis Date: 04/25/11 20:57
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-010
Client Id: TRIP
Data File: 6M67620.D
Analysis Date: 04/25/11 21:13
Date Rec/Extracted: 04/20/11-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 #: 188806

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: AC58547-010
Client Id: TRIP
Data File: 6M67620.D
Analysis Date: 04/25/11 21:13
Date Rec/Extracted: 04/20/11-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 #: 188806

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: MBS7464

	Data File	Sample ID:	Analysis Date
Spike or Dup:	2M65997.D	AC58596-001(MS)	4/29/2011 7:24:00 AM
Non Spike(If applicable):	2M65946.D	AC58596-001	4/28/2011 3:57:00 PM
Inst Blank(If applicable):			

Method: 624 | Matrix: Aqueous | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
Chloromethane	1	21.9928	0	20	110	1	273	0	0
Bromomethane	1	29.6826	0	20	148	1	242	0	0
Vinyl Chloride	1	28.2459	0	20	141	1	251	0	0
Chloroethane	1	29.5055	0	20	148	14	230	0	0
Trichlorofluoromethane	1	29.0237	0	20	145	17	181	0	0
Methylene Chloride	1	19.0895	0	20	95	1	221	0	0
1,1-Dichloroethene	1	27.1898	10.2215	20	85	1	234	0	0
1,1-Dichloroethane	1	44.1089	33.5964	20	53*	59	155	0	0
trans-1,2-Dichloroethene	1	20.54	0	20	103	54	156	0	0
Chloroform	1	23.3496	0	20	117	51	138	0	0
1,2-Dichloroethane	1	29.2736	0	20	146	49	155	0	0
1,1,1-Trichloroethane	1	25.8505	0	20	129	52	162	0	0
Carbon Tetrachloride	1	25.0567	0	20	125	70	140	0	0
Bromodichloromethane	1	20.4975	0	20	102	35	155	0	0
1,2-Dichloropropane	1	17.5793	0	20	88	1	210	0	0
Trichloroethene	1	22.1149	2.367	20	99	71	157	0	0
Benzene	1	20.0231	2.2844	20	89	37	151	0	0
Dibromochloromethane	1	23.0522	0	20	115	53	149	0	0
2-Chloroethylvinylether	1	0	0	20	0*	1	305	0	0
cis-1,3-Dichloropropene	1	21.7782	0	20	109	1	227	0	0
trans-1,3-Dichloropropene	1	24.7403	0	20	124	17	183	0	0
1,1,2-Trichloroethane	1	23.338	0	20	117	52	150	0	0
Tetrachloroethene	1	25.0271	2.1776	20	114	64	148	0	0
Toluene	1	22.7156	0	20	114	47	150	0	0
Chlorobenzene	1	23.9744	2.7407	20	106	37	160	0	0
Bromoform	1	15.598	0	20	78	45	169	0	0
Ethylbenzene	1	25.2027	0	20	126	37	162	0	0
1,1,2,2-Tetrachloroethane	1	20.3276	0	20	102	46	157	0	0
1,3-Dichlorobenzene	1	23.6939	0	20	118	59	156	0	0
1,4-Dichlorobenzene	1	21.2687	0	20	106	18	190	0	0
1,2-Dichlorobenzene	1	21.3958	0	20	107	18	190	0	0

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

Form3
Recovery Data
QC Batch: MBS7464

	Data File	Sample ID:	Analysis Date
Spike or Dup:	2M65998.D	AC58596-001(MSD)	4/29/2011 7:40:00 AM
Non Spike(If applicable):	2M65946.D	AC58596-001	4/28/2011 3:57:00 PM
Inst Blank(If applicable):			

Method: 624 | Matrix: Aqueous | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
Chloromethane	1	21.0444	0	20	105	1	273	0	0
Bromomethane	1	29.9547	0	20	150	1	242	0	0
Vinyl Chloride	1	28.6498	0	20	143	1	251	0	0
Chloroethane	1	26.5978	0	20	133	14	230	0	0
Trichlorofluoromethane	1	27.3395	0	20	137	17	181	0	0
Methylene Chloride	1	18.8599	0	20	94	1	221	0	0
1,1-Dichloroethene	1	26.3862	10.2215	20	81	1	234	0	0
1,1-Dichloroethane	1	44.858	33.5964	20	56*	59	155	0	0
trans-1,2-Dichloroethene	1	20.5652	0	20	103	54	156	0	0
Chloroform	1	23.3231	0	20	117	51	138	0	0
1,2-Dichloroethane	1	27.7804	0	20	139	49	155	0	0
1,1,1-Trichloroethane	1	25.0933	0	20	125	52	162	0	0
Carbon Tetrachloride	1	23.5343	0	20	118	70	140	0	0
Bromodichloromethane	1	21.5296	0	20	108	35	155	0	0
1,2-Dichloropropane	1	18.5887	0	20	93	1	210	0	0
Trichloroethene	1	20.0571	2.367	20	88	71	157	0	0
Benzene	1	20.9487	2.2844	20	93	37	151	0	0
Dibromochloromethane	1	23.5733	0	20	118	53	149	0	0
2-Chloroethylvinylether	1	0	0	20	0*	1	305	0	0
cis-1,3-Dichloropropene	1	23.3454	0	20	117	1	227	0	0
trans-1,3-Dichloropropene	1	25.8864	0	20	129	17	183	0	0
1,1,2-Trichloroethane	1	22.4592	0	20	112	52	150	0	0
Tetrachloroethene	1	23.8073	2.1776	20	108	64	148	0	0
Toluene	1	22.9684	0	20	115	47	150	0	0
Chlorobenzene	1	24.2711	2.7407	20	108	37	160	0	0
Bromoform	1	17.4042	0	20	87	45	169	0	0
Ethylbenzene	1	26.142	0	20	131	37	162	0	0
1,1,2,2-Tetrachloroethane	1	23.3216	0	20	117	46	157	0	0
1,3-Dichlorobenzene	1	25.2351	0	20	126	59	156	0	0
1,4-Dichlorobenzene	1	24.0399	0	20	120	18	190	0	0
1,2-Dichlorobenzene	1	24.0671	0	20	120	18	190	0	0

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

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB5098
Client Id:
Data File: 10M21022.D
Analysis Date: 04/24/11 17:23
Date Rec/Extracted: NA-04/24/11
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	2.0	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 #: 188810

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: WMB5098
Client Id:
Data File: 10M21022.D
Analysis Date: 04/24/11 17:23
Date Rec/Extracted: NA-04/24/11

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

Units: ug/L

	Cas #	Compound	RT	Conc
1	590-36-3	2-Pentanol, 2-methyl-	2.35	<10%
2		unknown	3.83	<10%
3	111-76-2	Ethanol, 2-butoxy-	4.52	5.0 J
4	5131-66-8	2-Propanol, 1-butoxy-	4.84	7.1 J
5	622-96-8	Benzene, 1-ethyl-4-methyl-	5.03	<10%
6	108-67-8	Benzene, 1,3,5-trimethyl-	5.29	<10%
7	112-36-7	Ethane, 1,1'-oxybis[2-ethoxy-	5.80	<10%
8		unknown	14.61	<10%

Worksheet #: 188810

Total Tentatively Identified Concentration 12

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: SMB5101
Client Id:
Data File: 9M34032.D
Analysis Date: 04/25/11 16:44
Date Rec/Extracted: NA-04/25/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

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

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.067	U	205-99-2	Benzo[b]fluoranthene	0.067	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.067	U	191-24-2	Benzo[g,h,i]perylene	0.067	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.067	U	207-08-9	Benzo[k]fluoranthene	0.067	U
95-95-4	2,4,5-Trichlorophenol	0.067	U	111-91-1	bis(2-Chloroethoxy)methan	0.067	U
88-06-2	2,4,6-Trichlorophenol	0.067	U	111-44-4	bis(2-Chloroethyl)ether	0.017	U
120-83-2	2,4-Dichlorophenol	0.017	U	108-60-1	bis(2-chloroisopropyl)ether	0.067	U
105-67-9	2,4-Dimethylphenol	0.067	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.067	U
51-28-5	2,4-Dinitrophenol	0.33	U	85-68-7	Butylbenzylphthalate	0.067	U
121-14-2	2,4-Dinitrotoluene	0.067	U	105-60-2	Caprolactam	0.067	U
606-20-2	2,6-Dinitrotoluene	0.067	U	86-74-8	Carbazole	0.067	U
91-58-7	2-Chloronaphthalene	0.067	U	218-01-9	Chrysene	0.067	U
95-57-8	2-Chlorophenol	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
91-57-6	2-Methylnaphthalene	0.067	U	132-64-9	Dibenzofuran	0.017	U
95-48-7	2-Methylphenol	0.017	U	84-66-2	Diethylphthalate	0.067	U
88-74-4	2-Nitroaniline	0.067	U	131-11-3	Dimethylphthalate	0.067	U
88-75-5	2-Nitrophenol	0.067	U	84-74-2	Di-n-butylphthalate	0.067	U
106-44-5	3&4-Methylphenol	0.017	U	117-84-0	Di-n-octylphthalate	0.067	U
91-94-1	3,3'-Dichlorobenzidine	0.067	U	206-44-0	Fluoranthene	0.067	U
99-09-2	3-Nitroaniline	0.067	U	86-73-7	Fluorene	0.067	U
534-52-1	4,6-Dinitro-2-methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.067	U
101-55-3	4-Bromophenyl-phenylether	0.067	U	87-68-3	Hexachlorobutadiene	0.067	U
59-50-7	4-Chloro-3-methylphenol	0.067	U	77-47-4	Hexachlorocyclopentadiene	0.33	U
106-47-8	4-Chloroaniline	0.032	U	67-72-1	Hexachloroethane	0.067	U
7005-72-3	4-Chlorophenyl-phenylether	0.067	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.067	U
100-01-6	4-Nitroaniline	0.067	U	78-59-1	Isophorone	0.067	U
100-02-7	4-Nitrophenol	0.067	U	91-20-3	Naphthalene	0.017	U
83-32-9	Acenaphthene	0.067	U	98-95-3	Nitrobenzene	0.067	U
208-96-8	Acenaphthylene	0.067	U	621-64-7	N-Nitroso-di-n-propylamine	0.017	U
98-86-2	Acetophenone	0.067	U	86-30-6	n-Nitrosodiphenylamine	0.067	U
120-12-7	Anthracene	0.067	U	87-86-5	Pentachlorophenol	0.67	U
1912-24-9	Atrazine	0.067	U	85-01-8	Phenanthrene	0.067	U
100-52-7	Benzaldehyde	0.067	U	108-95-2	Phenol	0.067	U
56-55-3	Benzo[a]anthracene	0.067	U	129-00-0	Pyrene	0.067	U
50-32-8	Benzo[a]pyrene	0.067	U				

Worksheet #: 188746

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: SMB5101
Client Id:
Data File: 9M34032.D
Analysis Date: 04/25/11 16:44
Date Rec/Extracted: NA-04/25/11

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

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	3.77	0.56 JA
2		unknown	4.02	1.9 J
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.35	97 JA
4		unknown	5.03	0.55 J
5	5131-66-8	2-Propanol, 1-butoxy-	5.23	0.18 J
6	84-69-5	1,2-Benzenedicarboxylic acid, bis(2-met	9.91	0.55 J

Worksheet #: 188746

Total Tentatively Identified Concentration 100

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: AC58547-001
Client Id: SW-1
Data File: 10M21053.D
Analysis Date: 04/25/11 05:21
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 780ml
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	1.3	U	205-99-2	Benzo[b]fluoranthene	1.3	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.3	U	191-24-2	Benzo[g,h,i]perylene	1.3	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	207-08-9	Benzo[k]fluoranthene	1.3	U
95-95-4	2,4,5-Trichlorophenol	1.3	U	111-91-1	bis(2-Chloroethoxy)methan	1.3	U
88-06-2	2,4,6-Trichlorophenol	1.3	U	111-44-4	bis(2-Chloroethyl)ether	0.32	U
120-83-2	2,4-Dichlorophenol	1.3	U	108-60-1	bis(2-chloroisopropyl)ether	1.3	U
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.3	U
51-28-5	2,4-Dinitrophenol	6.4	U	85-68-7	Butylbenzylphthalate	1.3	U
121-14-2	2,4-Dinitrotoluene	1.3	U	105-60-2	Caprolactam	1.3	U
606-20-2	2,6-Dinitrotoluene	1.3	U	86-74-8	Carbazole	1.3	U
91-58-7	2-Chloronaphthalene	1.3	U	218-01-9	Chrysene	1.3	U
95-57-8	2-Chlorophenol	1.3	U	53-70-3	Dibenzo[a,h]anthracene	1.3	U
91-57-6	2-Methylnaphthalene	1.3	U	132-64-9	Dibenzofuran	0.32	U
95-48-7	2-Methylphenol	0.32	U	84-66-2	Diethylphthalate	1.3	U
88-74-4	2-Nitroaniline	1.3	U	131-11-3	Dimethylphthalate	1.3	U
88-75-5	2-Nitrophenol	1.3	U	84-74-2	Di-n-butylphthalate	1.3	U
106-44-5	3&4-Methylphenol	0.32	U	117-84-0	Di-n-octylphthalate	1.3	U
91-94-1	3,3'-Dichlorobenzidine	1.3	U	206-44-0	Fluoranthene	1.3	U
99-09-2	3-Nitroaniline	1.3	U	86-73-7	Fluorene	1.3	U
534-52-1	4,6-Dinitro-2-methylphenol	6.4	U	118-74-1	Hexachlorobenzene	1.3	U
101-55-3	4-Bromophenyl-phenylether	1.3	U	87-68-3	Hexachlorobutadiene	1.3	U
59-50-7	4-Chloro-3-methylphenol	1.3	U	77-47-4	Hexachlorocyclopentadiene	1.3	U
106-47-8	4-Chloroaniline	0.32	U	67-72-1	Hexachloroethane	1.3	U
7005-72-3	4-Chlorophenyl-phenylether	1.3	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.3	U
100-01-6	4-Nitroaniline	1.3	U	78-59-1	Isophorone	1.3	U
100-02-7	4-Nitrophenol	1.3	U	91-20-3	Naphthalene	0.32	U
83-32-9	Acenaphthene	1.3	U	98-95-3	Nitrobenzene	1.3	U
208-96-8	Acenaphthylene	1.3	U	621-64-7	N-Nitroso-di-n-propylamine	0.32	U
98-86-2	Acetophenone	1.3	U	86-30-6	n-Nitrosodiphenylamine	1.3	U
120-12-7	Anthracene	1.3	U	87-86-5	Pentachlorophenol	6.4	U
1912-24-9	Atrazine	1.3	U	85-01-8	Phenanthrene	1.3	U
100-52-7	Benzaldehyde	1.3	U	108-95-2	Phenol	1.3	U
56-55-3	Benzo[a]anthracene	1.3	U	129-00-0	Pyrene	1.3	U
50-32-8	Benzo[a]pyrene	1.3	U				

Worksheet #: 188810

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: AC58547-001
Client Id: SW-1
Data File: 10M21053.D
Analysis Date: 04/25/11 05:21
Date Rec/Extracted: 04/20/11-04/24/11

Matrix: Aqueous
Initial Vol: 780ml
Final Vol: 0.5ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1		unknown	3.83	2.8 JB
2	111-76-2	Ethanol, 2-butoxy-	4.51	7.3 JB
3	5131-66-8	2-Propanol, 1-butoxy-	4.84	9.2 JB
4	526-73-8	Benzene, 1,2,3-trimethyl-	5.29	2.6 J

Worksheet #: 188810

Total Tentatively Identified Concentration 22

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: AC58547-002
Client Id: SW-2
Data File: 10M21054.D
Analysis Date: 04/25/11 05:43
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 960ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.52	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.52	U
95-48-7	2-Methylphenol	0.52	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.52	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.52	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.52	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188810

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

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC58547-002
Client Id: SW-2
Data File: 10M21054.D
Analysis Date: 04/25/11 05:43
Date Rec/Extracted: 04/20/11-04/24/11

Matrix: Aqueous
Initial Vol: 960ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	111-76-2	Ethanol, 2-butoxy-	4.51	14 JB
2	5131-66-8	2-Propanol, 1-butoxy-	4.84	16 JB
3	108-67-8	Benzene, 1,3,5-trimethyl-	5.29	5.9 JB

Worksheet #: 188810

Total Tentatively Identified Concentration 36

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: AC58547-003
Client Id: SW-3
Data File: 10M21055.D
Analysis Date: 04/25/11 06:05
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	0.54	U
120-83-2	2,4-Dichlorophenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	0.54	U
95-48-7	2-Methylphenol	0.54	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	0.54	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
106-47-8	4-Chloroaniline	0.54	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	0.54	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	2.2	U
208-96-8	Acenaphthylene	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	0.54	U
98-86-2	Acetophenone	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
120-12-7	Anthracene	2.2	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.2	U	85-01-8	Phenanthrene	2.2	U
100-52-7	Benzaldehyde	2.2	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U
50-32-8	Benzo[a]pyrene	2.2	U				

Worksheet #: 188810

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: AC58547-003
Client Id: SW-3
Data File: 10M21055.D
Analysis Date: 04/25/11 06:05
Date Rec/Extracted: 04/20/11-04/24/11

Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	111-76-2	Ethanol, 2-butoxy-	4.52	4.3 JB
2	5131-66-8	2-Propanol, 1-butoxy-	4.84	7.1 JB

Worksheet #: 188810

Total Tentatively Identified Concentration 11

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: AC58547-004
Client Id: SW-4
Data File: 10M21024.D
Analysis Date: 04/24/11 18:41
Date Rec/Extracted: 04/20/11-04/24/11
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	2.0	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 #: 188810

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: AC58547-004
Client Id: SW-4
Data File: 10M21024.D
Analysis Date: 04/24/11 18:41
Date Rec/Extracted: 04/20/11-04/24/11

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

Units: ug/L

	Cas #	Compound	RT	Conc
1	111-76-2	Ethanol, 2-butoxy-	4.51	9.7 JB
2	5131-66-8	2-Propanol, 1-butoxy-	4.84	14 JB
3	108-67-8	Benzene, 1,3,5-trimethyl-	5.29	5.1 JB

Worksheet #: 188810

Total Tentatively Identified Concentration 29

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: AC58547-005
Client Id: SD-1
Data File: 9M34050.D
Analysis Date: 04/25/11 23:34
Date Rec/Extracted: 04/20/11-04/25/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 51

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.13	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.13**	**0.31**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.13	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.13**	**0.19**
58-90-2	2,3,4,6-Tetrachlorophenol	0.13	U	207-08-9	Benzo[k]fluoranthene	0.13	U
95-95-4	2,4,5-Trichlorophenol	0.13	U	111-91-1	bis(2-Chloroethoxy)methan	0.13	U
88-06-2	2,4,6-Trichlorophenol	0.13	U	111-44-4	bis(2-Chloroethyl)ether	0.033	U
120-83-2	2,4-Dichlorophenol	0.033	U	108-60-1	bis(2-chloroisopropyl)ether	0.13	U
105-67-9	2,4-Dimethylphenol	0.13	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.13	U
51-28-5	2,4-Dinitrophenol	0.65	U	85-68-7	Butylbenzylphthalate	0.13	U
121-14-2	2,4-Dinitrotoluene	0.13	U	105-60-2	Caprolactam	0.13	U
606-20-2	2,6-Dinitrotoluene	0.13	U	86-74-8	Carbazole	0.13	U
91-58-7	2-Chloronaphthalene	0.13	U	**218-01-9**	**Chrysene**	**0.13**	**0.22**
95-57-8	2-Chlorophenol	0.13	U	53-70-3	Dibenzo[a,h]anthracene	0.13	U
91-57-6	2-Methylnaphthalene	0.13	U	132-64-9	Dibenzofuran	0.033	U
95-48-7	2-Methylphenol	0.033	U	84-66-2	Diethylphthalate	0.13	U
88-74-4	2-Nitroaniline	0.13	U	131-11-3	Dimethylphthalate	0.13	U
88-75-5	2-Nitrophenol	0.13	U	84-74-2	Di-n-butylphthalate	0.13	U
106-44-5	3&4-Methylphenol	0.033	U	117-84-0	Di-n-octylphthalate	0.13	U
91-94-1	3,3'-Dichlorobenzidine	0.13	U	**206-44-0**	**Fluoranthene**	**0.13**	**0.30**
99-09-2	3-Nitroaniline	0.13	U	86-73-7	Fluorene	0.13	U
534-52-1	4,6-Dinitro-2-methylphenol	0.65	U	118-74-1	Hexachlorobenzene	0.13	U
101-55-3	4-Bromophenyl-phenylether	0.13	U	87-68-3	Hexachlorobutadiene	0.13	U
59-50-7	4-Chloro-3-methylphenol	0.13	U	77-47-4	Hexachlorocyclopentadiene	0.65	U
106-47-8	4-Chloroaniline	0.062	U	67-72-1	Hexachloroethane	0.13	U
7005-72-3	4-Chlorophenyl-phenylether	0.13	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.13**	**0.15**
100-01-6	4-Nitroaniline	0.13	U	78-59-1	Isophorone	0.13	U
100-02-7	4-Nitrophenol	0.13	U	91-20-3	Naphthalene	0.033	U
83-32-9	Acenaphthene	0.13	U	98-95-3	Nitrobenzene	0.13	U
208-96-8	Acenaphthylene	0.13	U	621-64-7	N-Nitroso-di-n-propylamine	0.033	U
98-86-2	Acetophenone	0.13	U	86-30-6	n-Nitrosodiphenylamine	0.13	U
120-12-7	Anthracene	0.13	U	87-86-5	Pentachlorophenol	1.3	U
1912-24-9	Atrazine	0.13	U	**85-01-8**	**Phenanthrene**	**0.13**	**0.14**
100-52-7	Benzaldehyde	0.13	U	108-95-2	Phenol	0.13	U
56-55-3	**Benzo[a]anthracene**	**0.13**	**0.19**	**129-00-0**	**Pyrene**	**0.13**	**0.39**
50-32-8	**Benzo[a]pyrene**	**0.13**	**0.21**				

Worksheet #: 188746

Total Target Concentration 2.1

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: AC58547-005
Client Id: SD-1
Data File: 9M34050.D
Analysis Date: 04/25/11 23:34
Date Rec/Extracted: 04/20/11-04/25/11

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 51
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	4.05	2.5 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.36	130 JAB
3	111-76-2	Ethanol, 2-butoxy-	4.93	0.33 J
4		unknown	5.04	0.65 JB
5	5131-66-8	2-Propanol, 1-butoxy-	5.23	0.53 JB
6	95-63-6	Benzene, 1,2,4-trimethyl-	5.67	0.29 J
7	593-49-7	Heptacosane	11.84	0.28 J
8		unknown	12.18	0.52 J
9	3158-56-3	1,3-Benzenediol, 5-pentadecyl-	12.22	0.36 J
10	6624-79-9	1-Dotriacontanol	12.65	1.1 J
11	629-73-2	1-Hexadecene	13.42	1.8 J
12		unknown	13.65	0.59 J
13	4602-84-0	Farnesol	13.85	0.53 J
14	638-66-4	Octadecanal	13.93	0.41 J
15	630-06-8	Hexatriacontane	14.14	0.77 J
16	19047-85-9	Phosphonic acid, dioctadecyl ester	14.16	0.51 J
17	198-55-0	Perylene	14.30	0.31 J
18	629-80-1	Hexadecanal	14.69	0.60 J
19	55282-17-2	Tetracosane, 3-ethyl-	14.91	0.44 J
20		unknown	15.02	0.38 J
21	59-02-9	Vitamin E	15.14	0.99 J
22		unknown	15.25	0.37 J
23		unknown	15.81	0.37 J
24	62337-98-8	Cyclohexane, 1,1-dimethyl-2,4-bis(1-me	15.93	0.73 J
25	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	16.27	2.8 J

Worksheet #: 188746

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: AC58547-006
Client Id: SD-2
Data File: 9M34051.D
Analysis Date: 04/25/11 23:57
Date Rec/Extracted: 04/20/11-04/25/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 12

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.56	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.56**	**0.85**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.56	U	191-24-2	Benzo[g,h,i]perylene	0.56	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.56	U	207-08-9	Benzo[k]fluoranthene	0.56	U
95-95-4	2,4,5-Trichlorophenol	0.56	U	111-91-1	bis(2-Chloroethoxy)methan	0.56	U
88-06-2	2,4,6-Trichlorophenol	0.56	U	111-44-4	bis(2-Chloroethyl)ether	0.14	U
120-83-2	2,4-Dichlorophenol	0.14	U	108-60-1	bis(2-chloroisopropyl)ether	0.56	U
105-67-9	2,4-Dimethylphenol	0.56	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.56	U
51-28-5	2,4-Dinitrophenol	2.8	U	85-68-7	Butylbenzylphthalate	0.56	U
121-14-2	2,4-Dinitrotoluene	0.56	U	105-60-2	Caprolactam	0.56	U
606-20-2	2,6-Dinitrotoluene	0.56	U	86-74-8	Carbazole	0.56	U
91-58-7	2-Chloronaphthalene	0.56	U	218-01-9	Chrysene	0.56	U
95-57-8	2-Chlorophenol	0.56	U	53-70-3	Dibenzo[a,h]anthracene	0.56	U
91-57-6	2-Methylnaphthalene	0.56	U	132-64-9	Dibenzofuran	0.14	U
95-48-7	2-Methylphenol	0.14	U	84-66-2	Diethylphthalate	0.56	U
88-74-4	2-Nitroaniline	0.56	U	131-11-3	Dimethylphthalate	0.56	U
88-75-5	2-Nitrophenol	0.56	U	84-74-2	Di-n-butylphthalate	0.56	U
106-44-5	3&4-Methylphenol	0.14	U	117-84-0	Di-n-octylphthalate	0.56	U
91-94-1	3,3'-Dichlorobenzidine	0.56	U	**206-44-0**	**Fluoranthene**	**0.56**	**0.72**
99-09-2	3-Nitroaniline	0.56	U	86-73-7	Fluorene	0.56	U
534-52-1	4,6-Dinitro-2-methylphenol	2.8	U	118-74-1	Hexachlorobenzene	0.56	U
101-55-3	4-Bromophenyl-phenylether	0.56	U	87-68-3	Hexachlorobutadiene	0.56	U
59-50-7	4-Chloro-3-methylphenol	0.56	U	77-47-4	Hexachlorocyclopentadiene	2.8	U
106-47-8	4-Chloroaniline	0.26	U	67-72-1	Hexachloroethane	0.56	U
7005-72-3	4-Chlorophenyl-phenylether	0.56	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.56	U
100-01-6	4-Nitroaniline	0.56	U	78-59-1	Isophorone	0.56	U
100-02-7	4-Nitrophenol	0.56	U	91-20-3	Naphthalene	0.14	U
83-32-9	Acenaphthene	0.56	U	98-95-3	Nitrobenzene	0.56	U
208-96-8	Acenaphthylene	0.56	U	621-64-7	N-Nitroso-di-n-propylamine	0.14	U
98-86-2	Acetophenone	0.56	U	86-30-6	n-Nitrosodiphenylamine	0.56	U
120-12-7	Anthracene	0.56	U	87-86-5	Pentachlorophenol	5.6	U
1912-24-9	Atrazine	0.56	U	85-01-8	Phenanthrene	0.56	U
100-52-7	Benzaldehyde	0.56	U	108-95-2	Phenol	0.56	U
56-55-3	Benzo[a]anthracene	0.56	U	**129-00-0**	**Pyrene**	**0.56**	**0.98**
50-32-8	**Benzo[a]pyrene**	**0.56**	**0.56**				

Worksheet #: 188746

Total Target Concentration 3.1

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: AC58547-006
Client Id: SD-2
Data File: 9M34051.D
Analysis Date: 04/25/11 23:57
Date Rec/Extracted: 04/20/11-04/25/11

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 12
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	4.01	11 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.33	570 JAB
3		unknown	5.03	3.1 JB
4	5131-66-8	2-Propanol, 1-butoxy-	5.23	2.5 JY
5	1058-61-3	(24R)-4-STIGMASTEN-3-ONE	12.18	2.4 J
6	629-73-2	1-Hexadecene	12.66	4.0 J
7	544-76-3	Hexadecane	13.42	12 J
8	105-85-1	6-Octen-1-ol, 3,7-dimethyl-, formate	13.65	3.7 J
9	593-45-3	Octadecane	13.78	2.6 J
10	59681-06-0	10-DEMETHYLSQUALENE	13.86	4.6 J
11	638-66-4	Octadecanal	13.94	3.8 J
12	630-06-8	Hexatriacontane	14.14	15 J
13		unknown	14.16	4.9 J
14	56555-07-8	2,2-DIDEUTERO OCTADECANAL	14.69	2.9 J
15	7616-22-0	.gamma.-Tocopherol	14.79	2.4 J
16	630-06-8	Hexatriacontane	14.91	6.5 J
17	74685-29-3	9-Eicosene, (E)-	14.96	3.7 J
18		unknown	15.02	3.1 J
19	59-02-9	Vitamin E	15.14	6.2 J
20	57-88-5	Cholest-5-en-3-ol (3.beta.)-	15.25	5.6 J
21		unknown	15.46	4.5 J
22	22100-66-9	4,4\-DINITRODIPHENYLSULPHIDE	15.76	2.8 J
23	54832-82-5	Tricyclo[4.3.0.0(7,9)]nonane, 2,2,5,5,8,	15.94	4.7 J
24		unknown	16.02	2.6 J
25	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	16.27	27 J

Worksheet #: 188746

Total Tentatively Identified Concentration 710

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: AC58547-007
Client Id: SD-3
Data File: 9M34088.D
Analysis Date: 04/27/11 16:53
Date Rec/Extracted: 04/20/11-04/25/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 73

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.091	U	205-99-2	Benzo[b]fluoranthene	0.091	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.091	U	191-24-2	Benzo[g,h,i]perylene	0.091	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.091	U	207-08-9	Benzo[k]fluoranthene	0.091	U
95-95-4	2,4,5-Trichlorophenol	0.091	U	111-91-1	bis(2-Chloroethoxy)methan	0.091	U
88-06-2	2,4,6-Trichlorophenol	0.091	U	111-44-4	bis(2-Chloroethyl)ether	0.023	U
120-83-2	2,4-Dichlorophenol	0.023	U	108-60-1	bis(2-chloroisopropyl)ether	0.091	U
105-67-9	2,4-Dimethylphenol	0.091	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.091	U
51-28-5	2,4-Dinitrophenol	0.46	U	85-68-7	Butylbenzylphthalate	0.091	U
121-14-2	2,4-Dinitrotoluene	0.091	U	105-60-2	Caprolactam	0.091	U
606-20-2	2,6-Dinitrotoluene	0.091	U	86-74-8	Carbazole	0.091	U
91-58-7	2-Chloronaphthalene	0.091	U	218-01-9	Chrysene	0.091	U
95-57-8	2-Chlorophenol	0.091	U	53-70-3	Dibenzo[a,h]anthracene	0.091	U
91-57-6	2-Methylnaphthalene	0.091	U	132-64-9	Dibenzofuran	0.023	U
95-48-7	2-Methylphenol	0.023	U	84-66-2	Diethylphthalate	0.091	U
88-74-4	2-Nitroaniline	0.091	U	131-11-3	Dimethylphthalate	0.091	U
88-75-5	2-Nitrophenol	0.091	U	84-74-2	Di-n-butylphthalate	0.091	U
106-44-5	3&4-Methylphenol	0.023	U	117-84-0	Di-n-octylphthalate	0.091	U
91-94-1	3,3'-Dichlorobenzidine	0.091	U	206-44-0	Fluoranthene	0.091	U
99-09-2	3-Nitroaniline	0.091	U	86-73-7	Fluorene	0.091	U
534-52-1	4,6-Dinitro-2-methylphenol	0.091	U	118-74-1	Hexachlorobenzene	0.091	U
101-55-3	4-Bromophenyl-phenylether	0.091	U	87-68-3	Hexachlorobutadiene	0.091	U
59-50-7	4-Chloro-3-methylphenol	0.091	U	77-47-4	Hexachlorocyclopentadiene	0.091	U
106-47-8	4-Chloroaniline	0.043	U	67-72-1	Hexachloroethane	0.091	U
7005-72-3	4-Chlorophenyl-phenylether	0.091	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.091	U
100-01-6	4-Nitroaniline	0.091	U	78-59-1	Isophorone	0.091	U
100-02-7	4-Nitrophenol	0.091	U	91-20-3	Naphthalene	0.023	U
83-32-9	Acenaphthene	0.091	U	98-95-3	Nitrobenzene	0.091	U
208-96-8	Acenaphthylene	0.091	U	621-64-7	N-Nitroso-di-n-propylamine	0.023	U
98-86-2	Acetophenone	0.091	U	86-30-6	n-Nitrosodiphenylamine	0.091	U
120-12-7	Anthracene	0.091	U	87-86-5	Pentachlorophenol	0.46	U
1912-24-9	Atrazine	0.091	U	85-01-8	Phenanthrene	0.091	U
100-52-7	Benzaldehyde	0.091	U	108-95-2	Phenol	0.091	U
56-55-3	Benzo[a]anthracene	0.091	U	129-00-0	Pyrene	0.091	U
50-32-8	Benzo[a]pyrene	0.091	U				

Worksheet #: 188746

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: AC58547-007
Client Id: SD-3
Data File: 9M34088.D
Analysis Date: 04/27/11 16:53
Date Rec/Extracted: 04/20/11-04/25/11

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 73
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	4.09	1.8 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.42	100 JAB
3	111-76-2	Ethanol, 2-butoxy-	4.98	0.23 J
4		unknown	5.09	0.47 JB
5	5131-66-8	2-Propanol, 1-butoxy-	5.29	0.36 JB
6	57-10-3	Hexadecanoic acid	10.39	0.26 J
7	112-53-8	1-Dodecanol	11.22	0.27 J
8	1058-61-3	(24R)-4-STIGMASTEN-3-ONE	12.10	0.64 J
9	19047-85-9	Phosphonic acid, dioctadecyl ester	12.73	0.24 J
10		unknown	13.45	0.47 J
11	7098-22-8	Tetratetracontane	13.51	0.29 J
12	76164-13-1	Dihydro-.beta.-bisabolene	13.65	1.8 J
13		unknown	13.77	0.34 J
14		unknown	13.89	0.28 J
15	124-25-4	Tetradecanal	14.02	0.19 J
16	112-95-8	Eicosane	14.23	0.61 J
17	19206-58-7	4H-Naphtho[2,3-b]pyran-4,6,9-trione, 5,	14.65	0.41 J
18	473-13-2	Naphthalene, 1,2,3,4,4a,5,6,8a-octahydr	15.79	0.45 J
19	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	16.40	1.1 J

Worksheet #: 188746

Total Tentatively Identified Concentration 110

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: AC58547-008
Client Id: SD-4
Data File: 9M34089.D
Analysis Date: 04/27/11 17:16
Date Rec/Extracted: 04/20/11-04/25/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 54

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.12	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.12**	**0.33**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.12	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.12**	**0.18**
58-90-2	2,3,4,6-Tetrachlorophenol	0.12	U	207-08-9	Benzo[k]fluoranthene	0.12	U
95-95-4	2,4,5-Trichlorophenol	0.12	U	111-91-1	bis(2-Chloroethoxy)methan	0.12	U
88-06-2	2,4,6-Trichlorophenol	0.12	U	111-44-4	bis(2-Chloroethyl)ether	0.031	U
120-83-2	2,4-Dichlorophenol	0.031	U	108-60-1	bis(2-chloroisopropyl)ether	0.12	U
105-67-9	2,4-Dimethylphenol	0.12	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.12	U
51-28-5	2,4-Dinitrophenol	0.62	U	85-68-7	Butylbenzylphthalate	0.12	U
121-14-2	2,4-Dinitrotoluene	0.12	U	105-60-2	Caprolactam	0.12	U
606-20-2	2,6-Dinitrotoluene	0.12	U	86-74-8	Carbazole	0.12	U
91-58-7	2-Chloronaphthalene	0.12	U	**218-01-9**	**Chrysene**	**0.12**	**0.18**
95-57-8	2-Chlorophenol	0.12	U	53-70-3	Dibenzo[a,h]anthracene	0.12	U
91-57-6	2-Methylnaphthalene	0.12	U	132-64-9	Dibenzofuran	0.031	U
95-48-7	2-Methylphenol	0.031	U	84-66-2	Diethylphthalate	0.12	U
88-74-4	2-Nitroaniline	0.12	U	131-11-3	Dimethylphthalate	0.12	U
88-75-5	2-Nitrophenol	0.12	U	84-74-2	Di-n-butylphthalate	0.12	U
106-44-5	3&4-Methylphenol	0.031	U	117-84-0	Di-n-octylphthalate	0.12	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	**206-44-0**	**Fluoranthene**	**0.12**	**0.28**
99-09-2	3-Nitroaniline	0.12	U	86-73-7	Fluorene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.12	U	118-74-1	Hexachlorobenzene	0.12	U
101-55-3	4-Bromophenyl-phenylether	0.12	U	87-68-3	Hexachlorobutadiene	0.12	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.12	U
106-47-8	4-Chloroaniline	0.059	U	67-72-1	Hexachloroethane	0.12	U
7005-72-3	4-Chlorophenyl-phenylether	0.12	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.12**	**0.16**
100-01-6	4-Nitroaniline	0.12	U	78-59-1	Isophorone	0.12	U
100-02-7	4-Nitrophenol	0.12	U	91-20-3	Naphthalene	0.031	U
83-32-9	Acenaphthene	0.12	U	98-95-3	Nitrobenzene	0.12	U
208-96-8	Acenaphthylene	0.12	U	621-64-7	N-Nitroso-di-n-propylamine	0.031	U
98-86-2	Acetophenone	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.12	U
120-12-7	Anthracene	0.12	U	87-86-5	Pentachlorophenol	0.62	U
1912-24-9	Atrazine	0.12	U	85-01-8	Phenanthrene	0.12	U
100-52-7	Benzaldehyde	0.12	U	108-95-2	Phenol	0.12	U
56-55-3	**Benzo[a]anthracene**	**0.12**	**0.16**	**129-00-0**	**Pyrene**	**0.12**	**0.34**
50-32-8	**Benzo[a]pyrene**	**0.12**	**0.22**				

Worksheet #: 188746

Total Target Concentration 1.8

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 usea

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

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC58547-008
Client Id: SD-4
Data File: 9M34089.D
Analysis Date: 04/27/11 17:16
Date Rec/Extracted: 04/20/11-04/25/11

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 54
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	4.08	2.4 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.42	140 JAB
3		unknown	5.09	0.74 JB
4		unknown	7.41	0.79 J
5	2091-29-4	9-Hexadecenoic acid	10.32	2.5 J
6	2091-29-4	9-Hexadecenoic acid	10.36	1.1 J
7	57-10-3	Hexadecanoic acid	10.41	3.2 J
8	2733-88-2	15-Tetracosenoic acid, methyl ester, (Z)	11.25	1.9 J
9	7098-21-7	Tritetracontane	12.75	2.3 J
10	18435-45-5	1-Nonadecene	13.52	3.2 J
11	502-62-5	Lycopersen	13.95	0.78 J
12	638-68-6	Triacontane	14.24	6.3 J
13	124-25-4	Tetradecanal	14.80	1.1 J
14	630-02-4	Octacosane	15.03	1.3 J
15	295-65-8	Cyclohexadecane	15.07	1.7 J
16		unknown	15.14	0.87 J
17	59-02-9	Vitamin E	15.26	1.1 J
18	57-88-5	Cholest-5-en-3-ol (3.beta.)-	15.36	1.3 J
19		unknown	15.57	1.2 J
20	112-92-5	1-Octadecanol	15.76	1.1 J
21	4651-51-8	Ergost-5-en-3-ol, (3.beta.)-	15.91	1.3 J
22	38485-29-9	Stigmasta-5,23-dien-3.beta.-ol	16.05	1.5 J
23	74685-33-9	3-Eicosene, (E)-	16.09	0.94 J
24	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	16.42	12 J
25	25126-76-5	Androstane-3,17-diol	16.50	0.81 J

Worksheet #: 188746

Total Tentatively Identified Concentration 190

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: AC58547-009
Client Id: FB-1
Data File: 10M21056.D
Analysis Date: 04/25/11 06:27
Date Rec/Extracted: 04/20/11-04/24/11
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 625
Matrix: Aqueous
Initial Vol: 970ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.52	U
120-83-2	2,4-Dichlorophenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	0.52	U
95-48-7	2-Methylphenol	0.52	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	86-73-7	Fluorene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
106-47-8	4-Chloroaniline	0.52	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	0.52	U
83-32-9	Acenaphthene	2.1	U	98-95-3	Nitrobenzene	2.1	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.52	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U
50-32-8	Benzo[a]pyrene	2.1	U				

Worksheet #: 188810

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: AC58547-009
Client Id: FB-1
Data File: 10M21056.D
Analysis Date: 04/25/11 06:27
Date Rec/Extracted: 04/20/11-04/24/11

Matrix: Aqueous
Initial Vol: 970ml
Final Vol: 1ml
Dilution: 1
Solids:
Method: EPA 625

Units: ug/L

	Cas #	Compound	RT	Conc
1	1193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	2.22	4.9 J
2	5131-66-8	2-Propanol, 1-butoxy-	4.84	6.7 JB

Worksheet #: 188810

Total Tentatively Identified Concentration 12

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: WMB5098

	Data File	Sample ID:	Analysis Date
Spike or Dup:	10M21025.D	AC58547-004(MS)	4/24/2011 7:03:00 PM
Non Spike(If applicable):	10M21024.D	AC58547-004	4/24/2011 6:41:00 PM
Inst Blank(If applicable):			

Method: 625 | Matrix: Aqueous | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
N-Nitrosodimethylamine	1	104.8165	0	100	105	40	109	0	0
bis(2-Chloroethyl)ether	1	112.2677	0	100	112	12	158	0	0
Phenol	1	73.4123	0	100	73	5	112	0	0
2-Chlorophenol	1	110.5783	0	100	111	23	134	0	0
bis(2-chloroisopropyl)ether	1	114.7603	0	100	115	36	166	0	0
Hexachloroethane	1	108.7902	0	100	109	40	113	0	0
N-Nitroso-di-n-propylamine	1	112.9348	0	100	113	1	230	0	0
Nitrobenzene	1	115.1085	0	100	115	35	180	0	0
Isophorone	1	96.2375	0	100	96	21	196	0	0
2-Nitrophenol	1	118.2565	0	100	118	29	182	0	0
2,4-Dimethylphenol	1	104.4585	0	100	104	32	119	0	0
bis(2-Chloroethoxy)methane	1	115.2415	0	100	115	33	184	0	0
2,4-Dichlorophenol	1	110.419	0	100	110	39	135	0	0
1,2,4-Trichlorobenzene	1	100.0236	0	100	100	44	142	0	0
Naphthalene	1	104.6658	0	100	105	21	133	0	0
Hexachlorobutadiene	1	107.1813	0	100	107	24	116	0	0
4-Chloro-3-methylphenol	1	115.4051	0	100	115	22	147	0	0
2,4,6-Trichlorophenol	1	124.6111	0	100	125	37	144	0	0
2-Chloronaphthalene	1	111.6465	0	100	112	60	118	0	0
Acenaphthylene	1	117.251	0	100	117	33	145	0	0
Dimethylphthalate	1	113.7205	0	100	114*	1	112	0	0
2,6-Dinitrotoluene	1	114.1006	0	100	114	50	158	0	0
Acenaphthene	1	107.105	0	100	107	47	145	0	0
2,4-Dinitrophenol	1	115.351	0	100	115	1	191	0	0
2,4-Dinitrotoluene	1	112.2889	0	100	112	39	139	0	0
4-Nitrophenol	1	80.775	0	100	81	1	132	0	0
Fluorene	1	106.5229	0	100	107	59	121	0	0
4-Chlorophenyl-phenylether	1	110.8996	0	100	111	25	158	0	0
Diethylphthalate	1	109.607	0	100	110	1	114	0	0
4,6-Dinitro-2-methylphenol	1	112.2392	0	100	112	1	181	0	0
4-Bromophenyl-phenylether	1	112.3092	0	100	112	53	127	0	0
Hexachlorobenzene	1	100.4111	0	100	100	1	152	0	0
Pentachlorophenol	1	115.0786	0	100	115	14	176	0	0
Phenanthrene	1	112.0295	0	100	112	54	120	0	0
Anthracene	1	108.6304	0	100	109	27	133	0	0
Di-n-butylphthalate	1	120.3048	0	100	120*	1	118	0	0
Fluoranthene	1	108.7557	0	100	109	26	137	0	0
Pyrene	1	108.5101	0	100	109	52	115	0	0
Butylbenzylphthalate	1	111.7787	0	100	112	1	152	0	0
3,3'-Dichlorobenzidine	1	100.7319	0	100	101	1	262	0	0
Benzo[a]anthracene	1	105.8964	0	100	106	33	143	0	0
Chrysene	1	109.7769	0	100	110	17	168	0	0
bis(2-Ethylhexyl)phthalate	1	112.2832	0	100	112	8	158	0	0
Di-n-octylphthalate	1	109.3639	0	100	109	4	146	0	0
Benzo[b]fluoranthene	1	122.2163	0	100	122	24	159	0	0
Benzo[k]fluoranthene	1	97.508	0	100	98	11	162	0	0
Benzo[a]pyrene	1	114.2941	0	100	114	17	163	0	0
Indeno[1,2,3-cd]pyrene	1	98.1299	0	100	98	1	171	0	0
Dibenzo[a,h]anthracene	1	105.0236	0	100	105	1	227	0	0
Benzo[g,h,i]perylene	1	94.8629	0	100	95	1	219	0	0

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

Form3
Recovery Data
QC Batch: WMB5098

	Data File	Sample ID:	Analysis Date
Spike or Dup:	10M21026.D	AC58547-004(MSD)	4/24/2011 7:25:00 PM
Non Spike(If applicable):	10M21024.D	AC58547-004	4/24/2011 6:41:00 PM
Inst Blank(If applicable):			

Method: 625 Matrix: Aqueous QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit	ME Low Limit	ME Upper Limit
N-Nitrosodimethylamine	1	101.5078	0	100	102	40	109	0	0
bis(2-Chloroethyl)ether	1	114.0007	0	100	114	12	158	0	0
Phenol	1	72.9559	0	100	73	5	112	0	0
2-Chlorophenol	1	110.4662	0	100	110	23	134	0	0
bis(2-chloroisopropyl)ether	1	112.4696	0	100	112	36	166	0	0
Hexachloroethane	1	108.0591	0	100	108	40	113	0	0
N-Nitroso-di-n-propylamine	1	110.7656	0	100	111	1	230	0	0
Nitrobenzene	1	120.6397	0	100	121	35	180	0	0
Isophorone	1	97.1235	0	100	97	21	196	0	0
2-Nitrophenol	1	119.6381	0	100	120	29	182	0	0
2,4-Dimethylphenol	1	105.0559	0	100	105	32	119	0	0
bis(2-Chloroethoxy)methane	1	114.9689	0	100	115	33	184	0	0
2,4-Dichlorophenol	1	109.1953	0	100	109	39	135	0	0
1,2,4-Trichlorobenzene	1	104.246	0	100	104	44	142	0	0
Naphthalene	1	108.8469	0	100	109	21	133	0	0
Hexachlorobutadiene	1	106.7585	0	100	107	24	116	0	0
4-Chloro-3-methylphenol	1	121.4379	0	100	121	22	147	0	0
2,4,6-Trichlorophenol	1	124.4555	0	100	124	37	144	0	0
2-Chloronaphthalene	1	118.0286	0	100	118	60	118	0	0
Acenaphthylene	1	122.8864	0	100	123	33	145	0	0
Dimethylphthalate	1	122.4747	0	100	122*	1	112	0	0
2,6-Dinitrotoluene	1	122.6891	0	100	123	50	158	0	0
Acenaphthene	1	112.5957	0	100	113	47	145	0	0
2,4-Dinitrophenol	1	119.2259	0	100	119	1	191	0	0
2,4-Dinitrotoluene	1	120.8862	0	100	121	39	139	0	0
4-Nitrophenol	1	82.4687	0	100	82	1	132	0	0
Fluorene	1	111.765	0	100	112	59	121	0	0
4-Chlorophenyl-phenylether	1	115.049	0	100	115	25	158	0	0
Diethylphthalate	1	116.2924	0	100	116*	1	114	0	0
4,6-Dinitro-2-methylphenol	1	117.3749	0	100	117	1	181	0	0
4-Bromophenyl-phenylether	1	118.8643	0	100	119	53	127	0	0
Hexachlorobenzene	1	110.3168	0	100	110	1	152	0	0
Pentachlorophenol	1	118.6355	0	100	119	14	176	0	0
Phenanthrene	1	120.3511	0	100	120	54	120	0	0
Anthracene	1	117.1075	0	100	117	27	133	0	0
Di-n-butylphthalate	1	127.4421	0	100	127*	1	118	0	0
Fluoranthene	1	118.9049	0	100	119	26	137	0	0
Pyrene	1	108.5544	0	100	109	52	115	0	0
Butylbenzylphthalate	1	113.6115	0	100	114	1	152	0	0
3,3'-Dichlorobenzidine	1	104.0912	0	100	104	1	262	0	0
Benzo[a]anthracene	1	109.1785	0	100	109	33	143	0	0
Chrysene	1	111.6608	0	100	112	17	168	0	0
bis(2-Ethylhexyl)phthalate	1	113.66	0	100	114	8	158	0	0
Di-n-octylphthalate	1	113.8032	0	100	114	4	146	0	0
Benzo[b]fluoranthene	1	130.3834	0	100	130	24	159	0	0
Benzo[k]fluoranthene	1	96.1578	0	100	96	11	162	0	0
Benzo[a]pyrene	1	121.2321	0	100	121	17	163	0	0
Indeno[1,2,3-cd]pyrene	1	106.8986	0	100	107	1	171	0	0
Dibenzo[a,h]anthracene	1	113.8859	0	100	114	1	227	0	0
Benzo[g,h,i]perylene	1	106.0031	0	100	106	1	219	0	0

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC58547-001	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-1	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/20/2011	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	180	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-39-3	Barium	25	29	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-70-2	Calcium	1000	31000	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7439-89-6	Iron	150	310	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7439-95-4	Magnesium	1000	8900	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7439-96-5	Manganese	25	260	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	14	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-09-7	Potassium	2500	3000	1	100	50	04/26/11	6699	A12564D	29	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-23-5	Sodium	2500	11000	1	100	50	04/26/11	6699	A12564D	29	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	30	P	PEICP1A

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:	AC58547-002	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-2	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	190	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-39-3	Barium	25	26	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-70-2	Calcium	1000	29000	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7439-89-6	Iron	150	410	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7439-95-4	Magnesium	1000	8200	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7439-96-5	Manganese	25	210	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	15	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-09-7	Potassium	2500	3000	1	100	50	04/26/11	6699	A12564D	30	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-23-5	Sodium	2500	18000	1	100	50	04/26/11	6699	A12564D	30	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	31	P	PEICP1A

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:	AC58547-003	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-3	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	160	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-39-3	Barium	25	48	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-70-2	Calcium	1000	91000	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7439-89-6	Iron	150	170	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7439-95-4	Magnesium	1000	11000	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7439-96-5	Manganese	25	210	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ab	14	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-09-7	Potassium	2500	3800	1	100	50	04/26/11	6699	A12564D	13	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-23-5	Sodium	2500	44000	1	100	50	04/26/11	6699	A12564D	13	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	14	P	PEICP1A

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:	AC58547-004	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SW-4	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	230	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-39-3	Barium	25	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-70-2	Calcium	1000	26000	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7439-89-6	Iron	150	170	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7439-95-4	Magnesium	1000	7300	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7439-96-5	Manganese	25	50	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	16	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-09-7	Potassium	2500	2700	1	100	50	04/26/11	6699	A12564D	31	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-23-5	Sodium	2500	20000	1	100	50	04/26/11	6699	A12564D	31	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	32	P	PEICP1A

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:	AC58547-005	% Solid:	51	Lab Name:	Veritech	Nras No:	
Client Id:	SD-1	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	4/20/2011	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	390	11000	1	0.5	50	04/25/11	6695	S12560B3	35	P	PEICPRAD3A
7440-36-0	Antimony	3.9	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-38-2	Arsenic	3.9	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-39-3	Barium	20	190	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-41-7	Beryllium	1.2	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-43-9	Cadmium	1.2	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-70-2	Calcium	2000	6000	1	0.5	50	04/25/11	6695	S12560B3	35	P	PEICPRAD3A
7440-47-3	Chromium	9.8	29	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-48-4	Cobalt	4.9	11	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-50-8	Copper	9.8	27	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7439-89-6	Iron	390	28000	1	0.5	50	04/25/11	6695	S12560B3	35	P	PEICPRAD3A
7439-92-1	Lead	9.8	26	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7439-95-4	Magnesium	980	5100	1	0.5	50	04/25/11	6695	S12560B3	35	P	PEICPRAD3A
7439-96-5	Manganese	20	4200	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7439-97-6	Mercury	0.16	ND	1	0.15	25	04/25/11	6695	H12560S	27	CV	HGCV2A
7440-02-0	Nickel	9.8	20	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-09-7	Potassium	980	2800	1	0.5	50	04/25/11	6695	S12560B3	35	P	PEICPRAD3A
7782-49-2	Selenium	3.5	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-22-4	Silver	2.9	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-23-5	Sodium	490	ND	1	0.5	50	04/25/11	6695	S12560B3	35	P	PEICPRAD3A
7440-28-0	Thallium	2.4	ND	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-62-2	Vanadium	20	37	1	0.5	50	04/25/11	6695	S12560A3	35	P	PEICP3A
7440-66-6	Zinc	20	94	1	0.5	50	04/25/11	6695	S12560A3	35	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:	AC58547-006	% Solid:	12	Lab Name:	Veritech	Nras No:	
Client Id:	SD-2	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	4/21/2011	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	1700	12000	1	0.5	50	04/25/11	6695	S12560B3	36	P	PEICPRAD3A
7440-36-0	Antimony	17	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-38-2	Arsenic	17	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-39-3	Barium	83	860	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-41-7	Beryllium	5.0	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-43-9	Cadmium	5.0	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-70-2	Calcium	8300	14000	1	0.5	50	04/25/11	6695	S12560B3	36	P	PEICPRAD3A
7440-47-3	Chromium	42	44	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-48-4	Cobalt	21	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-50-8	Copper	42	48	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7439-89-6	Iron	1700	58000	1	0.5	50	04/25/11	6695	S12560B3	36	P	PEICPRAD3A
7439-92-1	Lead	42	68	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7439-95-4	Magnesium	4200	6000	1	0.5	50	04/25/11	6695	S12560B3	36	P	PEICPRAD3A
7439-96-5	Manganese	83	29000	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7439-97-6	Mercury	0.69	ND	1	0.15	25	04/25/11	6695	H12560S	28	CV	HGCV2A
7440-02-0	Nickel	42	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-09-7	Potassium	4200	ND	1	0.5	50	04/25/11	6695	S12560B3	36	P	PEICPRAD3A
7782-49-2	Selenium	15	16	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-22-4	Silver	12	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-23-5	Sodium	2100	ND	1	0.5	50	04/25/11	6695	S12560B3	36	P	PEICPRAD3A
7440-28-0	Thallium	10	ND	1	0.5	50	04/26/11	6695	S12560C3	11	P	PEICP3A
7440-62-2	Vanadium	83	ND	1	0.5	50	04/25/11	6695	S12560A3	36	P	PEICP3A
7440-66-6	Zinc	83	270	1	0.5	50	04/25/11	6695	S12560A3	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:	AC58547-007	% Solid:	73	Lab Name:	Veritech	Nras No:	
Client Id:	SD-3	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	4/21/2011	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	270	5400	1	0.5	50	04/25/11	6695	S12560B3	37	P	PEICPRAD3A
7440-36-0	Antimony	2.7	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-38-2	Arsenic	2.7	2.7	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-39-3	Barium	14	27	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-41-7	Beryllium	0.82	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-43-9	Cadmium	0.82	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-70-2	Calcium	1400	76000	1	0.5	50	04/25/11	6695	S12560B3	37	P	PEICPRAD3A
7440-47-3	Chromium	6.8	8.7	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-48-4	Cobalt	3.4	6.0	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-50-8	Copper	6.8	11	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7439-89-6	Iron	270	15000	1	0.5	50	04/25/11	6695	S12560B3	37	P	PEICPRAD3A
7439-92-1	Lead	6.8	9.7	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7439-95-4	Magnesium	680	39000	1	0.5	50	04/25/11	6695	S12560B3	37	P	PEICPRAD3A
7439-96-5	Manganese	14	390	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7439-97-6	Mercury	0.11	ND	1	0.15	25	04/25/11	6695	H12560S	29	CV	HGCV2A
7440-02-0	Nickel	6.8	11	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-09-7	Potassium	680	1700	1	0.5	50	04/25/11	6695	S12560B3	37	P	PEICPRAD3A
7782-49-2	Selenium	2.5	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-22-4	Silver	2.1	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-23-5	Sodium	340	ND	1	0.5	50	04/25/11	6695	S12560B3	37	P	PEICPRAD3A
7440-28-0	Thallium	1.6	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-62-2	Vanadium	14	ND	1	0.5	50	04/25/11	6695	S12560A3	37	P	PEICP3A
7440-66-6	Zinc	14	32	1	0.5	50	04/25/11	6695	S12560A3	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:	AC58547-008	% Solid:	54	Lab Name:	Veritech	Nras No:	
Client Id:	SD-4	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	4/21/2011	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	370	8100	1	0.5	50	04/25/11	6695	S12560B3	38	P	PEICPRAD3A
7440-36-0	Antimony	3.7	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-38-2	Arsenic	3.7	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-39-3	Barium	19	150	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-41-7	Beryllium	1.1	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-43-9	Cadmium	1.1	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-70-2	Calcium	1900	17000	1	0.5	50	04/25/11	6695	S12560B3	38	P	PEICPRAD3A
7440-47-3	Chromium	9.3	25	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-48-4	Cobalt	4.6	8.5	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-50-8	Copper	9.3	17	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7439-89-6	Iron	370	19000	1	0.5	50	04/25/11	6695	S12560B3	38	P	PEICPRAD3A
7439-92-1	Lead	9.3	32	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7439-95-4	Magnesium	930	13000	1	0.5	50	04/25/11	6695	S12560B3	38	P	PEICPRAD3A
7439-96-5	Manganese	19	3400	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7439-97-6	Mercury	0.15	ND	1	0.15	25	04/25/11	6695	H12560S	30	CV	HGCV2A
7440-02-0	Nickel	9.3	20	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-09-7	Potassium	930	1900	1	0.5	50	04/25/11	6695	S12560B3	38	P	PEICPRAD3A
7782-49-2	Selenium	3.3	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-22-4	Silver	2.8	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-23-5	Sodium	460	ND	1	0.5	50	04/25/11	6695	S12560B3	38	P	PEICPRAD3A
7440-28-0	Thallium	2.2	ND	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-62-2	Vanadium	19	33	1	0.5	50	04/25/11	6695	S12560A3	38	P	PEICP3A
7440-66-6	Zinc	19	93	1	0.5	50	04/25/11	6695	S12560A3	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:	AC58547-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB-1	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	4/21/2011	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	04/28/11	6699	A12564G	13	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-39-3	Barium	25	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-70-2	Calcium	1000	ND	1	100	50	05/02/11	6699	A12564H	14	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7439-89-6	Iron	150	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7439-95-4	Magnesium	1000	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7439-96-5	Manganese	25	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7439-97-6	Mercury	0.20	ND	1	25	25	04/26/11	6699	H12564Ac	17	CV	HGCV2A
7440-02-0	Nickel	10	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-09-7	Potassium	2500	ND	1	100	50	04/26/11	6699	A12564D	32	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-23-5	Sodium	2500	ND	1	100	50	04/26/11	6699	A12564D	32	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/28/11	6699	A12564G	13	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	05/02/11	6699	A12564H	14	P	PEICP1A

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 6699 (0.5) % Solid: 0 Lab Name: Veritech
Client Id: MB 6699 (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	04/26/11	6699	A12564C	11	P	PEICP1A
7440-36-0	Antimony	7.5	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-38-2	Arsenic	20	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-39-3	Barium	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-41-7	Beryllium	4.0	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-43-9	Cadmium	2.0	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-70-2	Calcium	1000	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-47-3	Chromium	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-48-4	Cobalt	10	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-50-8	Copper	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7439-89-6	Iron	150	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7439-92-1	Lead	5.0	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7439-95-4	Magnesium	1000	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7439-96-5	Manganese	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7439-98-7	Molybdenum	10	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-02-0	Nickel	10	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-09-7	Potassium	2500	ND	1	100	50	04/26/11	6699	A12564D	10	P	PEICPRAD1A
7782-49-2	Selenium	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-22-4	Silver	10	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-23-5	Sodium	2500	ND	1	100	50	04/26/11	6699	A12564D	10	P	PEICPRAD1A
7440-28-0	Thallium	5.0	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-31-5	Tin	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-32-6	Titanium	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-62-2	Vanadium	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A
7440-66-6	Zinc	25	ND	1	100	50	04/26/11	6699	A12564C	11	P	PEICP1A

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 6695 (100) % Solid: 0 Lab Name: Veritech
Client Id: MB 6695 (100) Units: MG/KG Lab Code:
Matrix: SOIL
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	ND	1	0.5	50	04/25/11	6695	S12560B3	10	P	PEICPRAD3A
7440-36-0	Antimony	2.0	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-38-2	Arsenic	2.0	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-39-3	Barium	10	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-41-7	Beryllium	0.60	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-43-9	Cadmium	0.60	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-70-2	Calcium	1000	ND	1	0.5	50	04/25/11	6695	S12560B3	10	P	PEICPRAD3A
7440-47-3	Chromium	5.0	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-48-4	Cobalt	2.5	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-50-8	Copper	5.0	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7439-89-6	Iron	200	ND	1	0.5	50	04/25/11	6695	S12560B3	10	P	PEICPRAD3A
7439-92-1	Lead	5.0	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7439-95-4	Magnesium	500	ND	1	0.5	50	04/25/11	6695	S12560B3	10	P	PEICPRAD3A
7439-96-5	Manganese	10	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7439-98-7	Molybdenum	2.5	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-02-0	Nickel	5.0	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-09-7	Potassium	500	ND	1	0.5	50	04/25/11	6695	S12560B3	10	P	PEICPRAD3A
7782-49-2	Selenium	1.8	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-22-4	Silver	1.5	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-23-5	Sodium	250	ND	1	0.5	50	04/25/11	6695	S12560B3	10	P	PEICPRAD3A
7440-28-0	Thallium	1.2	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-31-5	Tin	5.7	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-32-6	Titanium	35	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-62-2	Vanadium	10	ND	1	0.5	50	04/25/11	6695	S12560A3	11	P	PEICP3A
7440-66-6	Zinc	10	ND	1	0.5	50	04/25/11	6695	S12560A3	11	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: MB 6699 (1) % Solid: 0 Lab Name: Veritech
Client Id: MB 6699 (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	04/26/11	6699	H12564Ab	11	CV	HGCV2A

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 6695 (167) % Solid: 0 Lab Name: Veritech
Client Id: MB 6695 (167) Units: MG/KG Lab Code:
Matrix: SOIL
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	0.083	ND	1	0.15	25	04/25/11	6695	H12560S	11	CV	HGCV2A

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: 04/25/11
Data File: S12560A3
Prep Batch: 6695
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: 1042016

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

Analyte	ICB V-113875-8	CCB V-113875-20	CCB V-113875-30	CCB V-113875-40	CCB V-113875-51	MB 6695 (100)-11	MB FB 6695 (1)-33
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U	2U	.02U
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U	2U	.02U
Barium	.1 U	.1 U	.1 U	.1 U	.1 U	10U	.1U
Beryllium	.006 U	.006 U	.006 U	.006 U	.006 U	.6U	.006U
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U	.6U	.006U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	5U	.05U
Cobalt	.025 U	.025 U	.025 U	.025 U	.025 U	2.5U	.025U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	5U	.05U
Lead	.05 U	.05 U	.05 U	.05 U	.05 U	5U	.05U
Manganese	.1 U	.1 U	.1 U	.1 U	.1 U	10U	.1U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	5U	.05U
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U	1.8U	.018U
Silver	.015 U	.015 U	.015 U	.015 U	.015 U	1.5U	.015U
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U	1.2U	.012U
Vanadium	.1 U	.1 U	.1 U	.1 U	.1 U	10U	.1U
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U	10U	.1U

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: 04/25/11
Data File: S12560B3
Prep Batch: 6695
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: 1042016

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

Analyte	ICB V-113875-7	CCB V-113875-19	CCB V-113875-28	CCB V-113875-34	CCB V-113875-42	MB 6695 (100)-10	MB FB 6695 (1)-31
Aluminum	2 U	2 U	2 U	2 U	2 U	200 U	2 U
Calcium	10 U	10 U	10 U	10 U	10 U	1000 U	10 U
Iron	2 U	2 U	2 U	2 U	2 U	200 U	2 U
Magnesium	5 U	5 U	5 U	5 U	5 U	500 U	5 U
Potassium	5 U	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	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: 04/26/11
Data File: S12560C3
Prep Batch: 6695
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: 1042016

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

Analyte	ICB V-113875-8	CCB V-113875-15						
Thallium	.012 U	.012 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: 04/26/11
Data File: A12564C
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB V-112282-8	CCB-20	CCB-29	CCB-39	MB 6699 (0.5)-11			
Aluminum	.2 U	.2 U	.2 U	.2 U	.1 U			
Antimony	.015 U	.015 U	.015 U	.015 U	.0075 U			
Arsenic	.04 U	.04 U	.04 U	.04 U	.02 U			
Barium	.05 U	.05 U	.05 U	.05 U	.025 U			
Beryllium	.008 U	.008 U	.008 U	.008 U	.004 U			
Cadmium	.004 U	.004 U	.004 U	.004 U	.002 U			
Calcium	2 U	2 U	2 U	2 U	1 U			
Chromium	.05 U	.05 U	.05 U	.05 U	.025 U			
Cobalt	.02 U	.02 U	.02 U	.02 U	.01 U			
Copper	.05 U	.05 U	.05 U	.05 U	.025 U			
Iron	.3 U	.3 U	.3 U	.3 U	.15 U			
Lead	.01 U	.01 U	.01 U	.01 U	.005 U			
Magnesium	2 U	2 U	2 U	2 U	1 U			
Manganese	.05 U	.05 U	.05 U	.05 U	.025 U			
Nickel	.02 U	.02 U	.02 U	.02 U	.01 U			
Selenium	.05 U	.05 U	.05 U	.05 U	.025 U			
Silver	.02 U	.02 U	.02 U	.02 U	.01 U			
Thallium	.01 U	.01 U	.01 U	.01 U	.005 U			
Vanadium	.05 U	.05 U	.05 U	.05 U	.025 U			
Zinc	.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: 04/26/11
Data File: A12564D
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICPRAD1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB V-112282-7	CCB-19	CCB-28	CCB-37	MB 6699 (0.5)-10			
Potassium	5 U	5 U	5 U	5 U	2.5 U			
Sodium	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: 04/28/11
Data File: A12564G
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB V-112282-8	CCB-12	CCB-19					
Aluminum	.2 U	.2 U	.2 U					
Antimony	.015 U	.015 U	.015 U					
Arsenic	.04 U	.04 U	.04 U					
Barium	.05 U	.05 U	.05 U					
Beryllium	.008 U	.008 U	.008 U					
Cadmium	.004 U	.004 U	.004 U					
Calcium	2 U	2 U	2 U					
Chromium	.05 U	.05 U	.05 U					
Cobalt	.02 U	.02 U	.02 U					
Copper	.05 U	.05 U	.05 U					
Iron	.3 U	.3 U	.3 U					
Lead	.01 U	.01 U	.01 U					
Magnesium	2 U	2 U	2 U					
Manganese	.05 U	.05 U	.05 U					
Nickel	.02 U	.02 U	.02 U					
Selenium	.05 U	.05 U	.05 U					
Silver	.02 U	.02 U	.02 U					
Thallium	.01 U	.01 U	.01 U					
Vanadium	.05 U	.05 U	.05 U					
Zinc	.05 U	.05 U	.05 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: 05/02/11
Data File: A12564H
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: PEICP1A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB V-112282-8	CCB-18	MB 6745 (0.5)-11					
Calcium	2 U	2 U	1 U					
Zinc	.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: 04/25/11
Data File: H12560S
Prep Batch: 6695
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg),6020
Instrument: HGCV2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB-10	CCB-22	CCB-34	CCB-39	MB 6695 (167)-11	MB FB 6695-36
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

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 04/26/11
Data File: H12564Ab
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB-10	CCB-22	CCB-32	MB 6699 (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: 04/26/11
Data File: H12564Ac
Prep Batch: 6699
Reporting Limits Used: AQUEOUS,200.7(ICP)/200.8(ICPMS)/245.1(Hg)
Instrument: HGCV2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 1042016

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

Analyte	ICB-10	CCB-20						
Mercury	.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

FORM5/FORM7

SPIKE RECOVERY DATA

PREP BATCH: 6695

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS Matrix: AQUEOUS SampleID: LCSW 6695

Analyte	BatchId	DF	Data File	Seq#:	Spk Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6695	1	S12560B3	32	4.5533	5.0	91		75	125
Antimony	6695	1	S12560A3	34	0.4676	0.500	94		75	125
Arsenic	6695	1	S12560A3	34	0.4675	0.500	94		75	125
Barium	6695	1	S12560A3	34	0.4786	0.500	96		75	125
Beryllium	6695	1	S12560A3	34	0.4701	0.500	94		75	125
Cadmium	6695	1	S12560A3	34	0.4682	0.500	94		75	125
Calcium	6695	1	S12560B3	32	48.5464	50	97		75	125
Chromium	6695	1	S12560A3	34	0.4757	0.500	95		75	125
Cobalt	6695	1	S12560A3	34	0.4828	0.500	97		75	125
Copper	6695	1	S12560A3	34	0.4838	0.500	97		75	125
Iron	6695	1	S12560B3	32	4.6109	5.0	92		75	125
Lead	6695	1	S12560A3	34	0.4785	0.500	96		75	125
Magnesium	6695	1	S12560B3	32	47.4028	50	95		75	125
Manganese	6695	1	S12560A3	34	0.4762	0.500	95		75	125
Mercury	6695	1	H12560S	37	11.9200	10	119		75	125
Nickel	6695	1	S12560A3	34	0.4792	0.500	96		75	125
Potassium	6695	1	S12560B3	32	46.1105	50	92		75	125
Selenium	6695	1	S12560A3	34	0.4688	0.500	94		75	125
Silver	6695	1	S12560A3	34	0.0941	0.100	94		75	125
Sodium	6695	1	S12560B3	32	47.3534	50	95		75	125
Thallium	6695	1	S12560A3	34	0.5056	0.500	101		75	125
Vanadium	6695	1	S12560A3	34	0.4738	0.500	95		75	125
Zinc	6695	1	S12560A3	34	0.4890	0.500	98		75	125

TxtQcType: LCSMR Matrix: SOIL SampleID: LCS 6695 MR

Analyte	BatchId	DF	Data File	Seq#:	Spk Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6695	1	S12560B3	12	44.9751	97.8	46		39	161
Antimony	6695	1	S12560A3	13	0.6883	1.21	57		1.7	219
Arsenic	6695	1	S12560A3	13	0.9223	1.09	85		83	117
Barium	6695	1	S12560A3	13	2.8518	3.25	88		83	117
Beryllium	6695	1	S12560A3	13	0.7938	0.921	86		84	116
Cadmium	6695	1	S12560A3	13	1.0237	1.10	93		81	119
Calcium	6695	1	S12560B3	12	61.4936	67.0	92		78	122
Chromium	6695	1	S12560A3	13	0.8675	0.934	93		81	120
Cobalt	6695	1	S12560A3	13	1.3549	1.33	102		81	119
Copper	6695	1	S12560A3	13	0.6945	0.747	93		84	116
Iron	6695	1	S12560B3	12	81.7828	131	62		51	149
Lead	6695	1	S12560A3	13	1.4639	1.52	96		79	121
Magnesium	6695	1	S12560B3	12	22.0917	29.8	74		69	130
Manganese	6695	1	S12560A3	13	4.0594	4.43	92		77	123
Mercury	6695	10	H12560S	15	9.7560	97.6	100		71	129
Nickel	6695	1	S12560A3	13	1.1026	1.09	101		81	118
Potassium	6695	1	S12560B3	12	18.0207	27.7	65		65	135
Selenium	6695	1	S12560A3	13	1.8369	2.07	89		79	120
Silver	6695	1	S12560A3	13	0.4481	0.519	86		66	134
Sodium	6695	1	S12560B3	12	6.9177	7.24	96		71	129
Thallium	6695	1	S12560A3	13	1.5595	1.71	91		78	122
Vanadium	6695	1	S12560A3	13	0.8686	1.10	79		77	124
Zinc	6695	1	S12560A3	13	2.6686	2.99	89		82	118

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
PREP BATCH: 6695

Instrument Type: ICP/HG
Analytical Method(s):6010/200.7/7470A/7471A/245.1 ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS Matrix: SOIL SampleID: LCS 6695

Analyte	BatchId	DF	Data File	Seq#:	Spk Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6695	1	S12560B3	11	47.9395	97.8	49		39	161
Antimony	6695	1	S12560A3	12	0.7115	1.21	59		1.7	219
Arsenic	6695	1	S12560A3	12	0.9671	1.09	89		83	117
Barium	6695	1	S12560A3	12	3.0030	3.25	92		83	117
Beryllium	6695	1	S12560A3	12	0.8308	0.921	90		84	116
Cadmium	6695	1	S12560A3	12	1.0748	1.10	98		81	119
Calcium	6695	1	S12560B3	11	66.6451	67.0	99		78	122
Chromium	6695	1	S12560A3	12	0.8593	0.934	92		81	120
Cobalt	6695	1	S12560A3	12	1.4292	1.33	107		81	119
Copper	6695	1	S12560A3	12	0.7229	0.747	97		84	116
Iron	6695	1	S12560B3	11	85.4486	131	65		51	149
Lead	6695	1	S12560A3	12	1.5497	1.52	102		79	121
Magnesium	6695	1	S12560B3	11	23.4666	29.8	79		69	130
Manganese	6695	1	S12560A3	12	4.2950	4.43	97		77	123
Mercury	6695	10	H12560S	14	10.8800	97.6	111		71	129
Nickel	6695	1	S12560A3	12	1.1435	1.09	105		81	118
Potassium	6695	1	S12560B3	11	19.0071	27.7	69		65	135
Selenium	6695	1	S12560A3	12	1.9357	2.07	94		79	120
Silver	6695	1	S12560A3	12	0.4636	0.519	89		66	134
Sodium	6695	1	S12560B3	11	7.4259	7.24	103		71	129
Thallium	6695	1	S12560A3	12	1.6153	1.71	94		78	122
Vanadium	6695	1	S12560A3	12	0.9035	1.10	82		77	124
Zinc	6695	1	S12560A3	12	2.8391	2.99	95		82	118

TxtQcType: MSD Matrix: SOIL SampleID: AC58551-002

Analyte	BatchId	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6695	1	S12560B3	16	S12560B3	13	28.0764	14.3818	5	274	a	75	125
Antimony	6695	1	S12560A3	17	S12560A3	14	0.3280	0.02U	0.5	66	a	75	125
Arsenic	6695	1	S12560A3	17	S12560A3	14	0.5122	0.0918	0.5	84		75	125
Barium	6695	1	S12560A3	17	S12560A3	14	2.1277	1.6876	0.5	88		75	125
Beryllium	6695	1	S12560A3	17	S12560A3	14	0.4407	0.006U	.5	88		75	125
Cadmium	6695	1	S12560A3	17	S12560A3	14	0.4466	0.0082	0.5	88		75	125
Calcium	6695	1	S12560B3	16	S12560B3	13	49.4088	10U	50	99		75	125
Chromium	6695	1	S12560A3	17	S12560A3	14	0.4893	0.0689	0.5	84		75	125
Cobalt	6695	1	S12560A3	17	S12560A3	14	0.4762	0.025U	.5	95		75	125
Copper	6695	1	S12560A3	17	S12560A3	14	0.9357	0.8368	0.5	20	a	75	125
Iron	6695	1	S12560B3	16	S12560B3	13	93.1348	158.0660	5	-1300	b	75	125
Lead	6695	1	S12560A3	17	S12560A3	14	3.7233	3.9963	0.5	-55	b	75	125
Magnesium	6695	1	S12560B3	16	S12560B3	13	49.1101	5U	50	98		75	125
Manganese	6695	1	S12560A3	17	S12560A3	14	0.6675	0.3602	0.5	61	a	75	125
Mercury	6695	1	H12560S	19	H12560S	16	14.2500	4.7260	10	95		75	125
Nickel	6695	1	S12560A3	17	S12560A3	14	0.4762	0.0868	0.5	78		75	125
Potassium	6695	1	S12560B3	16	S12560B3	13	49.6579	7.3365	50	85		75	125
Selenium	6695	1	S12560A3	17	S12560A3	14	0.4377	0.018U	0.5	88		75	125
Silver	6695	1	S12560A3	17	S12560A3	14	0.0981	0.0233	.1	75		75	125
Sodium	6695	1	S12560B3	16	S12560B3	13	44.9266	2.5U	50	90		75	125
Thallium	6695	1	S12560A3	17	S12560A3	14	0.4591	0.012U	0.5	92		75	125
Vanadium	6695	1	S12560A3	17	S12560A3	14	0.5379	0.1424	0.5	79		75	125
Zinc	6695	1	S12560A3	17	S12560A3	14	0.9386	0.9144	0.5	4.8	a	75	125

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7

SPIKE RECOVERY DATA

PREP BATCH: 6695

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1 ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MS Matrix: SOIL SampleID: AC58551-002

Analyte	BatchId	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6695	1	S12560B3	15	S12560B3	13	32.5491	14.3818	5.000	363	a	75	125
Antimony	6695	1	S12560A3	16	S12560A3	14	0.3150	0.02U	0.5	63	a	75	125
Arsenic	6695	1	S12560A3	16	S12560A3	14	0.5295	0.0918	0.5	88		75	125
Barium	6695	1	S12560A3	16	S12560A3	14	2.2500	1.6876	0.5	112		75	125
Beryllium	6695	1	S12560A3	16	S12560A3	14	0.4398	0.006U	.5	88		75	125
Cadmium	6695	1	S12560A3	16	S12560A3	14	0.4497	0.0082	0.5	88		75	125
Calcium	6695	1	S12560B3	15	S12560B3	13	49.0828	10U	50.000	98		75	125
Chromium	6695	1	S12560A3	16	S12560A3	14	0.4975	0.0689	0.5	86		75	125
Cobalt	6695	1	S12560A3	16	S12560A3	14	0.4756	0.025U	.5	95		75	125
Copper	6695	1	S12560A3	16	S12560A3	14	0.9457	0.8368	0.5	22	a	75	125
Iron	6695	1	S12560B3	15	S12560B3	13	128.2700	158.0660	5.000	-600	b	75	125
Lead	6695	1	S12560A3	16	S12560A3	14	5.9205	3.9963	0.5	385	b	75	125
Magnesium	6695	1	S12560B3	15	S12560B3	13	50.0753	5U	50.000	100		75	125
Manganese	6695	1	S12560A3	16	S12560A3	14	0.8021	0.3602	0.5	88		75	125
Mercury	6695	1	H12560S	18	H12560S	16	15.3500	4.7260	10	106		75	125
Nickel	6695	1	S12560A3	16	S12560A3	14	0.4835	0.0868	0.5	79		75	125
Potassium	6695	1	S12560B3	15	S12560B3	13	51.7260	7.3365	50	89		75	125
Selenium	6695	1	S12560A3	16	S12560A3	14	0.4514	0.018U	0.5	90		75	125
Silver	6695	1	S12560A3	16	S12560A3	14	0.0982	0.0233	.1	75		75	125
Sodium	6695	1	S12560B3	15	S12560B3	13	45.4866	2.5U	50.00	91		75	125
Thallium	6695	1	S12560A3	16	S12560A3	14	0.4591	0.012U	0.5	92		75	125
Vanadium	6695	1	S12560A3	16	S12560A3	14	0.5770	0.1424	0.5	87		75	125
Zinc	6695	1	S12560A3	16	S12560A3	14	0.9369	0.9144	0.5	4.5	a	75	125

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
PREP BATCH: 6699

Instrument Type: ICP/HG
Analytical Method(s):6010/200.7/7470A/7471A/245.1 ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS Matrix: AQUEOUS SampleID: LCSW 6699

Analyte	BatchId	DF	Data File	Seq#:	Spk Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6699	1	A12564C	12	5.1534	5.000	103		85	115
Antimony	6699	1	A12564C	12	0.5193	.5000	104		85	115
Arsenic	6699	1	A12564C	12	0.5055	.5000	101		85	115
Barium	6699	1	A12564C	12	0.5050	.5000	101		85	115
Beryllium	6699	1	A12564C	12	0.5118	.5000	102		85	115
Cadmium	6699	1	A12564C	12	0.5207	.5000	104		85	115
Calcium	6699	1	A12564C	12	50.2848	50.000	101		85	115
Chromium	6699	1	A12564C	12	0.5077	.5000	102		85	115
Cobalt	6699	1	A12564C	12	0.5220	.5000	104		85	115
Copper	6699	1	A12564C	12	0.4946	.5000	99		85	115
Iron	6699	1	A12564C	12	4.9962	5.000	100		85	115
Lead	6699	1	A12564C	12	0.5136	.5000	103		85	115
Magnesium	6699	1	A12564C	12	51.6503	50.000	103		85	115
Manganese	6699	1	A12564C	12	0.5087	.5000	102		85	115
Mercury	6699	1	H12564Ab	12	10.4500	10	104		85	115
Nickel	6699	1	A12564C	12	0.5279	.5000	106		85	115
Potassium	6699	1	A12564D	11	51.9997	50.000	104		85	115
Selenium	6699	1	A12564C	12	0.5264	.5000	105		85	115
Silver	6699	1	A12564C	12	0.1031	0.1000	103		85	115
Sodium	6699	1	A12564D	11	52.0020	50.000	104		85	115
Thallium	6699	1	A12564C	12	0.5553	.5000	111		85	115
Vanadium	6699	1	A12564C	12	0.4998	.5000	100		85	115
Zinc	6699	1	A12564C	12	0.5008	.5000	100		85	115

TxtQcType: LCSMR Matrix: AQUEOUS SampleID: LCSW MR 6699

Analyte	BatchId	DF	Data File	Seq#:	Spk Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6699	1	A12564C	13	5.2008	5.000	104		85	115
Antimony	6699	1	A12564C	13	0.5169	.5000	103		85	115
Arsenic	6699	1	A12564C	13	0.5035	.5000	101		85	115
Barium	6699	1	A12564C	13	0.5046	.5000	101		85	115
Beryllium	6699	1	A12564C	13	0.5101	.5000	102		85	115
Cadmium	6699	1	A12564C	13	0.5215	.5000	104		85	115
Calcium	6699	1	A12564C	13	50.7605	50.000	102		85	115
Chromium	6699	1	A12564C	13	0.5068	.5000	101		85	115
Cobalt	6699	1	A12564C	13	0.5243	.5000	105		85	115
Copper	6699	1	A12564C	13	0.4963	.5000	99		85	115
Iron	6699	1	A12564C	13	4.9977	5.000	100		85	115
Lead	6699	1	A12564C	13	0.5116	.5000	102		85	115
Magnesium	6699	1	A12564C	13	52.3854	50.000	105		85	115
Manganese	6699	1	A12564C	13	0.5093	.5000	102		85	115
Mercury	6699	1	H12564Ab	13	10.9100	10	109		85	115
Nickel	6699	1	A12564C	13	0.5259	.5000	105		85	115
Potassium	6699	1	A12564D	12	52.0098	50.000	104		85	115
Selenium	6699	1	A12564C	13	0.5372	.5000	107		85	115
Silver	6699	1	A12564C	13	0.1035	0.1000	104		85	115
Sodium	6699	1	A12564D	12	52.1044	50.000	104		85	115
Thallium	6699	1	A12564C	13	0.5496	.5000	110		85	115
Vanadium	6699	1	A12564C	13	0.4991	.5000	100		85	115
Zinc	6699	1	A12564C	13	0.5045	.5000	101		85	115

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
PREP BATCH: 6699

Instrument Type: ICP/HG
Analytical Method(s):6010/200.7/7470A/7471A/245.1 ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MS Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6699	1	A12564C	16	A12564C	14	4.9392	0.3179	5.000	92		70	130
Antimony	6699	1	A12564C	16	A12564C	14	0.4788	.015U	.5000	96		70	130
Arsenic	6699	1	A12564C	16	A12564C	14	0.4762	0.040U	.5000	95		70	130
Barium	6699	1	A12564C	16	A12564C	14	0.5410	0.0958	.5000	89		70	130
Beryllium	6699	1	A12564C	16	A12564C	14	0.4752	.008U	.5000	95		70	130
Cadmium	6699	1	A12564C	16	A12564C	14	0.4598	.004U	.5000	92		70	130
Calcium	6699	1	A12564C	16	A12564C	14	219.3030	181.2890	50.000	76		70	130
Chromium	6699	1	A12564C	16	A12564C	14	0.4567	0.05U	.5000	91		70	130
Cobalt	6699	1	A12564C	16	A12564C	14	0.4456	.02U	.5000	89		70	130
Copper	6699	1	A12564C	16	A12564C	14	0.4624	0.050U	.5000	92		70	130
Iron	6699	1	A12564C	16	A12564C	14	4.7384	0.3470	5.000	88		70	130
Lead	6699	1	A12564C	16	A12564C	14	0.4526	0.010U	.5000	91		70	130
Magnesium	6699	1	A12564C	16	A12564C	14	67.2199	21.7762	50.000	91		70	130
Manganese	6699	1	A12564C	16	A12564C	14	0.8664	0.4197	.5000	89		70	130
Mercury	6699	1	H12564Ab	16	H12564Ab	14	11.2300	0.2U	10	112		70	130
Nickel	6699	1	A12564C	16	A12564C	14	0.4459	.02U	.5000	89		70	130
Potassium	6699	1	A12564D	15	A12564D	13	57.3470	7.5746	50.000	100		70	130
Selenium	6699	1	A12564C	16	A12564C	14	0.4903	0.05U	.5000	98		70	130
Silver	6699	1	A12564C	16	A12564C	14	0.0976	0.02U	0.100	98		70	130
Sodium	6699	1	A12564D	15	A12564D	13	137.0080	87.0773	50.000	100		70	130
Thallium	6699	1	A12564C	16	A12564C	14	0.4746	.010U	.5000	95		70	130
Vanadium	6699	1	A12564C	16	A12564C	14	0.4601	.05U	.5000	92		70	130
Zinc	6699	1	A12564C	16	A12564C	14	0.4580	.05U	.5000	92		70	130

TxtQcType: MSD Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	DF	Data File	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Added	Recov	Qual	Lo Lim	Hi Lim
Aluminum	6699	1	A12564C	17	A12564C	14	4.8319	0.3179	5.000	90		70	130
Antimony	6699	1	A12564C	17	A12564C	14	0.4681	.015U	.5000	94		70	130
Arsenic	6699	1	A12564C	17	A12564C	14	0.4590	0.040U	.5000	92		70	130
Barium	6699	1	A12564C	17	A12564C	14	0.5229	0.0958	.5000	85		70	130
Beryllium	6699	1	A12564C	17	A12564C	14	0.4657	.008U	.5000	93		70	130
Cadmium	6699	1	A12564C	17	A12564C	14	0.4457	.004U	.5000	89		70	130
Calcium	6699	1	A12564C	17	A12564C	14	213.4720	181.2890	50.000	64	a	70	130
Chromium	6699	1	A12564C	17	A12564C	14	0.4456	0.05U	.5000	89		70	130
Cobalt	6699	1	A12564C	17	A12564C	14	0.4346	.02U	.5000	87		70	130
Copper	6699	1	A12564C	17	A12564C	14	0.4504	0.050U	.5000	90		70	130
Iron	6699	1	A12564C	17	A12564C	14	4.6455	0.3470	5.000	86		70	130
Lead	6699	1	A12564C	17	A12564C	14	0.4436	0.010U	.5000	89		70	130
Magnesium	6699	1	A12564C	17	A12564C	14	65.4537	21.7762	50.000	87		70	130
Manganese	6699	1	A12564C	17	A12564C	14	0.8426	0.4197	.5000	85		70	130
Mercury	6699	1	H12564Ab	17	H12564Ab	14	10.9200	0.2U	10	109		70	130
Nickel	6699	1	A12564C	17	A12564C	14	0.4363	.02U	.5000	87		70	130
Potassium	6699	1	A12564D	16	A12564D	13	55.6682	7.5746	50.000	96		70	130
Selenium	6699	1	A12564C	17	A12564C	14	0.4771	0.05U	.5000	95		70	130
Silver	6699	1	A12564C	17	A12564C	14	0.0947	0.02U	0.100	95		70	130
Sodium	6699	1	A12564D	16	A12564D	13	131.6550	87.0773	50.000	89		70	130
Thallium	6699	1	A12564C	17	A12564C	14	0.4631	.010U	.5000	93		70	130
Vanadium	6699	1	A12564C	17	A12564C	14	0.4487	.05U	.5000	90		70	130
Zinc	6699	1	A12564C	17	A12564C	14	0.4435	.05U	.5000	89		70	130

a-Indicates Recovery Failed the criteria b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM6/FORM9

RPD/%Difference Data

PREP BATCH: 6695

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR Matrix: SOIL SampleID: LCS 6695 MR

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	Result 1	Result 2	RPD		Limit
Aluminum	6695	S12560B3	12	S12560B3	11	44.9751	47.9395	6.4		20
Antimony	6695	S12560A3	13	S12560A3	12	0.6883	0.7115	3.3		20
Arsenic	6695	S12560A3	13	S12560A3	12	0.9223	0.9671	4.7		20
Barium	6695	S12560A3	13	S12560A3	12	2.8518	3.0030	5.2		20
Beryllium	6695	S12560A3	13	S12560A3	12	0.7938	0.8308	4.6		20
Cadmium	6695	S12560A3	13	S12560A3	12	1.0237	1.0748	4.9		20
Calcium	6695	S12560B3	12	S12560B3	11	61.4936	66.6451	8		20
Chromium	6695	S12560A3	13	S12560A3	12	0.8675	0.8593	.95		20
Cobalt	6695	S12560A3	13	S12560A3	12	1.3549	1.4292	5.3		20
Copper	6695	S12560A3	13	S12560A3	12	0.6945	0.7229	4		20
Iron	6695	S12560B3	12	S12560B3	11	81.7828	85.4486	4.4		20
Lead	6695	S12560A3	13	S12560A3	12	1.4639	1.5497	5.7		20
Magnesium	6695	S12560B3	12	S12560B3	11	22.0917	23.4666	6		20
Manganese	6695	S12560A3	13	S12560A3	12	4.0594	4.2950	5.6		20
Mercury	6695	H12560S	15	H12560S	14	9.7560	10.8800	11		20
Nickel	6695	S12560A3	13	S12560A3	12	1.1026	1.1435	3.6		20
Potassium	6695	S12560B3	12	S12560B3	11	18.0207	19.0071	5.3		20
Selenium	6695	S12560A3	13	S12560A3	12	1.8369	1.9357	5.2		20
Silver	6695	S12560A3	13	S12560A3	12	0.4481	0.4636	3.4		20
Sodium	6695	S12560B3	12	S12560B3	11	6.9177	7.4259	7.1		20
Thallium	6695	S12560A3	13	S12560A3	12	1.5595	1.6153	3.5		20
Vanadium	6695	S12560A3	13	S12560A3	12	0.8686	0.9035	3.9		20
Zinc	6695	S12560A3	13	S12560A3	12	2.6686	2.8391	6.2		20

TxtQcType: MR Matrix: SOIL SampleID: AC58551-002

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	Result 1	Result 2	RPD		Limit
Aluminum	6695	S12560B3	14	S12560B3	13	12.9808	14.3818	10		20
Antimony	6695	S12560A3	15	S12560A3	14	0.02U	0.02U	---		20
Arsenic	6695	S12560A3	15	S12560A3	14	0.0848	0.0918	7.9		20
Barium	6695	S12560A3	15	S12560A3	14	1.5239	1.6876	10		20
Beryllium	6695	S12560A3	15	S12560A3	14	0.006U	0.006U	---		20
Cadmium	6695	S12560A3	15	S12560A3	14	0.0074	0.0082	9.2		20
Calcium	6695	S12560B3	14	S12560B3	13	10.5896	10U	---		20
Chromium	6695	S12560A3	15	S12560A3	14	0.0538	0.0689	25	b	20
Cobalt	6695	S12560A3	15	S12560A3	14	0.025U	0.025U	---		20
Copper	6695	S12560A3	15	S12560A3	14	0.7419	0.8368	12		20
Iron	6695	S12560B3	14	S12560B3	13	134.2140	158.0660	16		20
Lead	6695	S12560A3	15	S12560A3	14	4.2093	3.9963	5.2		20
Magnesium	6695	S12560B3	14	S12560B3	13	6.4018	5U	---		20
Manganese	6695	S12560A3	15	S12560A3	14	0.4378	0.3602	19		20
Mercury	6695	H12560S	17	H12560S	16	5.5750	4.7260	16		20
Nickel	6695	S12560A3	15	S12560A3	14	0.05U	0.0868	---		20
Potassium	6695	S12560B3	14	S12560B3	13	7.2662	7.3365	0.96		20
Selenium	6695	S12560A3	15	S12560A3	14	0.0181	0.018U	---		20
Silver	6695	S12560A3	15	S12560A3	14	0.015U	0.0233	---		20
Sodium	6695	S12560B3	14	S12560B3	13	2.5U	2.5U	---		20
Thallium	6695	S12560A3	15	S12560A3	14	0.012U	0.012U	---		20
Vanadium	6695	S12560A3	15	S12560A3	14	0.1249	0.1424	13		20
Zinc	6695	S12560A3	15	S12560A3	14	0.7733	0.9144	17		20

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9

RPD/%Difference Data

PREP BATCH: 6695

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD | Matrix: SOIL | SampleID: AC58551-002

Analyte	BatchId	Data File	Seq#:	MS File	Seq#	Result 1	Result 2	RPD		Limit
Aluminum	6695	S12560B3	16	S12560B3	15	28.0764	32.5491	15		20
Antimony	6695	S12560A3	17	S12560A3	16	0.3280	0.3150	4		20
Arsenic	6695	S12560A3	17	S12560A3	16	0.5122	0.5295	3.3		20
Barium	6695	S12560A3	17	S12560A3	16	2.1277	2.2500	5.6		20
Beryllium	6695	S12560A3	17	S12560A3	16	0.4407	0.4398	.2		20
Cadmium	6695	S12560A3	17	S12560A3	16	0.4466	0.4497	.69		20
Calcium	6695	S12560B3	16	S12560B3	15	49.4088	49.0828	.66		20
Chromium	6695	S12560A3	17	S12560A3	16	0.4893	0.4975	1.7		20
Cobalt	6695	S12560A3	17	S12560A3	16	0.4762	0.4756	.14		20
Copper	6695	S12560A3	17	S12560A3	16	0.9357	0.9457	1.1		20
Iron	6695	S12560B3	16	S12560B3	15	93.1348	128.2700	32	a	20
Lead	6695	S12560A3	17	S12560A3	16	3.7233	5.9205	46	a	20
Magnesium	6695	S12560B3	16	S12560B3	15	49.1101	50.0753	1.9		20
Manganese	6695	S12560A3	17	S12560A3	16	0.6675	0.8021	18		20
Mercury	6695	H12560S	19	H12560S	18	14.2500	15.3500	7.4		20
Nickel	6695	S12560A3	17	S12560A3	16	0.4762	0.4835	1.5		20
Potassium	6695	S12560B3	16	S12560B3	15	49.6579	51.7260	4.1		20
Selenium	6695	S12560A3	17	S12560A3	16	0.4377	0.4514	3.1		20
Silver	6695	S12560A3	17	S12560A3	16	0.0981	0.0982	.054		20
Sodium	6695	S12560B3	16	S12560B3	15	44.9266	45.4866	1.2		20
Thallium	6695	S12560A3	17	S12560A3	16	0.4591	0.4591	.0031		20
Vanadium	6695	S12560A3	17	S12560A3	16	0.5379	0.5770	7		20
Zinc	6695	S12560A3	17	S12560A3	16	0.9386	0.9369	.17		20

TxtQcType: SD | Matrix: SOIL | SampleID: AC58551-002

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff		Limit
Aluminum	6695	S12560B3	20	S12560B3	13	5	2.8058	14.3818	2.5		10
Antimony	6695	S12560A3	21	S12560A3	14	5	0.0041	0.0118	74	c	10
Arsenic	6695	S12560A3	21	S12560A3	14	5	0.0169	0.0918	7.7		10
Barium	6695	S12560A3	21	S12560A3	14	5	0.3424	1.6876	1.4		10
Beryllium	6695	S12560A3	21	S12560A3	14	5	0.0015	0.0024	212	c	10
Cadmium	6695	S12560A3	21	S12560A3	14	5	0.0030	0.0082	83	c	10
Calcium	6695	S12560B3	20	S12560B3	13	5	1.3531	6.8798	1.7		10
Chromium	6695	S12560A3	21	S12560A3	14	5	0.0141	0.0689	2.6		10
Cobalt	6695	S12560A3	21	S12560A3	14	5	0.0042	0.0175	21	a	10
Copper	6695	S12560A3	21	S12560A3	14	5	0.1686	0.8368	0.75		10
Iron	6695	S12560B3	20	S12560B3	13	5	31.7598	158.0660	0.46		10
Lead	6695	S12560A3	21	S12560A3	14	5	0.8146	3.9963	1.9		10
Magnesium	6695	S12560B3	20	S12560B3	13	5	0.7700	3.8553	0.14		10
Manganese	6695	S12560A3	21	S12560A3	14	5	0.0738	0.3602	2.5		10
Nickel	6695	S12560A3	21	S12560A3	14	5	0.0172	0.0868	0.9		10
Potassium	6695	S12560B3	20	S12560B3	13	5	1.5174	7.3365	3.4		10
Selenium	6695	S12560A3	21	S12560A3	14	5	0.0026	0.0160	---		10
Silver	6695	S12560A3	21	S12560A3	14	5	0.0052	0.0233	12	a	10
Sodium	6695	S12560B3	20	S12560B3	13	5	0.3921	2.1664	9.5		10
Thallium	6695	S12560A3	21	S12560A3	14	5	0.0013	0.0023	---		10
Vanadium	6695	S12560A3	21	S12560A3	14	5	0.0272	0.1424	4.4		10
Zinc	6695	S12560A3	21	S12560A3	14	5	0.1880	0.9144	2.8		10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9

RPD/%Difference Data

PREP BATCH: 6699

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR Matrix: AQUEOUS SampleID: LCSW MR 6699

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	6699	A12564C	13	A12564C	12	5.2008	5.1534	.92	20
Antimony	6699	A12564C	13	A12564C	12	0.5169	0.5193	.48	20
Arsenic	6699	A12564C	13	A12564C	12	0.5035	0.5055	.4	20
Barium	6699	A12564C	13	A12564C	12	0.5046	0.5050	.074	20
Beryllium	6699	A12564C	13	A12564C	12	0.5101	0.5118	.34	20
Cadmium	6699	A12564C	13	A12564C	12	0.5215	0.5207	.17	20
Calcium	6699	A12564C	13	A12564C	12	50.7605	50.2848	.94	20
Chromium	6699	A12564C	13	A12564C	12	0.5068	0.5077	.18	20
Cobalt	6699	A12564C	13	A12564C	12	0.5243	0.5220	.44	20
Copper	6699	A12564C	13	A12564C	12	0.4963	0.4946	.35	20
Iron	6699	A12564C	13	A12564C	12	4.9977	4.9962	.031	20
Lead	6699	A12564C	13	A12564C	12	0.5116	0.5136	.4	20
Magnesium	6699	A12564C	13	A12564C	12	52.3854	51.6503	1.4	20
Manganese	6699	A12564C	13	A12564C	12	0.5093	0.5087	.12	20
Mercury	6699	H12564Ab	13	H12564Ab	12	10.9100	10.4500	4.3	20
Nickel	6699	A12564C	13	A12564C	12	0.5259	0.5279	.37	20
Potassium	6699	A12564D	12	A12564D	11	52.0098	51.9997	.019	20
Selenium	6699	A12564C	13	A12564C	12	0.5372	0.5264	2	20
Silver	6699	A12564C	13	A12564C	12	0.1035	0.1031	.38	20
Sodium	6699	A12564D	12	A12564D	11	52.1044	52.0020	.2	20
Thallium	6699	A12564C	13	A12564C	12	0.5496	0.5553	1	20
Vanadium	6699	A12564C	13	A12564C	12	0.4991	0.4998	.14	20
Zinc	6699	A12564C	13	A12564C	12	0.5045	0.5008	.74	20

TxtQcType: MR Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	6699	A12564C	15	A12564C	14	0.2872	0.3179	10	20
Antimony	6699	A12564C	15	A12564C	14	.015U	.015U	---	20
Arsenic	6699	A12564C	15	A12564C	14	0.040U	0.040U	---	20
Barium	6699	A12564C	15	A12564C	14	0.0934	0.0958	2.6	20
Beryllium	6699	A12564C	15	A12564C	14	.008U	.008U	---	20
Cadmium	6699	A12564C	15	A12564C	14	.004U	.004U	---	20
Calcium	6699	A12564C	15	A12564C	14	177.0630	181.2890	2.4	20
Chromium	6699	A12564C	15	A12564C	14	0.05U	0.05U	---	20
Cobalt	6699	A12564C	15	A12564C	14	.02U	.02U	---	20
Copper	6699	A12564C	15	A12564C	14	0.050U	0.050U	---	20
Iron	6699	A12564C	15	A12564C	14	0.300U	0.3470	---	20
Lead	6699	A12564C	15	A12564C	14	0.010U	0.010U	---	20
Magnesium	6699	A12564C	15	A12564C	14	21.4716	21.7762	1.4	20
Manganese	6699	A12564C	15	A12564C	14	0.4137	0.4197	1.4	20
Mercury	6699	H12564Ab	15	H12564Ab	14	0.2U	0.2U	---	20
Nickel	6699	A12564C	15	A12564C	14	.02U	.02U	---	20
Potassium	6699	A12564D	14	A12564D	13	7.3122	7.5746	3.5	20
Selenium	6699	A12564C	15	A12564C	14	0.05U	0.05U	---	20
Silver	6699	A12564C	15	A12564C	14	0.02U	0.02U	---	20
Sodium	6699	A12564D	14	A12564D	13	85.5393	87.0773	1.8	20
Thallium	6699	A12564C	15	A12564C	14	.010U	.010U	---	20
Vanadium	6699	A12564C	15	A12564C	14	.05U	.05U	---	20
Zinc	6699	A12564C	15	A12564C	14	.05U	.05U	---	20

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9

RPD/%Difference Data

PREP BATCH: 6699

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	Data File	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	6699	A12564C	17	A12564C	16	4.8319	4.9392	2.2	20
Antimony	6699	A12564C	17	A12564C	16	0.4681	0.4788	2.3	20
Arsenic	6699	A12564C	17	A12564C	16	0.4590	0.4762	3.7	20
Barium	6699	A12564C	17	A12564C	16	0.5229	0.5410	3.4	20
Beryllium	6699	A12564C	17	A12564C	16	0.4657	0.4752	2	20
Cadmium	6699	A12564C	17	A12564C	16	0.4457	0.4598	3.1	20
Calcium	6699	A12564C	17	A12564C	16	213.4720	219.3030	2.7	20
Chromium	6699	A12564C	17	A12564C	16	0.4456	0.4567	2.5	20
Cobalt	6699	A12564C	17	A12564C	16	0.4346	0.4456	2.5	20
Copper	6699	A12564C	17	A12564C	16	0.4504	0.4624	2.6	20
Iron	6699	A12564C	17	A12564C	16	4.6455	4.7384	2	20
Lead	6699	A12564C	17	A12564C	16	0.4436	0.4526	2	20
Magnesium	6699	A12564C	17	A12564C	16	65.4537	67.2199	2.7	20
Manganese	6699	A12564C	17	A12564C	16	0.8426	0.8664	2.8	20
Mercury	6699	H12564Ab	17	H12564Ab	16	10.9200	11.2300	2.8	20
Nickel	6699	A12564C	17	A12564C	16	0.4363	0.4459	2.2	20
Potassium	6699	A12564D	16	A12564D	15	55.6682	57.3470	3	20
Selenium	6699	A12564C	17	A12564C	16	0.4771	0.4903	2.7	20
Silver	6699	A12564C	17	A12564C	16	0.0947	0.0976	3.1	20
Sodium	6699	A12564D	16	A12564D	15	131.6550	137.0080	4	20
Thallium	6699	A12564C	17	A12564C	16	0.4631	0.4746	2.4	20
Vanadium	6699	A12564C	17	A12564C	16	0.4487	0.4601	2.5	20
Zinc	6699	A12564C	17	A12564C	16	0.4435	0.4580	3.2	20

TxtQcType: SD Matrix: AQUEOUS SampleID: AC58547-003

Analyte	BatchId	Data File	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff		Limit
Aluminum	6699	A12564C	21	A12564C	14	5	0.2215	0.3179	248	a	10
Antimony	6699	A12564C	21	A12564C	14	5	0.0023	0.0039	---		10
Arsenic	6699	A12564C	21	A12564C	14	5	-0.0015	-0.0020	---		10
Barium	6699	A12564C	21	A12564C	14	5	0.0201	0.0958	5.1		10
Beryllium	6699	A12564C	21	A12564C	14	5	0.0000	0.0001	---		10
Cadmium	6699	A12564C	21	A12564C	14	5	0.0005	0.0011	---		10
Calcium	6699	A12564C	21	A12564C	14	5	38.8198	181.2890	7.1		10
Chromium	6699	A12564C	21	A12564C	14	5	-0.0020	-0.0019	---		10
Cobalt	6699	A12564C	21	A12564C	14	5	-0.0038	-0.0035	---		10
Copper	6699	A12564C	21	A12564C	14	5	0.0059	0.0066	349	c	10
Iron	6699	A12564C	21	A12564C	14	5	0.0504	0.3470	27	c	10
Lead	6699	A12564C	21	A12564C	14	5	-0.0048	-0.0029	---		10
Magnesium	6699	A12564C	21	A12564C	14	5	4.6108	21.7762	5.9		10
Manganese	6699	A12564C	21	A12564C	14	5	0.0904	0.4197	7.7		10
Nickel	6699	A12564C	21	A12564C	14	5	-0.0002	0.0001	---		10
Potassium	6699	A12564D	20	A12564D	13	5	1.5808	7.5746	4.3		10
Selenium	6699	A12564C	21	A12564C	14	5	0.0252	0.0378	232	c	10
Silver	6699	A12564C	21	A12564C	14	5	0.0007	0.0015	---		10
Sodium	6699	A12564D	20	A12564D	13	5	17.1564	87.0773	1.5		10
Thallium	6699	A12564C	21	A12564C	14	5	0.0000	0.0033	---		10
Vanadium	6699	A12564C	21	A12564C	14	5	0.0011	0.0206	75	c	10
Zinc	6699	A12564C	21	A12564C	14	5	0.0082	0.0155	164	c	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC58547-001 | Project Number: 1042016
Matrix: Aqueous | Received Date: 4/20/2011
Client SampleID: SW-1 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**8.9**	**mg/L**	**1.0**	04/28/11	04/29/11
Cyanide	CN-WATER-MUR	1	ND	mg/L	.02	04/26/11	04/27/11

Lab#: AC58547-002 | Project Number: 1042016
Matrix: Aqueous | Received Date: 4/20/2011
Client SampleID: SW-2 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**21**	**mg/L**	**1.0**	04/28/11	04/29/11
Cyanide	CN-WATER-MUR	1	ND	mg/L	.02	04/26/11	04/27/11

Lab#: AC58547-003 | Project Number: 1042016
Matrix: Aqueous | Received Date: 4/20/2011
Client SampleID: SW-3 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**5**	**59**	**mg/L**	**5.0**	04/28/11	05/02/11
Cyanide	CN-WATER-MUR	1	ND	mg/L	.02	04/26/11	04/27/11

Lab#: AC58547-004 | Project Number: 1042016
Matrix: Aqueous | Received Date: 4/20/2011
Client SampleID: SW-4 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**24**	**mg/L**	**1.0**	04/28/11	04/29/11
Cyanide	CN-WATER-MUR	1	ND	mg/L	.02	04/26/11	04/27/11

Lab#: AC58547-005 | Project Number: 1042016
Matrix: Soil | Received Date: 4/20/2011
Client SampleID: SD-1 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	**1**	**280**	**mg/Kg**	**200**	05/04/11	05/05/11
Cyanide	CN-S-9012	1	ND	mg/kg	0.98	04/28/11	04/29/11

Lab#: AC58547-006 | Project Number: 1042016
Matrix: Soil | Received Date: 4/20/2011
Client SampleID: SD-2 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	**1**	**1200**	**mg/Kg**	**830**	05/04/11	05/05/11
Cyanide	CN-S-9012	1	ND	mg/kg	4.17	04/28/11	04/29/11

Lab#: AC58547-007 | Project Number: 1042016
Matrix: Soil | Received Date: 4/20/2011
Client SampleID: SD-3 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	**1**	**230**	**mg/Kg**	**140**	05/04/11	05/05/11
Cyanide	CN-S-9012	1	ND	mg/kg	0.68	04/28/11	04/29/11

Lab#: AC58547-008 | Project Number: 1042016
Matrix: Soil | Received Date: 4/20/2011
Client SampleID: SD-4 | Collect Date: 4/19/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICS	**1**	**290**	**mg/Kg**	**190**	05/04/11	05/05/11
Cyanide	CN-S-9012	**1**	**1.2**	**mg/kg**	**0.93**	04/28/11	04/29/11

VERITECH Wet Chem Form1 Analysis Summary

Lab#: AC58547-009
Matrix Aqueous
Client SampleID: FB-1

Project Number: 1042016
Received Date: 4/20/2011
Collect Date: 4/20/2011

Analysis	TestGroup	Dilution:	Result	Units:	RL	Prep Date:	Analysis Date:
Chloride	CHLORIDE-ICW	**1**	**1.1**	**mg/L**	**1.0**	04/28/11	04/29/11
Cyanide	CN-WATER-MUR	1	ND	mg/L	.02	04/26/11	04/27/11

TCN
Soil

5/5/2011

TCN SOIL		Date	4/29/2011							
STD ppm			Height							
0.00			-82		Intercept	Constant	400.4723841			
0.02			5089		Slope	X Coefficients	237875.472			
0.10			24104							
0.40			96797							
0.80			190090							

STD ppm			Height		PPM	DIFF				
0.00			-82		-0.002029316	0.002029316				
0.02			5089		0.019711728	0.000288272				
0.10			24104							
0.40			96797		0.405241002	-0.005241002				
0.80			190090		0.797431009	0.002568991				

SUMMARY OUTPUT										
Regression Statistics										
Multiple R	0.999965999									
R Square	0.999932									
Adjusted R Square	0.999898									
Standard Error	0.0057519									
Observations	4									
ANOVA										
	df	*SS*	*MS*	*F*	*Significance F*					
Regression	1	0.973004661	0.973004661	29409.81216	3.40005E-05					
Residual	2	6.61687E-05	3.30844E-05							
Total	3	0.97307083								
	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*		
Intercept	-0.001846774	0.004099876	-0.450446306	0.696509254	-0.019487131	0.015793583	-0.019487131	0.015793583		
X Variable 1	1.565927419	0.009131151	171.4928925	3.40005E-05	1.526639222	1.605215617	1.526639222	1.605215617		

Samples #	Height	PPM	Solid Factor	Sample wt	Dilution Factor	Scrub vol(mL)	TCN (ppm)	True Value(ppm)	% REC	QC Limits (%)
ICV	96441	0.4037429	1	1	1	1	0.40374	0.40	100.9	90-110
LCS	91075	0.3811849	1	2	1	50	9.52962	10.00	95.3	90-110
CCV	96251	0.4029441	1	1	1	1	0.40294	0.40	100.7	90-110
CCV	95274	0.3988369	1	1	1	1	0.39884	0.40	99.7	90-110

Analysis	CN SOIL 9012									
Batch#	655				Value	Result	% REC	QC Limits (%)		
					PPM	PPM				
Prep Date	4/28/2011									
Prep By	JS			LCS	10.00	9.50	95	90-110		
Analysis Date	4/29/2011			MS	19.60	16.00	82	75-125		
Analyzed By	HS			MSD	19.60	21.60	110	75-125		
				Sample						
						RPD	5	20		

Samples #	Height	PPM	Solid Factor	Sample wt(g)	Dilution Factor	Scrub vol(ml)	TCN (ppm)	RL		
ICV	96441	0.403742	1.00	1	1	1	0.4	0.02		
ICB	-37	-0.001838	1.00	1	1	1	ND	0.02		
MB	1408	0.004234	1.00	2	1	50	ND	0.50		
LCS	91075	0.381187	1.00	2	1	50	9.5	0.50		
AC58547-005	4638	0.017816	0.51	2	1	50	ND	0.98		
AC58547-005MS	77951	0.326014	0.51	2	1	50	16.0	0.98		
AC58547-005MSD	105017	0.439797	0.51	2	1	50	21.6	0.98		
AC58547-006	3081	0.011268	0.12	2	1	50	ND	4.17		
AC58547-007	249	0.000636	0.73	2	1	50	ND	0.68		
AC58547-008	6416	0.02529	0.54	2	1	50	1.2	0.93		
AC58551-005	4780	0.018409	0.88	2	1	50	ND	0.57		
AC58551-006	5648	0.022061	0.88	2	1	50	0.6	0.57		
CCV	96251	0.402944	1.00	1	1	1	0.4	0.02		
CCB	-72	-0.001987	1.00	1	1	1	ND	0.02		
AC58585-001	39457	0.164187	0.88	2	1	50	4.7	0.57		
CCV	61070	0.398836	1.00	1	1	1	0.4	0.02		
CCB		0.001292	1.00	1	1	1	ND	0.02		

Cyanide
Water

Analysis	Cyanide Water (Total)			Q.C. DATA								
Batch#	286				Theoretical							
					Value	Result	% REC	Limits (%)				
Prep Date	4/26/2011				PPM	PPM						
Prep By	JB											
Analysis Date	4/27/2011	4/28/2011		LCS	0.40	0.399	100	75-125				
Analyzed By	hs			MS	0.40	0.409	100	75-125				
				MSD	0.40	0.408	100	75-125				
				Sample		0.008						
					MS	0.409	RPD					
					MSD	0.408	0	20				

Samples #		PPM	Solid Factor	Sample vol	Dilution Factor	Scrub. vol(L)	TCN (ppm)	RL	%Rec	Date		
ICV		0.376924	1	50	1	50	0.377	0.02	94	4/27/2011		
ICB		0.007873	1	50	1	50	ND	0.02		4/27/2011		
MB		0.007262	1	50	1	50	ND	0.02		4/27/2011		
LCS		0.399336	1	50	1	50	0.399	0.02		4/27/2011		
AC58547-01		0.007840	1	50	1	50	ND	0.02		4/27/2011		
AC58547-002		0.007500	1	50	1	50	ND	0.02		4/27/2011		
AC58547-002MS		0.408514	1	50	1	50	0.409	0.02		4/27/2011		
AC58547-003		0.014749	1	50	1	50	ND	0.02		4/27/2011		
AC58547-004		0.014314	1	50	1	50	ND	0.02		4/27/2011		
AC58547-009		0.006339	1	50	1	50	ND	0.02		4/27/2011		
AC58548-001		0.006244	1	50	1	50	ND	0.02		4/27/2011		
CCV		0.381453	1	50	1	50	0.381	0.02	95	4/27/2011		
CCB		0.007898	1	50	1	50	ND	0.02		4/27/2011		
AC58548-003		0.008509	1	50	1	50	ND	0.02		4/27/2011		
AC58548-005		0.019620	1	50	1	50	0.020	0.02		4/27/2011		
AC58548-007		0.020369	1	50	1	50	0.020	0.02		4/27/2011		
AC58548-009		0.007026	1	50	1	50	ND	0.02		4/27/2011		
CCV		0.392466	1	50	1	50	0.392	0.02	98	4/27/2011		
CCB		0.009262	1	50	1	50	ND	0.02		4/27/2011		
CCV		0.413238	1	50	1	50	0.413	0.02	103	4/28/2011		
CCB		0.002807	1	50	1	50	ND	0.02		4/28/2011		
AC58547-002MSD		0.407613	1	50	1	50	0.408	0.02		4/28/2011		
CCV		0.409436	1	50	1	50	0.409	0.02	102	4/28/2011		
CCB		0.003283	1	50	1	50	ND	0.02		4/28/2011		

OK 5/4/11

Blank Summary

Instrument: IC1

Qc Type: Method Blank Summary Prep Date: 4/28/11

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
201104282044	4/29/11 00:47	MBW-0320	9	Chloride	ND	1.0
201105041741	5/5/11 00:47	MBS-0152	15	Chloride	ND	100

Qc Type: ICB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
201104282044	4/29/11 00:17	ICB	8	Chloride	ND	1.0
201105021359	5/2/11 17:32	ICB	8	Chloride	ND	1.0
201105041741	5/4/11 21:14	ICB	8	Chloride	ND	1.0

Qc Type: CCB Summary Prep Date: NA

Run Batch ID	Analysis Date/Time	Sample ID	Run#	Analyte	Conc	RL
201104282044	4/29/11 06:22	CCB	20	Chloride	ND	1.0
201105021359	5/2/11 23:36	CCB	20	Chloride	ND	1.0
201105041741	5/5/11 03:19	CCB	20	Chloride	ND	1.0
201105041741	5/5/11 06:52	CCB	27	Chloride	ND	1.0

MS/MSD Recovery

Prep Batch: S-147 Sample ID: AC58547-005
Method: EPA 9056 Matrix Soil

Qc Type: MS		Limits			MS	Sample			MS/MSD			Non Spike		
Analyte	Amt	Recov		Dil	Conc	Conc	Recov	Flag	Batch	RunID	Analysis Date	Batch	RunID	Analysis Date
Chloride	5	80-120		1	5.2264	1.4266	76	Ms	20110504174	18	05/05/11 02:18	20110504174	17	05/05/11 01:48

Qc Type: MSD		Limits			MSD	Sample				MS/MSD			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	5.2797	1.4266	77	1	Ms	20110504174	21	05/05/11 03:50	20110504174	17	05/05/11 01:48

Prep Batch: W-408 Sample ID: AC58547-001
Method: 300.0 rev2.1 Matrix Aqueous

Qc Type: MS		Limits		MS	Sample			MS/MSD			Non Spike		
Analyte	Amt	Recov	Dil	Conc	Conc	Recov	Flag	Batch	RunID	Analysis Date	Batch	RunID	Analysis Date
Chloride	5	80-120	1	13.3001	8.8619	89		20110428204	12	04/29/11 02:19	20110428204	11	04/29/11 01:48

Qc Type: MSD		Limits			MSD	Sample				MS/MSD			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	13.2347	8.8619	87	0.5		20110428204	13	04/29/11 02:49	20110428204	11	04/29/11 01:48

GROUNDWATER SAMPLING LOG

Site Name: Harrison Landfill
Site Location: Harrison Subresidency, Harrison, NY
Date: 4/20/11
Well/Sampling Point ID: PC-1
Well Diameter: 2"
Weather: Overcast, 60-65^{O}F
Purge Method: Whale Pump
Purge Start Time: 12:50
Purge End Time: 2:15
Well Casing Condition: Lock rusted; needed to saw casing to access well

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gal/ft):
1.2	16.73	15.53	2.5

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	7.85	9.5	0.591	17.31	257	79
3	7.67	9.6	0.574	17.17	50	90
5	7.56	9.4	0.578	17.22	46	88
8	7.51	9.4	0.578	16.0	39	91
10	7.51	9.5	0.580	16.23	15	97
20	7.52	9.5	0.591	16.57	5.6	105

Groundwater Sampling Data

SAMPLED BY:
Kimberly Somers, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	2:15	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: 4/19/11
Purge Method: Whale Pump
Purge Start Time: 11:30
Purge End Time: 12:43
Well Casing Condition: Good; locked

Well/Sampling Point ID: PC-2
Well Diameter: 2"
Weather: Overcast, 60-65^{O}F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gal/ft):
2.0	9.5	7.5	1.2

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	6.18	9.35	0.647	4.46	16.8	-85
1	6.45	7.98	0.799	9.65	4.6	-113
2	6.40	8.12	0.830	3.32	24.4	-111
6	6.45	8.59	0.836	10.13	4.1	-126
10	6.42	8.45	0.833	9.56	3.2	-122

Groundwater Sampling Data

SAMPLED BY:

Kimberly Somers, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	12:43	

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: 4/19/11
Purge Method: Whale Pump
Purge Start Time: 9:33
Purge End Time: 10:15
Well Casing Condition: Good; locked

Well/Sampling Point ID: PC-3
Well Diameter: 2"
Weather: Overcast, 60-65^{O}F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gal/ft):
5.7	18.37	12.67	12.67

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	5.91	8.1	1.31	>19.99	622	97
5	5.33	9.5	0.0	>19.99	55.6	150
10	6.70	7.4	0.529	19.99	7.5	32
15	6.75	7.1	0.519	16.25	0	18
20	6.80	7.2	0.520	18.20	0	7
25	6.89	7.2	0.522	19.47	0	7
30	6.85	7.2	0.516	19.02	0	7
35	6.82	7.2	0.511	18.75	0	19
40	6.82	7.1	0.512	17.84	0	14

Groundwater Sampling Data

SAMPLED BY:

Kimberly Somers, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	10:15	

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: 4/19/11
Purge Method: Whale Pump
Purge Start Time: 2:52
Purge End Time: 3:00
Well Casing Condition: Good; locked

Well/Sampling Point ID: LMW-2
Well Diameter: 2"
Weather: Overcast, 60-65^{O}F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gal/ft):
7.4	20	12.6	2.1

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
0	7.06	9.22	0.727	3.66	39.8	90
5	7.08	9.71	0.758	5.31	201	95

Groundwater Sampling Data

SAMPLED BY:

Kimberly Somers, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	3:00	Dry at 3 gallons purged

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: 4/19/11
Purge Method: Whale Pump
Purge Start Time: 12:45
Purge End Time: 2:30
Well Casing Condition: Good; locked

Well/Sampling Point ID: LMW-4
Well Diameter: 2"
Weather: Overcast, 60-65^{O}F

Water Level & Water Column Height (feet)

Depth to Water (DTW)	Depth to Well Bottom (DTB)	Water Column Height (DTB-DTW)	WELL CAPACITY (gal/ft):
3.4	12	8.6	1.3

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	6.59	8.2	0.883	19.55	22.6	-93
3	6.60	8.5	0.900	16.60	35.7	-95
5	6.70	8.8	0.911	17.34	48.6	-95
8	6.47	8.6	0.763	17.13	44.9	-74
10	6.58	8.4	0.723	17.61	38.3	-59

Groundwater Sampling Data

SAMPLED BY:

Kimberly Somers, Tom LaBanca

SAMPLING METHOD:	SAMPLE COLLECTED AT:	REMARKS:
Dedicated bailer	2:30	Dry at 3 gallons purged; slow recharge

ANALYSIS:

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