

**ENSR**

2 Technology Park Drive, Westford, Massachusetts, 01886-3140  
T 978.589.3000 F 978.589.3100 www.ensr.aecom.com

February 27, 2008

Mr. Joseph Martella II  
Rhode Island Department of Environmental Management  
Office of Waste Management  
235 Promenade Street  
Providence, RI 02908-5767

**RE: Report on Source Area Delineation  
Former Gorham Silver Facility  
Adelaide Avenue  
Providence, RI  
Case No. 97-030**

Dear Mr. Martella:

This report describes investigation the result of investigation activities performed in the vicinity of the tetrachloroethylene (PCE) source area at the above-referenced site (the site). This work had two objectives, to further delineate the extent of residual PCE source material and groundwater impacts and to better evaluate the hydraulic conductivity of the area for use in evaluating future remedial options.

## Study area

The study area for this effort includes the area surrounding a former Building W vapor degreaser and an area to the east-northeast of the former degreaser, where PCE has come to be located in groundwater at concentrations above the site-specific cleanup objective of 7,000 micrograms per liter (ug/L). This area is generally east-northeast of the former site gasoline station.

Previous groundwater remediation activities for this area involved in-situ chemical oxidation (ISCO) using permanganate. The series of ISCO injection programs reduced the area of impacted groundwater, but did not meet the site-specific cleanup objective throughout the entire study area. The extent of PCE concentrations in groundwater, as interpreted prior to the subject investigation is depicted in **Figure 1**.

The subsurface in the study area is characterized by sand with areas of sand and gravel to the depth of the water table (approximately 25 feet below ground surface [bgs]). The aquifer below the water table is characterized by a mixture of sand, silty sand, and sandy silt to a depth of between 45 and over 60 feet bgs, where a dense till material, consisting of silt, sand and little clay and fine gravel is encountered. During 2006 site investigation activities, residual source material was encountered beneath the former vapor degreaser location.

## Investigation activities

The following sections describe the course of investigation activities performed in the study area between October 2007 and January 2008. The activities described encompass four separate drilling mobilizations. Prior to each such mobilization, DigSafe was contacted to mark out subsurface utilities. Only following a review of utility markings and site utility locations and establishment of safe clearance distances were drilling activities commenced.

J. Martella  
February 27, 2008  
Page 2

### **Piezometer installation and soil sampling**

On October 13, 2007, ENSR supervised the installation of piezometers PZ-300 and PZ-301, and on November 10, 2007, ENSR supervised the installation of piezometers PZ-302 and PZ-303 (see **Figure 1**). The purpose of piezometers installation was to obtain soil characterization data (i.e., geologic description, grain size distribution, and field screening data) for use in selection and design of remediation technologies.

Prior to piezometers installation, soil borings were drilled approximately three feet into the till by New England Geotech (Jamestown, Rhode Island), using a Geoprobe® 6600 direct-push drilling rig. Soil samples were collected continuously from the water table to the bottom of the boring in 1.5-inch diameter Macrocore samplers. Soils were logged for geologic description and screened every one to two feet for volatile organic vapors using a MiniRae® photoionization detector (PID), equipped with a 10.2 electron-volt (ev) lamp. Geologic descriptions and field screening data are presented in boring logs in **Appendix A**. Soil samples from each boring were retained until drilling was complete, and representative samples were selected to characterize the grain-size distribution of the selected screen interval and, in some cases, other geologic layers of interest. Samples for grain-size analysis were submitted to Spectrum Analytical Laboratories (Spectrum - Agawam, Massachusetts).

Following completion of the soil borings and selection of the screen interval, a 3-inch diameter casing was driven to the desired depth at each location and the piezometers were installed. Piezometers were constructed of 1-inch inside-diameter Schedule 40 polyvinylchloride (PVC) with two-foot long, pre-packed well screens positioned to intercept the geologic material most consistent with the deep aquifer above the till.

Piezometer PZ-300 was completed with a No. 2 sand to fill the annulus around the pre-packed well screen and bentonite chips were placed to seal off the well from the remaining aquifer. However, the bentonite bridged in the casing and was removed from the formation when the casing was withdrawn. Thus, the boring for piezometers PZ-300 and later PZ-301 were allowed to collapse around the well riser, above the sand pack surrounding the pre-packed well screens.

Piezometer PZ-302 was completed with a No. 2 sand to fill the annulus around the pre-packed well screen and a bentonite slurry was pumped into the casing to seal off the well from the remaining aquifer. This same approach was employed at piezometer PZ-303. However, the sand and residual bentonite slurry bridged in the casing, and thus, the boring for piezometer PZ-303 was allowed to collapse around the well riser, above the sand pack surrounding the pre-packed well screen.

Piezometers were cemented into place inside protective 5-inch diameter, flush-mount roadboxes. Soil cuttings from the drilling program were containerized in a 55-gallon drum and staged on site for proper disposal.

On October 14, 2007, ENSR developed piezometers PZ-300 and PZ-301, and on November 12, 2007, ENSR developed piezometers PZ-302 and PZ-303. Piezometers were developed by simultaneously surging and pumping with a Watterra® foot valve and high-density polyethylene (HDPE) tubing. The piezometers were pumped until the purge water became visibly clear or until 10 well volumes had been removed from the piezometer. Purge water was containerized on-site in a 55-gallon drum with the drill cuttings pending analysis and disposal.

Based on the elevated headspace readings obtained from soil samples during installation of piezometers PZ-300 and PZ-301, groundwater samples were collected immediately following the completion of well development. These groundwater samples, collected from a recently disturbed

J. Martella  
February 27, 2008  
Page 3

aquifer, are considered screening samples, but were collected to inform the course of subsequent characterization activities in the area. The groundwater samples were submitted to Spectrum for analysis of chlorinated volatile organic compounds (VOCs).

### Groundwater profiling

On December 12 and 13, 2007, ENSR supervised the drilling of soil borings SB-304 through SB-307 and by collection of groundwater samples at regular intervals between the water table and the till at the base of the aquifer at the borings. Soil borings were drilled by Technical Drilling Services (TDS - Sterling, Massachusetts), using a Geoprobe® 6620DT direct-push drilling rig. The purpose of these groundwater profiling activities was to assess the eastern and northeastern extent of dissolved PCE concentrations above the cleanup objective in the study area. Groundwater profiling locations are depicted in **Figure 1**.

Groundwater samples were collected at 10-foot intervals from a depth of 30 to 60 feet bgs. At soil boring SB-307, groundwater samples were only collected to a depth of 40 feet bgs, due to a breakdown of the drilling rig. Samples were collected by advancing a using a Geoprobe® Screen Point groundwater sampler tool inside 1.5-inch diameter drill rods to the bottom of the target sampling interval and withdrawing the casing to expose a three-foot section of screen. Groundwater samples were then collected using a peristaltic pump and LDPE tubing. Samples were packed on ice and shipped under Chain-of-Custody to Spectrum Analytical for laboratory analysis. The results of this profiling are presented in Table 2. These results were used to establish subsequent permanent monitoring well location, described below.

### Monitoring well installation and sampling

On December 27, 2007, ENSR supervised TDS in the installation of monitoring wells MW-308 and MW-309D to delineate the eastern extent of dissolved PCE in the study area. The location and depth of these wells was selected to be downgradient of the highest chlorinated VOC concentrations detected at groundwater profiling locations SB-304 through SB-306 (see Table 2). Therefore, shallow monitoring well MW-308 was installed downgradient of soil boring SB-304 (where shallow PCE impacts were detected during groundwater profiling), and a deep monitoring well MW-309D was installed downgradient of soil borings SB-305 and SB-306 (where deeper PCE and TCE impacts were detected). Monitoring well locations are depicted in **Figure 1**.

Monitoring wells were installed by TDS using a Geoprobe 6620DT direct-push drill rig, which was used to advance three-inch diameter casing to the desired depth, constructing a well inside it, and withdrawing the casing from the ground. Monitoring well MW-308 was installed to a depth of 40 feet bgs, and monitoring well MW-309D was installed to a depth of 57 feet bgs. Both wells were completed with one-inch diameter, 10-foot-long well screens and Schedule 40 PVC riser. The annulus around the well screens was filled with No. 2 sand to a depth approximately three feet above the top of the well screen, and the remainder of the annulus up to above the water table was filled with a bentonite slurry grout. Monitoring wells were cemented into place inside protective 6-inch diameter, flush-mount road boxes. Well construction diagrams are presented in **Appendix A**. No drill cuttings were generated during well installation.

On January 11, 2008, ENSR developed monitoring wells MW-308 and MW-309D by simultaneously surging and pumping with a Watterra® foot valve and high-density polyethylene (HDPE) tubing. The wells were pumped until the purge water became visibly clear. Purge water was containerized on-site in a 55-gallon drum pending analysis and disposal.

J. Martella  
February 27, 2008  
Page 4

On January 21, 2008, ENSR collected groundwater samples from monitoring wells MW-308 and MW-309D. Samples were collected using a peristaltic pump, following a low-flow sampling methodology. Prior to sampling, the depth to water in the well was gauged and a pumping rate was selected that maintained a minimal stable drawdown in the well. Purge water was tested for temperature, pH, specific conductivity, dissolved oxygen, and oxidation reduction potential in a flow-through cell, using a YSI 600XL. When these parameters had stabilized to within acceptable ranges of variability, a groundwater sample was collected directly from the peristaltic pump. Under low-flow sampling methods, field parameter stabilization is considered an indication that groundwater is being withdrawn from the aquifer around the well, rather than from the water column within the well and thus, samples collected after stabilization are considered representative of aquifer conditions. Stabilization was determined to have occurred when the field parameters varied no more than the following limits for three consecutive readings, each taken at three to five minute intervals:

- temperature = +/- 0.1 degrees Celsius;
- pH = +/- 0.1 standard units;
- specific conductivity = +/- 3%;
- dissolved oxygen = +/- 10%; and
- oxidation-reduction potential = +/- 10%.

Groundwater samples were acidified, stored on ice, and shipped under Chain-of-Custody to Spectrum for analysis of chlorinated VOCs.

### **Aquifer slug testing and analysis**

On January 21, 2008, ENSR performed in-situ rising-head permeability tests (slug tests) at piezometers PZ-300, PZ-301, and PZ-302. Piezometer PZ-303 could not be slug tested due to the presence of a four-foot deep pile of ice and refrozen snow. Pneumatic slug testing was performed using pressurized air to depress the water table and water level recovery was monitored using a Minitroll® downhole data-logging pressure transducer. Pneumatic slug testing was chosen for this site, due to the anticipated high permeability of the aquifer, because it does not produce oscillation of the water levels in the well, as may occur when solid slugs are lowered below or removed from below the water table.

Prior to slug testing, the piezometers were fitted with threaded HDPE couplings to allow a temporary air-tight seal between the piezometer and the slug testing apparatus. A picture of the slug testing apparatus is presented in **Figure 2**. The pneumatic slug-testing apparatus was threaded to the piezometers, using plumbers tape to make an air-tight seal, and the pressure transducer was lowered into the well through the apparatus, which was sealed around the transducer data cable by a compression fitting. Air was introduced into the well using a bicycle pump and pressure in the well was monitored with the pressure gauge, until water levels were observed to have equilibrated by the downhole pressure transducer. At this time, air pressure was relieved through the pressure-relief valve, and water level recovery was monitored by the pressure transducer. Two to three slug tests were performed at each piezometer.

The results were uploaded to a personal computer for graphical analysis. Slug test data analysis was performed by an ENSR hydrogeologist using AQTESOLV, an industry-standard aquifer test analysis software package. Analysis of the slug tests utilized the Bouwer and Rice (1976) method, an analytical method designed for partially-penetrating well screens in unconfined aquifer, such as the piezometers at the site. Curve matching was performed manually, based on the hydrogeologist interpretation of the test, following automatic curve matching by AQTESOLV. Due to the quality of the pneumatic slug test data, these methods were essentially equivalent.

J. Martella  
February 27, 2008  
Page 5

## Investigation results

The following sections present the results of the investigation activities described above.

### Characterization of site geology and hydrogeology

Soil boring logs indicate predominantly sand in the subsurface in the study area with occasional thin layers of predominantly silt. Silt content of the sand units was typically below 15%. Boring logs are presented in **Appendix A**, and grain-size analysis results are presented in **Appendix B**. Grain-size analysis soil samples PZ-300, PZ-301, and PZ-303B are from the same geologic material in which those piezometers were screened. Soil sample PZ-302 was collected from top of the till just below the piezometer PZ-302 screen interval, and soil sample PZ-303A was collected from a two-foot thick silt layer above the piezometer PZ-303 screen interval.

Aside from the two-foot silt layer encountered in soil boring PZ-303, the only silt layer of greater than one-foot thickness encountered above the till was observed between 63 and 65 feet bgs at piezometer PZ-300.

Slug testing results agreed with geologic observations and grain-size analyses, indicating a generally permeable formation with an average hydraulic conductivity of approximately  $2.7 \times 10^{-2}$  centimeters per second (77 feet per day). Slug test analysis outputs are presented in **Appendix C**, and a summary of results is compiled in **Table 1**.

### Field screening data

Field screening data indicated the presence of VOCs throughout much of the soil column in soil borings PZ-300, PZ-301, and PZ-303. At soil boring PZ-302, headspace readings were generally lower. Absolute readings between borings PZ-300 and PZ-301, which were drilled in October, and boring PZ-302 and PZ-303, which were drilled in November, should not be made, as the PIDs behaved markedly differently. Despite successful calibration and calibration check standards for the October drilling program, data were atypically high at these two borings, suggesting a different response of the PID to chlorinated VOCs relative to that observed in November and during previous drilling programs. Nevertheless, it can be seen from the soil borings (see **Appendix A**), that VOCs are likely present in the following depth intervals at the piezometer soil borings:

- PZ-300 between 32 and 54 feet bgs and between 61 and 65 feet bgs;
- PZ-301 between 30 and 63 feet bgs;
- PZ-302 little impact, low level response around 40 feet bgs;
- PZ-303 between 38 and 47 feet bgs (no sampling was performed above 35 feet bgs).

In each case, apparent VOC impacts declined quickly in the till at the base of the aquifer, consistent with previous site data. Piezometer PZ-303 was installed adjacent to monitoring well MW-210. The pattern of deep aquifer impacts is generally consistent with that observed at MW-210 (39 to 50 feet bgs). Given the presence of residual source material observed at MW-310, the relatively low headspace readings at soil boring PZ-303 provides some of the rationale for evaluating the October and November field screening data differently.

### Groundwater sample data

A summary of groundwater analytical results obtained during this investigation is presented in **Table 2**, and analytical reports are presented in **Appendix C**. The results from the screening samples collected

J. Martella  
February 27, 2008  
Page 6

from the just-developed piezometers, PZ-300 and PZ-301, indicated that PCE concentrations were well below the site-specific cleanup objective. However, given the short screen interval of these wells and the fact that they had just been pumped heavily, possibly resulting in volatilization of VOCs during recharge and potentially drawing groundwater from areas at some distance from the well screen, groundwater profiling downgradient of them was still deemed desirable, because of the high PID response obtained from soil samples.

Groundwater profiling data indicated PCE impacts throughout the water column at soil borings SB-304 and SB-305. However, PCE concentrations only exceeded the site-specific cleanup objective in the groundwater samples collected between 37 and 40 feet in soil boring SB-304 and between 47 and 50 feet in soil boring SB-306. In addition, TCE was detected at a concentration of 7,930 ug/L in the groundwater sample collected between 57 and 60 feet bgs in soil boring SB-305. The very low concentrations of PCE detected in the shallow samples collected from soil boring SB-307 suggest an absence of PCE impacts in that area, and therefore further sampling at depth was not considered necessary, after the drilling rig breakdown, particularly given the low concentrations detected at the MW-204 monitoring well cluster, which is located a similar distance north-northwest of the heart of the PCE plume.

PCE concentrations in groundwater samples collected from MW-308 and MW-309D were two to three orders of magnitude below the site-specific cleanup objective, suggesting that dissolved chlorinated VOC concentrations above cleanup objectives do not currently extend that far to the east. PCE concentrations detected in groundwater samples from the new wells, piezometers, and groundwater grab samples are depicted on **Figure 3**.

## Conclusions

Based on the subject investigation activities, the following conclusions have been reached.

- It was confirmed that the permeability of the study area is greater than  $10^{-2}$  cm/sec consistent with previous site data.
- Dissolved PCE concentrations above the site-specific clean-up objective extend slightly further east than previously believed. This area of elevated PCE concentrations is delineated by the data from monitoring wells MW-308 and MW-309D.
- Dissolved PCE concentrations above the site-specific clean-up objective do not extend further north than previously believed.

If you have any questions regarding this report or the data obtained during this investigation, please contact Patrick Haskell at ENSR or Greg Simpson at Textron.

Sincerely yours,



Patrick Haskell, CHMM  
Senior Project Manager



Daniel M. Groher, P.E.  
Principal Remediation Specialist

J. Martella  
February 27, 2008  
Page 7

**Attachments**

Figure 1 – Investigation locations

Figure 2 – Slug test apparatus

Figure 3 – PCE concentration 10/2007 – 1/2008

Table 1 – Summary of aquifer slug test results

Table 2 – Summary of groundwater analytical results – October 2007 to January 2008

Appendix A – Soil boring logs and monitoring well construction diagrams

Appendix B – Slug test analysis graphical results

Appendix C – Laboratory reports

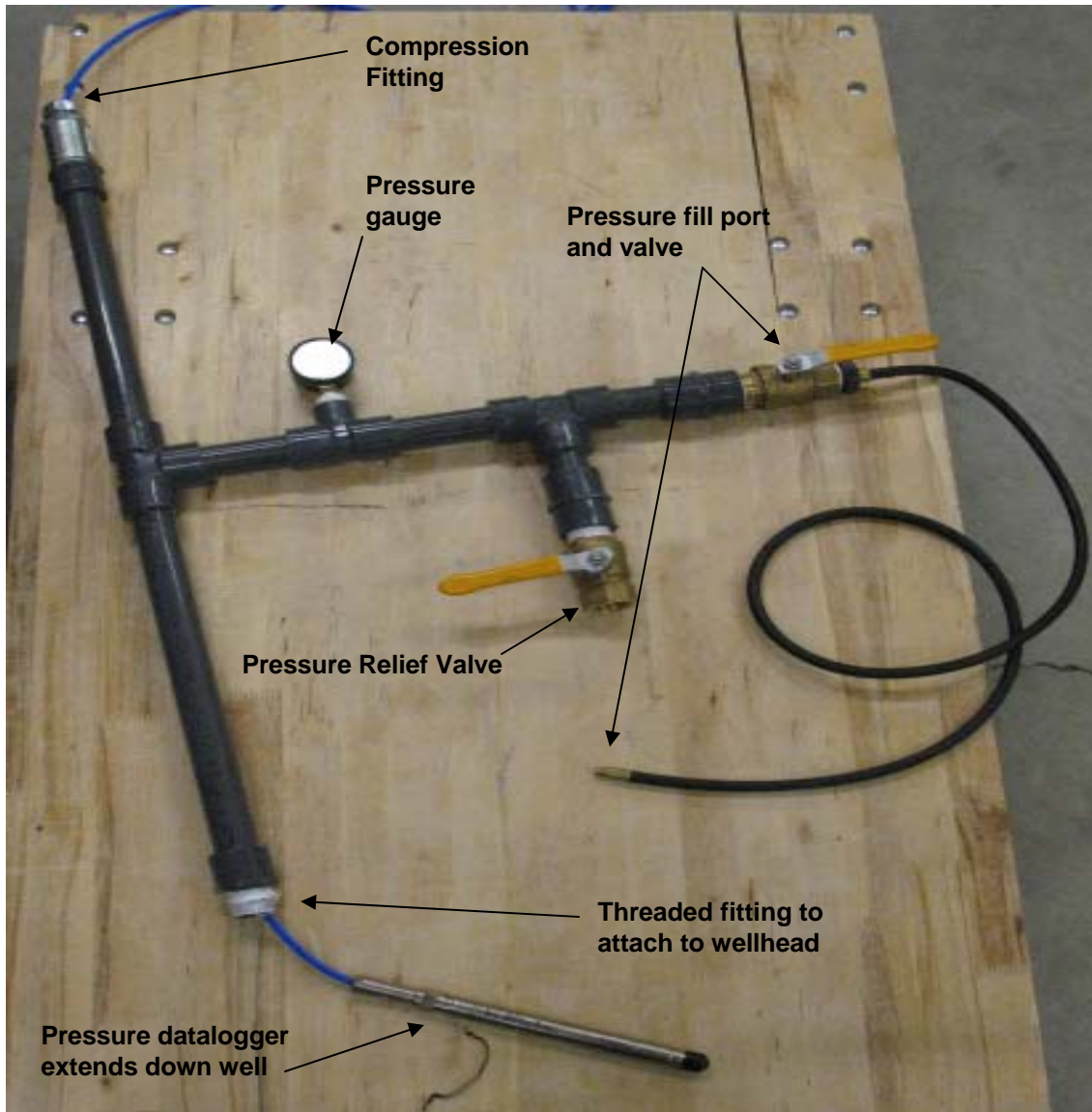
cc: Greg Simpson, Textron

# Figures





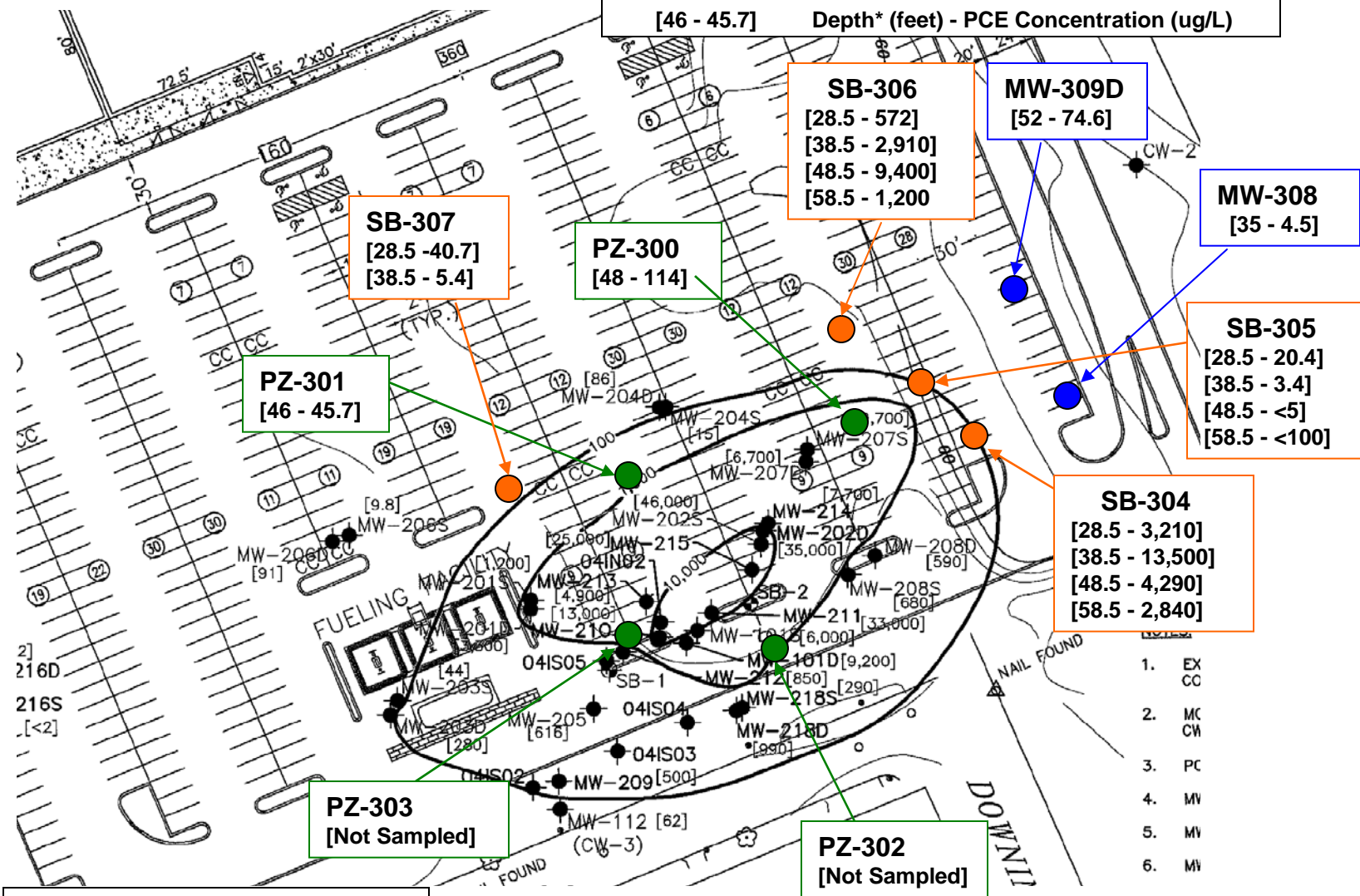
**Figure 2**  
**Slug Test Apparatus**  
**Former Gorham Silver Site**  
**Providence, Rhode Island**



**Figure 3**  
**PCE Concentration (10/2007 – 12/2008)**  
**Former Gorham Silver Site**  
**Providence, Rhode Island**

**Legend**

<span style="color: green;">●</span>	New piezometers
<span style="color: orange;">●</span>	Groundwater profiling locations
<span style="color: blue;">●</span>	New monitoring wells
[46 - 45.7]	Depth* (feet) - PCE Concentration (ug/L)



\* Depth at midpoint of sampling interval.

# Tables

**Table 1**  
**Summary of Aquifer Slug Test Results**  
**Former Gorham Silver Company**  
**Providence, Rhode Island**

Monitoring Well	Hydraulic Conductivity (cm/sec)			
	Test 1	Test 2	Test 3	Average
PZ-300	6.7E-02	6.7E-02	NA	6.7E-02
PZ-301	1.0E-02	9.1E-03	8.1E-03	9.1E-03
PZ-302	3.4E-02	3.2E-02	3.2E-02	3.3E-02
<b>Average</b>				<b>2.7E-02</b>
Notes:				
cm/sec = Centimeters per second.				
Average of tests at single well calculated as arithmetic mean.				
Average of different wells calculated as geometric mean.				

**Table 2**  
**Summary of Groundwater Analytical Results - October 2007 to January 2008**  
**Former Gorham Silver Facility**  
**Providence, Rhode Island**

CHEMICAL NAME	Sample Location, Depth, Date and Concentration (ug/L)											
	PZ-300		PZ-301		SB-304				SB-305			
	47-49		45-47		27-30		37-40		47-50		57-60	
	10/14/2007		10/14/2007		12/12/2007				12/12/2007			
Chloroform	1 U	1 U	10 U	50 U	25 U	20U	1 U	R	5 U	100 U		
1,1-Dichloroethane	1 U	1 U	10 U	50 U	25 U	20U	<b>5.8</b>	<b>7.8</b>	<b>13.0</b>	100 U		
1,2-Dichloroethane	1 U	1 U	10 U	50 U	25 U	20U	1 U	1 U	5 U	100 U		
1,1-Dichloroethylene	1 U	1 U	10 U	50 U	25 U	20U	1 U	1 U	<b>6.5</b>	100 U		
cis-1,2-Dichloroethylene	1 U	1 U	10 U	50 U	25 U	20U	<b>1.6</b>	<b>3.1</b>	5 U	<b>125</b>		
Tetrachloroethelene	<b>114</b>	<b>45.7</b>	<b>3,210</b>	<b>13,500</b>	<b>4,290</b>	<b>2,840</b>	<b>20.4</b>	<b>3.4</b>	5 U	100 U		
1,1,1-Trichloroethane	1 U	1 U	10 U	50 U	25 U	20U	1 U	<b>10.7</b>	5 U	100 U		
Trichloroethylene	<b>4.7</b>	<b>3.6</b>	<b>16.0</b>	<b>66.5</b>	<b>67.5</b>	<b>118</b>	<b>11.3</b>	<b>19.9</b>	<b>181</b>	<b>7,930</b>		
Trichlorofluoromethane (Freon 11)	1 U	1 U	10 U	50 U	25 U	20U	<b>1.6 J</b>	<b>8.3 J</b>	<b>8.4 J</b>	100 U		

Notes:  
This is a summary table. Only compounds detected in at least one sample are presented.  
Detected compounds presented in **bold text**.  
ug/L = Micrograms per liter, or parts per billion.  
U = Compound not detected at given laboratory reporting limit.  
J = Estimated value.  
R = Data rejected due to compafable concentrations in blank sample (per USEPA data validation guidance).

**Table 2**  
**Summary of Groundwater Analytical Results - October 2007 to January 2008**  
**Former Gorham Silver Facility**  
**Providence, Rhode Island**


<b>CHEMICAL NAME</b>	<b>Sample Location, Depth, Date and Concentration (ug/L)</b>							
	SB-306				SB-307		MW-308	MW-309D
	27-30	37-40	47-50	57-60	27-30	37-40	30-40	47-57
	12/13/2007				12/13/2007		1/21/2008	1/21/2008
Chloroform	5 U	10 U	50 U	10 U	R	R	1 U	<b>2.0</b>
1,1-Dichloroethane	5 U	10 U	50 U	10 U	<b>13.1</b>	<b>9.5</b>	<b>2.8</b>	1 U
1,2-Dichloroethane	5 U	10 U	50 U	10 U	1 U	1 U	1 U	1 U
1,1-Dichloroethylene	5 U	10 U	50 U	10 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethylene	5 U	10 U	50 U	10 U	<b>4.8</b>	<b>3.3</b>	1 U	<b>1.0</b>
Tetrachloroethylene	<b>572</b>	<b>2,910</b>	<b>9,400</b>	<b>1,200</b>	<b>40.7</b>	<b>5.4</b>	<b>1.4</b>	<b>1.2</b>
1,1,1-Trichloroethane	5 U	10 U	50 U	10 U	<b>9.7</b>	<b>8.5</b>	<b>6.6</b>	<b>1.1</b>
Trichloroethylene	<b>81.4</b>	<b>321</b>	<b>2,880</b>	<b>357</b>	<b>17.7</b>	<b>8.0</b>	<b>4.5</b>	<b>74.6</b>
Trichlorofluoromethane (Freon 11)	5 U	10 U	50 U	10 U	<b>5.0 J</b>	<b>6.3 J</b>	2.1	1.9
<p>Notes:</p> <p>This is a summary table. Only compounds detected in at least one sample are presented.</p> <p>Detected compounds presented in <b>bold text</b>.</p> <p>ug/L = Micrograms per liter, or parts per billion.</p> <p>U = Compound not detected at given laboratory reporting limit.</p> <p>J = Estimated value.</p> <p>R = Data rejected due to comparable concentrations in blank sample (per USEPA data validation guidance).</p>								

## **Appendix A**

### **Soil boring logs and monitoring well construction diagrams**







		Client: <i>Textron - Former Gorham Silver</i>				<b>BORING ID: PZ-300</b>						
		Project Number: <i>06630-235</i>										
		Site Location: <i>333 Adelaide Avenue; Providence, RI</i>				Sheet: <i>2 of 3</i>						
		Coordinates:				Elevation:						
		Drilling Method: <i>Geoprobe</i>				Monitoring Well Installed: <i>Yes</i>						
Sample Type(s): <i>Macrocore</i>				Boring Diameter: <i>1.5-inch</i>				Screened Interval: <i>47-49</i>				
Weather: <i>55F Sunny</i>				Logged By: <i>Pat Haskell</i>		Date/Time Started: <i>10/13/07 0900</i>		Depth of Boring: <i>65 feet</i>				
Drilling Contractor: <i>NE Geotech</i>				Ground Elevation:		Date/Time Finish: <i>10/13/07 1245</i>		Water Level: <i>25.4 feet</i>				
Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>				Lab Sample ID	Lab Sample Depth (Ft.)
41	S4	40-45		35/60	>10,000		Light brown to brown, fine to medium SAND, trace Silt. Gray staining at 40 feet.					
42												
43												
44												
45					3,770	SW	Light brown to brown, fine to coarse SAND, trace Silt.					
46	S5	45-50		24/60	4,182		Brown, medium to fine SAND, trace Silt.					
47												
48												
49					4,408	SP	Brown, fine to medium SAND, little Silt. Gray staining at 47 feet.					
50												
51	S6	50-55		38/60	>10,000		Brown, medium to fine SAND, trace Silt.					
52												
53												
54					>10,000	SW	Brown, fine to coarse SAND, trace silt.					
55							Light brown to gray, fine SAND, little Silt. Silt content increases with depth.					
56	S7	55-60		27/60	441		Gray, fine SAND, some Silt.					
57												
58												
59					409	SW	Gray to brown, fine to coarse SAND, some subrounded Gravel.					
60												
<b>NOTES:</b> TXTP-PZ300S5-SO-101307 collected for grain size analysis.							Date	Time	Depth to groundwater while drilling			
Checked by _____ Date: _____												








		Client: <i>Textron - Former Gorham Silver</i>				<b>BORING ID: PZ-301</b>					
		Project Number: <i>06630-235</i>									
		Site Location: <i>333 Adelaide Avenue; Providence, RI</i>									
		Coordinates:				Elevation:				Sheet: <i>1 of 3</i>	
		Drilling Method: <i>Geoprobe</i>				Monitoring Well Installed: <i>Yes</i>					
Sample Type(s): <i>Macrocore</i>				Boring Diameter: <i>1.5-inch</i>				Screened Interval: <i>45-47</i>			
Weather: <i>70F Mostly Sunny</i>				Logged By: <i>Pat Haskell</i>		Date/Time Started: <i>10/13/07 1215</i>		Depth of Boring: <i>65 feet</i>			
Drilling Contractor: <i>NE Geotech</i>				Ground Elevation:		Date/Time Finish: <i>10/13/07 1645</i>		Water Level: <i>25.4 feet</i>			
Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>			Lab Sample ID	Lab Sample Depth (Ft.)
21							Push rods to 25 feet before sampling				
22											
23											
24											
25											
26	S1	25-30		35/60	800	SP	Tan fine Sand.				
27							Tan to light brown medium to coarse SAND, some Gravel.				
28							Gray to light brown, medium to coarse SAND, little fine Sand and Gravel.				
29					712	SW					
30							Gray to light brown, medium to coarse SAND, some Gravel, little fine Sand.				
31	S2	30-35		36/60	4,586						
32							941				
33							Gray to light brown, fine to medium SAND, little Silt.				
34											
35							8,238				
36	S3	35-40		28/60	>10,000						
37							Gray to light brown, fine to medium SAND, little Silt, trace coarse Sand.				
38							Light brown to gray, coarse to fine SAND, some Gravel.				
39					>10,000	SW					
40											
<b>NOTES:</b>							Date	Time	Depth to groundwater while drilling		
Checked by _____ Date: _____											

		Client: <i>Textron - Former Gorham Silver</i>				<b>BORING ID: PZ-301</b>			
		Project Number: <i>06630-235</i>							
		Site Location: <i>333 Adelaide Avenue; Providence, RI</i>							
		Coordinates:		Elevation:		Sheet: <i>2 of 3</i>			
		Drilling Method: <i>Geoprobe</i>		Monitoring Well Installed: <i>Yes</i>					
Sample Type(s): <i>Macrocore</i>		Boring Diameter: <i>1.5-inch</i>		Screened Interval: <i>45-47</i>					
Weather: <i>65F Partly cloudy.</i>		Logged By: <i>Pat Haskell</i>	Date/Time Started: <i>10/13/07 1315</i>	Depth of Boring: <i>65 feet</i>					
Drilling Contractor: <i>NE Geotech</i>		Ground Elevation:	Date/Time Finish: <i>10/13/07 1645</i>	Water Level: <i>25.4 feet</i>					
Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
41	S4	40-45		37/60	945	SW	Orange to brown, coarse to medium SAND, some Gravel, trace fine Sand.		
42							Gray, fine to medium SAND, little Gravel and coarse Sand.		
43						ML	9,821		
44	Gray, SILT and Sand.								
45				>10,000					
46	S5	45-50		41/60	>10,000		Gray, fine SAND, some Silt.		
47							Gray, fine SAND and Silt.		
48							Gray, fine SAND, some Silt. Black staining at 47 feet.		
49					>10,000				
50							Gray, fine SAND, little Silt.		
51	S6	50-55		34/60	>10,000	SP		TXTP-PZ301S6-SO-101307	
52									
53									
54					>10,000				
55									
56	S7	55-60		30/60	>10,000				
57									
58							Light brown to gray, fine to medium SAND, little Silt, trace coarse Sand.		
59					>10,000				
60									
<b>NOTES:</b> TXTP-PZ301S6-SO-101307 submitted for grain size.							Date	Time	Depth to groundwater while drilling
Checked by _____ Date: _____									

		Client: <i>Textron - Former Gorham Silver</i>					<b>BORING ID: PZ-301</b>				
		Project Number: <i>06630-235</i>									
		Site Location: <i>333 Adelaide Avenue; Providence, RI</i>					Sheet: <i>3 of 3</i>				
		Coordinates:			Elevation:			Monitoring Well Installed: <i>Yes</i>			
		Drilling Method: <i>Geoprobe</i>			Sample Type(s): <i>Macrocore</i>			Boring Diameter: <i>1.5-inch</i>			Screened Interval: <i>45-47</i>
Weather: <i>55F Partly sunny.</i>					Logged By: <i>Pat Haskell</i>		Date/Time Started: <i>10/13/07 1315</i>		Depth of Boring: <i>65 feet</i>		
Drilling Contractor: <i>NE Geotech</i>					Ground Elevation:		Date/Time Finish: <i>10/13/07 1645</i>		Water Level: <i>25.4 feet</i>		
Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>			Lab Sample ID	Lab Sample Depth (Ft.)
61	S8	60-65		35/60	1,592	SW	Light brown, fine to coarse SAND, trace Silt.				
62						ML	Hard, gray SILT, trace fine Sand.				
63						SP	Gray, fine SAND, some Silt.				
64						ML	Hard, olive gray SILT, little Clay, trace fine Sand. (Till.)				
65							End of boring. No refusal.				
66											
67											
68											
69											
70											
71											
72											
73											
74											
75											
76											
77											
78											
79											
80											
<b>NOTES:</b> TXTP-PZ301S6-SO-101307 submitted for grain size.							Date	Time	Depth to groundwater while drilling		
Checked by _____							Date: _____				







Client: *Textron-Former Gorham Silver*

Project Number: *06630-235*

Site Location: *333 Adelaide Avenue; Providence, RI*

Coordinates: \_\_\_\_\_ Elevation: \_\_\_\_\_

Drilling Method: *Geoprobe*

Sample Type(s): *Macrocone*

Boring Diameter: \_\_\_\_\_

**BORING ID: PZ-302**

Sheet: *1 of 2*

Monitoring Well Installed: *yes*

Screened Interval: *41-43*

Weather *3, partly cloudy, windy*

Logged By *P. Haskell*

Date/Time Started: *11/10/07*

Depth of Boring: *50*

Drilling Contractor: *NE Geotech*

Ground Elevation: \_\_\_\_\_

Date/Time Finishec *11/10/07*


Water Level: \_\_\_\_\_

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							Push rods to 25 feet before sampling		
22									
23									
24									
25									
26	S1	25-30		28/60	3.1	SP	Brown to gray medium to fine SAND, little course Sand, trace Silt. Wet.		
27									
28									
29									
30									
31	S2	30-35		32/60	3.1	SP	Brown to gray medium SAND, some fine Sand, little course Sand.		
32									
33									
34									
35									
36	S3	35-40		34/60	0.6	SP	Gray to brown medium SAND, some fine Sand, little course Sand.		
37									
38									
39									
40						SW	Gray to brown course to fine SAND, some Gravel.		
					3.3		2" SILT layer at 39.8'. Non-plaatic.		

**NOTES:**

Date	Time	Depth to groundwater while drilling

Checked by \_\_\_\_\_ Date: \_\_\_\_\_

	Client: <i>Textron-Former Gorham Silver</i>		<b>BORING ID: PZ-302</b>	
	Project Number: <i>06630-235</i>			
	Site Location: <i>333 Adelaide Avenue; Providence, RI</i>			
	Coordinates:	Elevation:		Sheet: <i>2 of 2</i>
	Drilling Method: <i>Geoprobe</i>	Monitoring Well Installed: <i>yes</i>		
Sample Type(s): <i>Macrocone</i>	Boring Diameter:	Screened Interval: <i>41-43</i>		

Weather <i>3, partly cloudy, windy</i>		Logged By <i>P. Haskell</i>	Date/Time Started: <i>11/10/07</i>	Depth of Boring: <i>50</i>
Drilling Contractor: <i>NE Geotech</i>		Ground Elevation:	Date/Time Finishec <i>11/10/07</i>	Water Level:

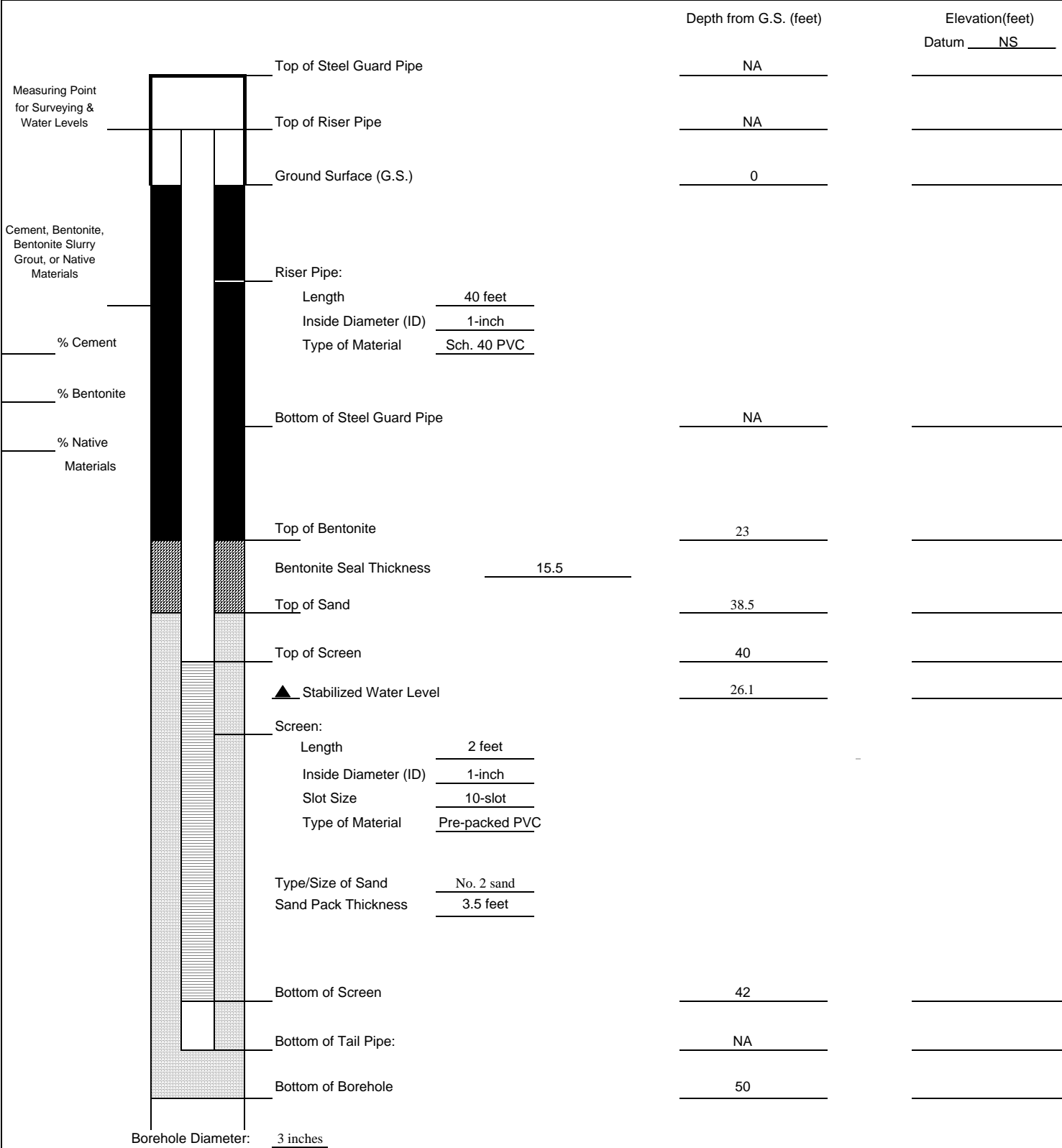
Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
41	S4	40-45		46/60	5.1	SP	Gray to brown medium SAND, some fine Sand.		
42						SW	Brown to gray coarse to fine SAND, little Gravel.		
43						0.3	Brown to gray fine SAND and Silt.		
44	S5	45-50			0.2	ML	Gray SILT, some fine Sand. Non-plastic. Trace Clay, little Gravel.		
45							Dense Till.		
46							0.1		
47					0.1				
48									
49									
50									
51							End of boring.		
52									
53									
54									
55									
56									
57									
58									
59									
60									

<b>NOTES:</b> TXTP-SO-SB302A submitted for grain size analysis.  Checked by _____ Date: _____	Date	Time	Depth to groundwater while drilling



Client:	Textron	WELL ID: PZ-302	
Project Number:	06630-246		
Site Location:	Former Gorham Silver - Providence, RI	Date Installed:	11/10/2007
Well Location:	Coords:	Inspector:	P. Haskell
Method:	Geoprobe	Contractor:	NE Geotech

### MONITORING WELL CONSTRUCTION DETAIL



Describe Measuring Point:

---



<i>Client: Textron-Former Gorham Silver</i>		<b>BORING ID: PZ-303</b>
<i>Project Number: 06630-235</i>		
<i>Site Location: 333 Adelaide Avenue; Providence, RI</i>		
<i>Coordinates:</i>		<i>Elevation:</i>
<i>Drilling Method: Geoprobe</i>		<i>Monitoring Well Installed: yes</i>
<i>Sample Type(s): Macrocone</i>		<i>Boring Diameter:</i>
		<i>Screened Interval: 47-49</i>

<i>Weather 3, partly cloudy, windy</i>		<i>Logged By P. Haskell</i>	<i>Date/Time Started: 11/10/07</i>	<i>Depth of Boring: 55</i>
<i>Drilling Contractor: NE Geotech</i>		<i>Ground Elevation:</i>	<i>Date/Time Finishec 11/10/07</i>	<i>Water Level:</i>

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>	Lab Sample ID	Lab Sample Depth (Ft.)
31							Push rods to 35 feet before sampling.		
32									
33									
34									
35									
36	S1	35-40		35/60	37.6	SP	Gray to brown medium to fine SAND, trace coarse Sand. Orange oxidation 47.5 to 48 feet.		
37									
38									
39									
40					285	ML	Gray SILT and fine Sand, low plasticity	TXTP-SO-SB303A	
41									
42	S2	40-45		30/60		GW	Gray fine SAND and Gravel, little silt. GRAVEL and coarse Sand.		
43									
44									
45									
46	S3	45-50		42/60	151.6	SW	Loose coarse to fine SAND, little fine Sand and Gravel.		
47									
48						GW	Gray fine to medium GRAVEL and Sand		
49									
50						SW	Gray fine coarse SAND, little Silt. 4" Silt and Sand lens at 48'		TXTP-SO-SB303B

**NOTES:** TXTP-SO-SB303A and TXTP-SO-SB303B submitted for grain size analysis.

Date	Time	Depth to groundwater while drilling

Checked by \_\_\_\_\_ Date: \_\_\_\_\_



Client: *Textron-Former Gorham Silver*

Project Number: *06630-235*

Site Location: *333 Adelaide Avenue; Providence, RI*

Coordinates: \_\_\_\_\_ Elevation: \_\_\_\_\_

Drilling Method: *Geoprobe*

Sample Type(s): *Macrocone* Boring Diameter: *2 2/3"*

**BORING ID: PZ-303**

Sheet: *2 of 2*

Monitoring Well Installed: *yes*

Screened Interval: *47-49*

Weather *3, partly cloudy, windy*

Logged By *P. Haskell*

Date/Time Started: *11/10/07*

Depth of Boring: *55*

Drilling Contractor: *NE Geotech*

Ground Elevation: \_\_\_\_\_

Date/Time Finishec *11/10/07*

Water Level: \_\_\_\_\_

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
51							Gray fine SAND and Silt. Dense Till. Low Plasticity.		
52									
53	S4	50-55		42/60		ML			
54							End of Boring at 55 feet.		
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									

NOTES:

Date	Time	Depth to groundwater while drilling

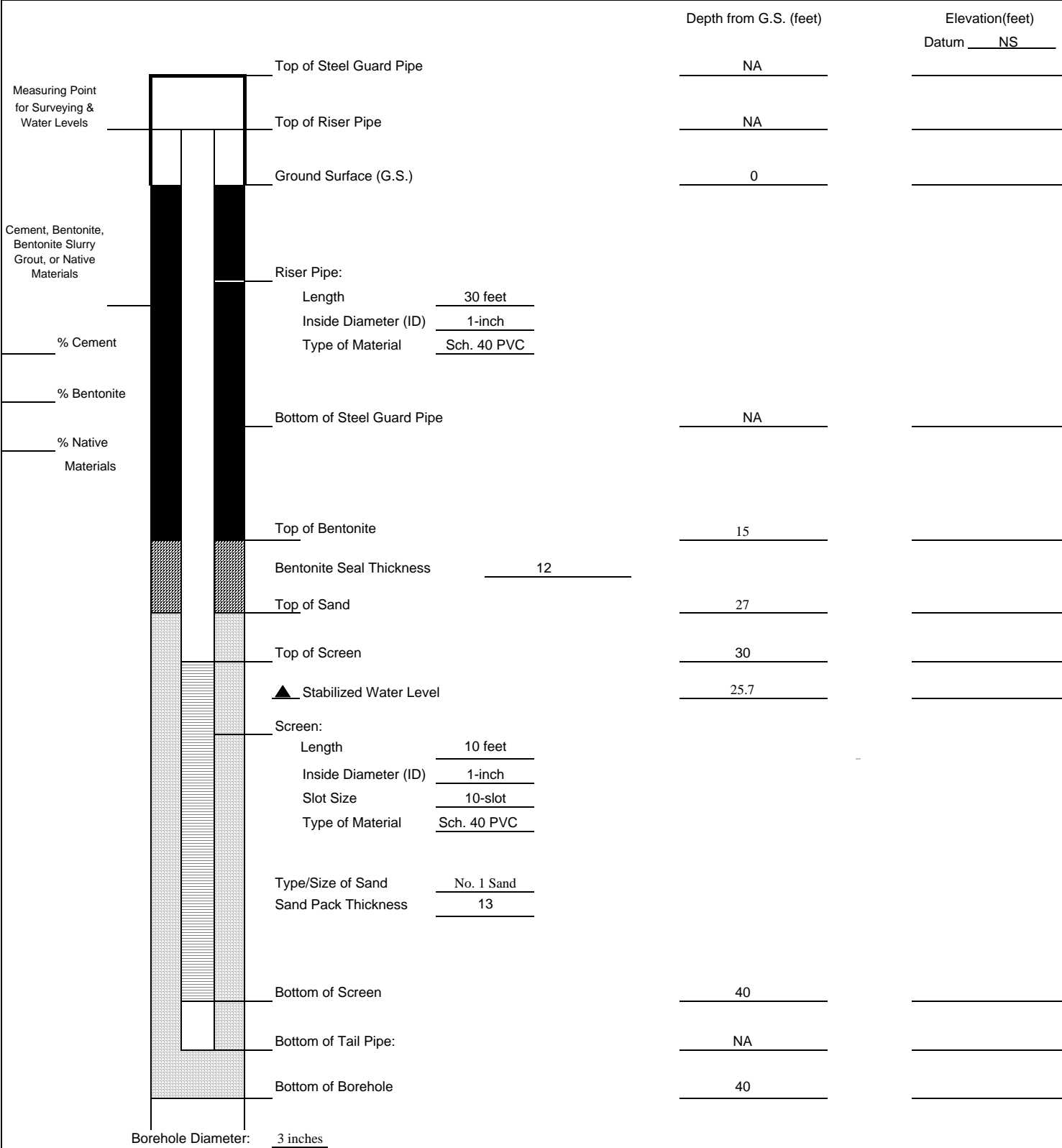
Checked by \_\_\_\_\_ Date: \_\_\_\_\_





Client:	Textron	<b>WELL ID: MW-308</b>	
Project Number:	06630-246		
Site Location:	Former Gorham Silver - Providence, RI	Date Installed:	12/27/2007
Well Location:	Coords:	Inspector:	P. Haskell
Method:	Geoprobe	Contractor:	NTDS

### MONITORING WELL CONSTRUCTION DETAIL



Describe Measuring Point:

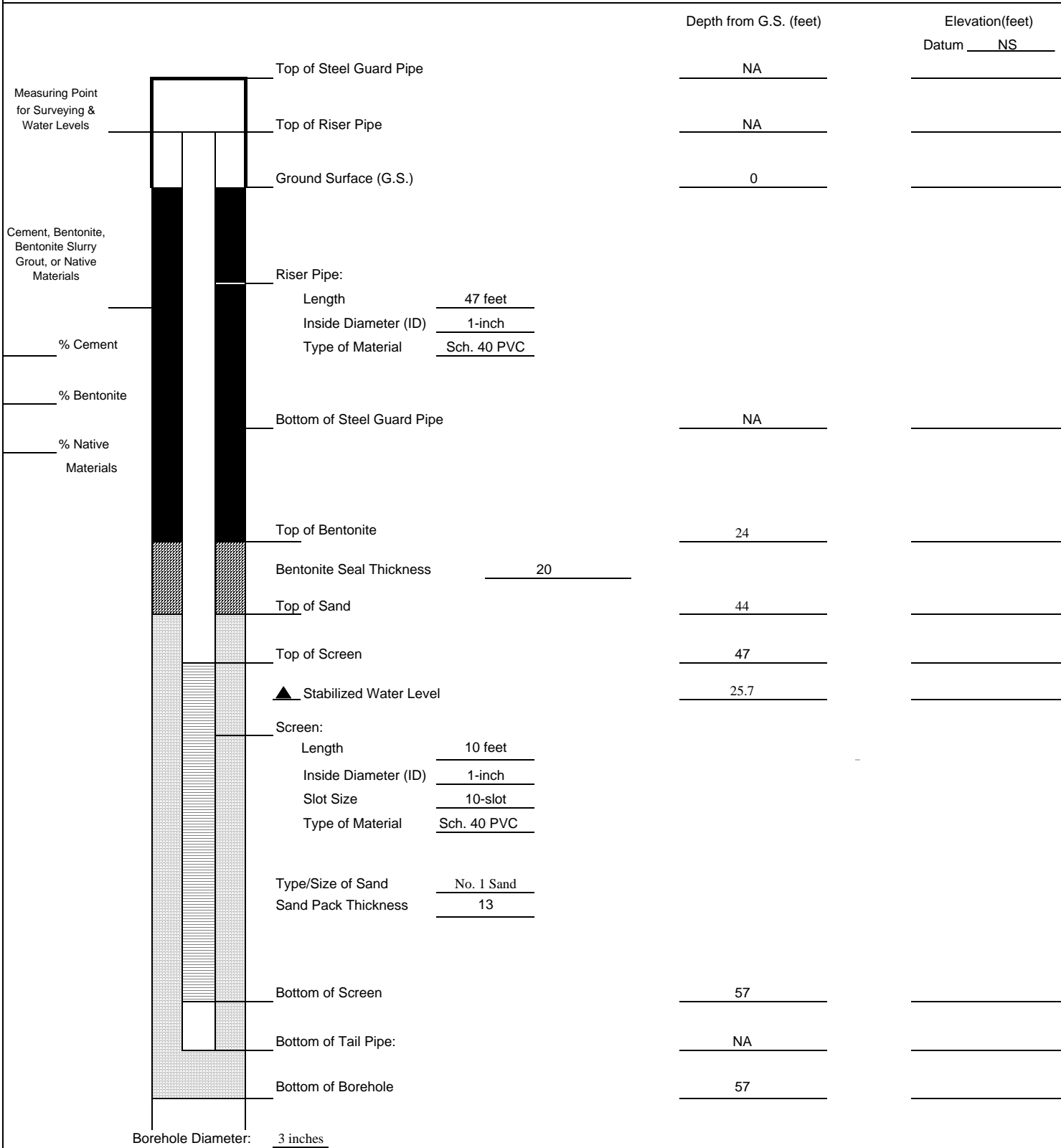
---





Client:	Textron	<b>WELL ID: MW-309D</b>	
Project Number:	06630-246		
Site Location:	Former Gorham Silver - Providence, RI	Date Installed:	12/27/2007
Well Location:	Coords:	Inspector:	P. Haskell
Method:	Geoprobe	Contractor:	NTDS

### MONITORING WELL CONSTRUCTION DETAIL

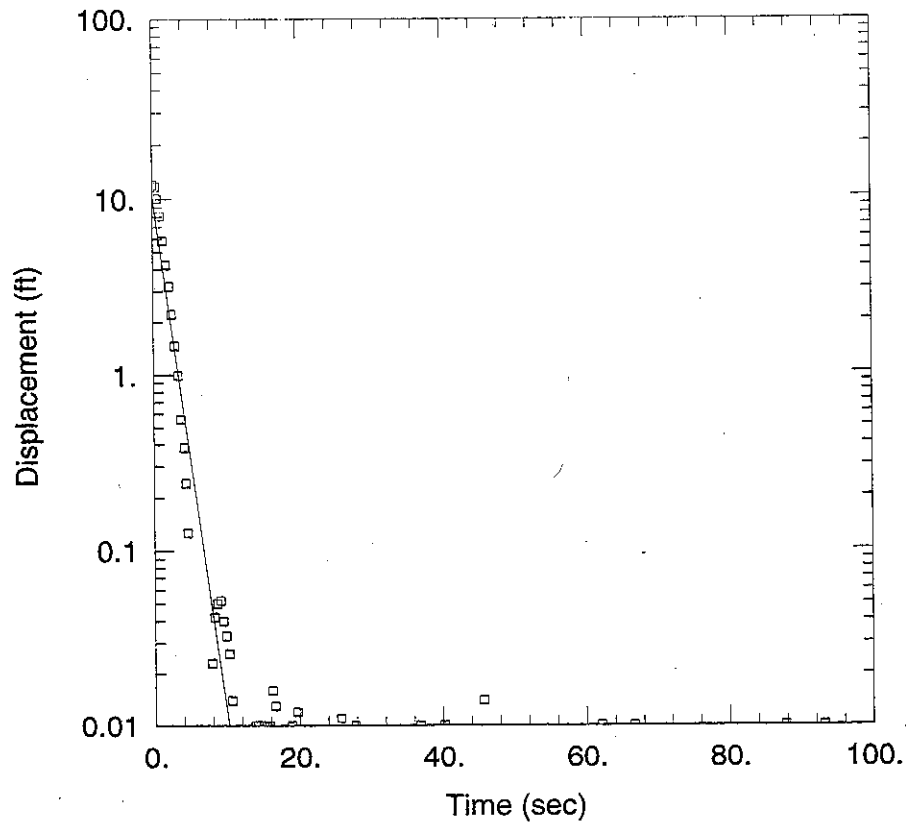


Describe Measuring Point:

---

## **Appendix B**

### **Slug test analysis graphical results**



WELL TEST ANALYSIS

Data Set: J:\...\PZ300\_test1.aqt

Date: 01/22/08

Time: 16:54:24

PROJECT INFORMATION

Company: ENSR

Client: Former Gorham Silver

Project: 6630-235

Test Location: Providence, RI

Test Well: PZ-300

Test Date: 1/21/2008

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 0.06681$  cm/sec

$y_0 = 10.41$  ft

AQUIFER DATA

Saturated Thickness: 30. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (PZ-300)

Initial Displacement: 12. ft

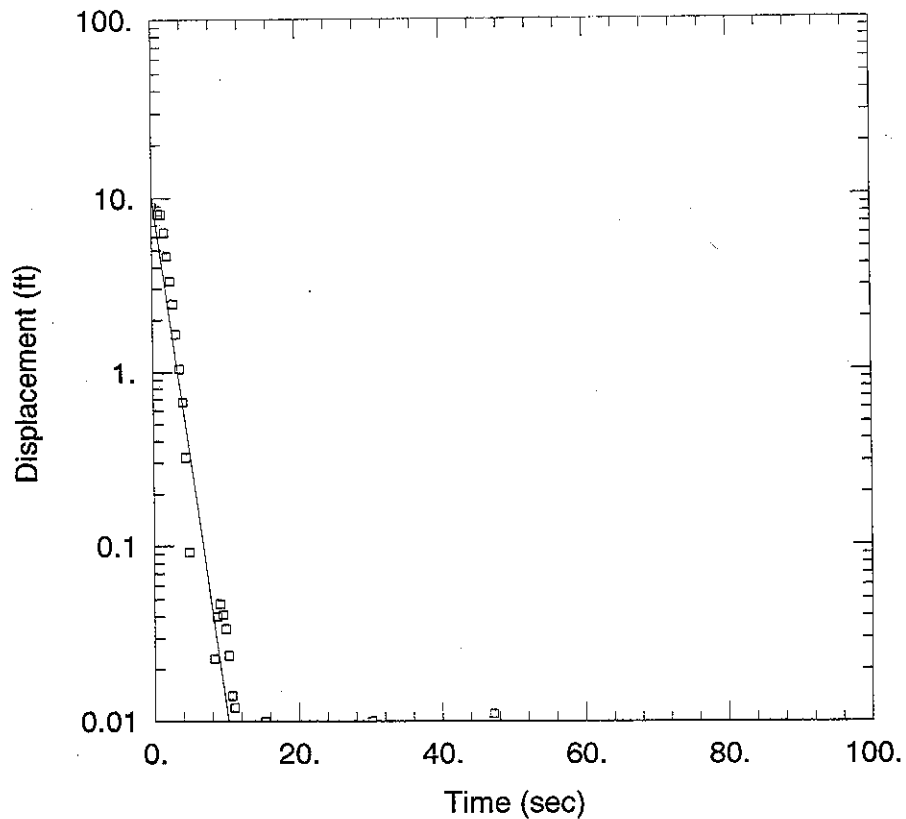
Casing Radius: 0.0417 ft

Screen Length: 2. ft

Water Column Height: 24. ft

Wellbore Radius: 0.0833 ft

Gravel Pack Porosity: 0.3



WELL TEST ANALYSIS

Data Set: J:\...\PZ300\_test2.aqt  
 Date: 01/22/08 Time: 16:54:33

PROJECT INFORMATION

Company: ENSR  
 Client: Former Gorham Silver  
 Project: 6630-235  
 Test Location: Providence, RI  
 Test Well: PZ-300  
 Test Date: 1/21/2008

SOLUTION

Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 K = 0.06681 cm/sec  
 y0 = 10.41 ft

AQUIFER DATA

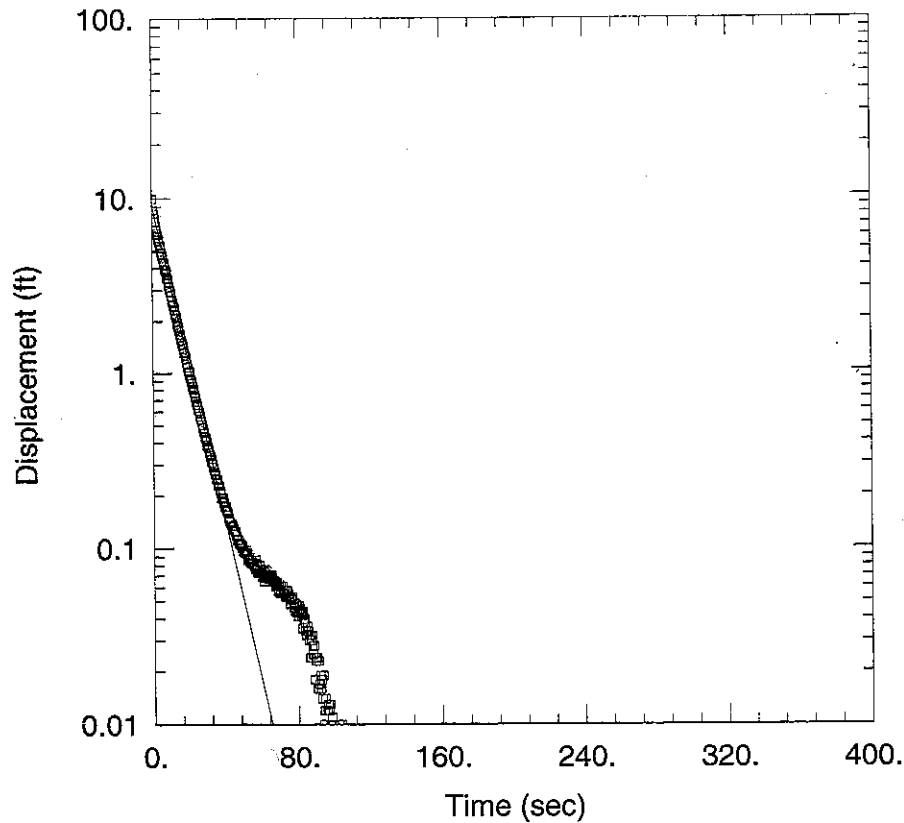
Saturated Thickness: 30. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (PZ-300)

Initial Displacement: 9. ft  
 Casing Radius: 0.0417 ft  
 Screen Length: 2. ft

Water Column Height: 24. ft  
 Wellbore Radius: 0.0833 ft  
 Gravel Pack Porosity: 0.3



WELL TEST ANALYSIS

Data Set: J:\...\PZ301\_test1.aqt  
 Date: 01/22/08 Time: 16:55:15

PROJECT INFORMATION

Company: ENSR  
 Client: Former Gorham Silver  
 Project: 6630-235  
 Test Location: Providence, RI  
 Test Well: PZ-301  
 Test Date: 1/21/2008

SOLUTION

Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 $K = 0.01014$  cm/sec  
 $y_0 = 9.333$  ft

AQUIFER DATA

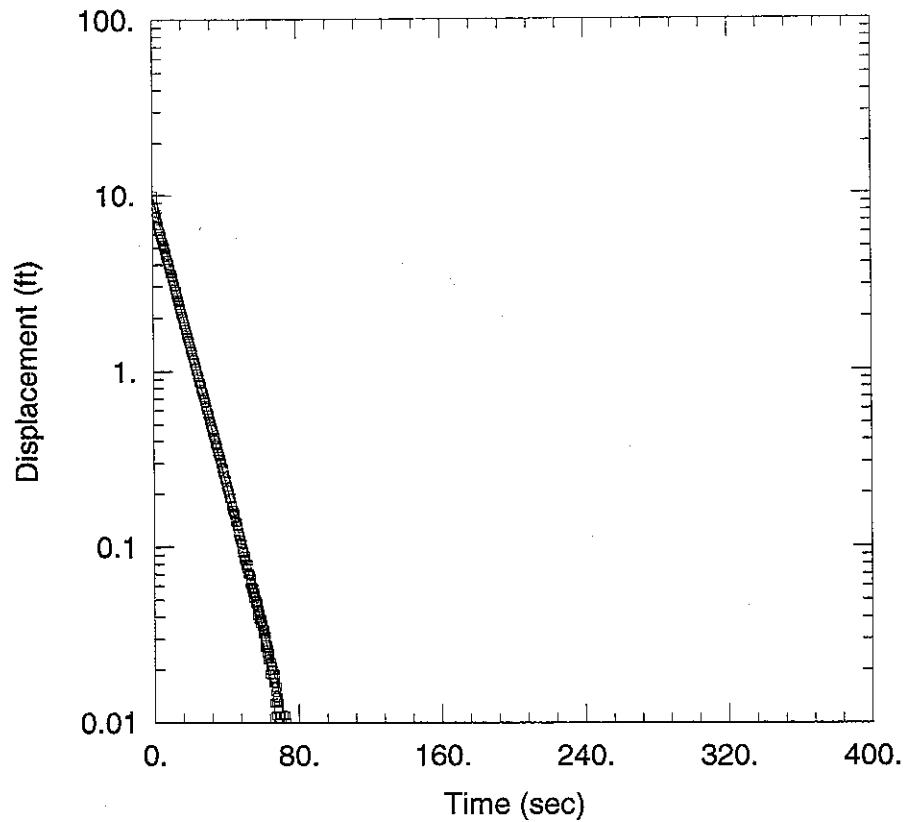
Saturated Thickness: 30 ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (PZ-301)

Initial Displacement: 10 ft  
 Casing Radius: 0.0417 ft  
 Screen Length: 2 ft

Water Column Height: 22 ft  
 Wellbore Radius: 0.0833 ft  
 Gravel Pack Porosity: 0.3



WELL TEST ANALYSIS

Data Set: J:\...\PZ301\_test2.aqt  
 Date: 01/22/08 Time: 16:55:33

PROJECT INFORMATION

Company: ENSR  
 Client: Former Gorham Silver  
 Project: 6630-235  
 Test Location: Providence, RI  
 Test Well: PZ-301  
 Test Date: 1/21/2008

SOLUTION

Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 $K = 0.009102$  cm/sec  
 $y_0 = 9.835$  ft

AQUIFER DATA

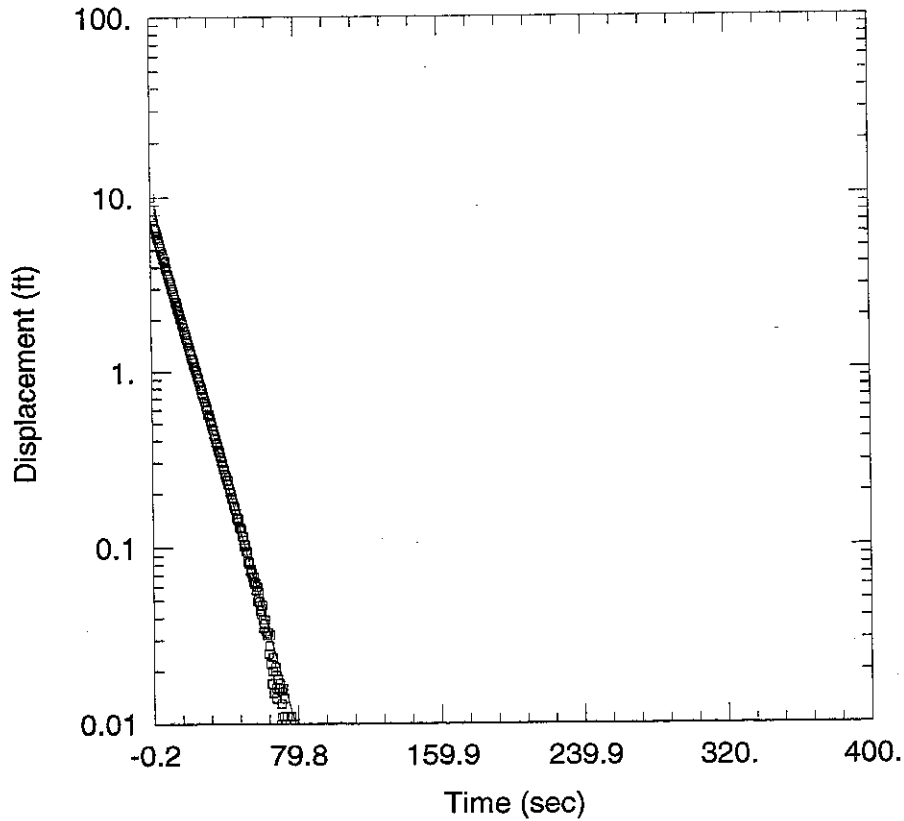
Saturated Thickness: 30. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (PZ-301)

Initial Displacement: 10. ft  
 Casing Radius: 0.0417 ft  
 Screen Length: 2. ft

Water Column Height: 22. ft  
 Wellbore Radius: 0.0833 ft  
 Gravel Pack Porosity: 0.3



### WELL TEST ANALYSIS

Data Set: J:\...\PZ301\_test3.aqt

Date: 01/22/08

Time: 16:55:46

### PROJECT INFORMATION

Company: ENSR

Client: Former Gorham Silver

Project: 6630-235

Test Location: Providence, RI

Test Well: PZ-301

Test Date: 1/21/2008

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 0.008157$  cm/sec

$y_0 = 7.379$  ft

### AQUIFER DATA

Saturated Thickness: 30 ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

### WELL DATA (PZ-301)

Initial Displacement: 10 ft

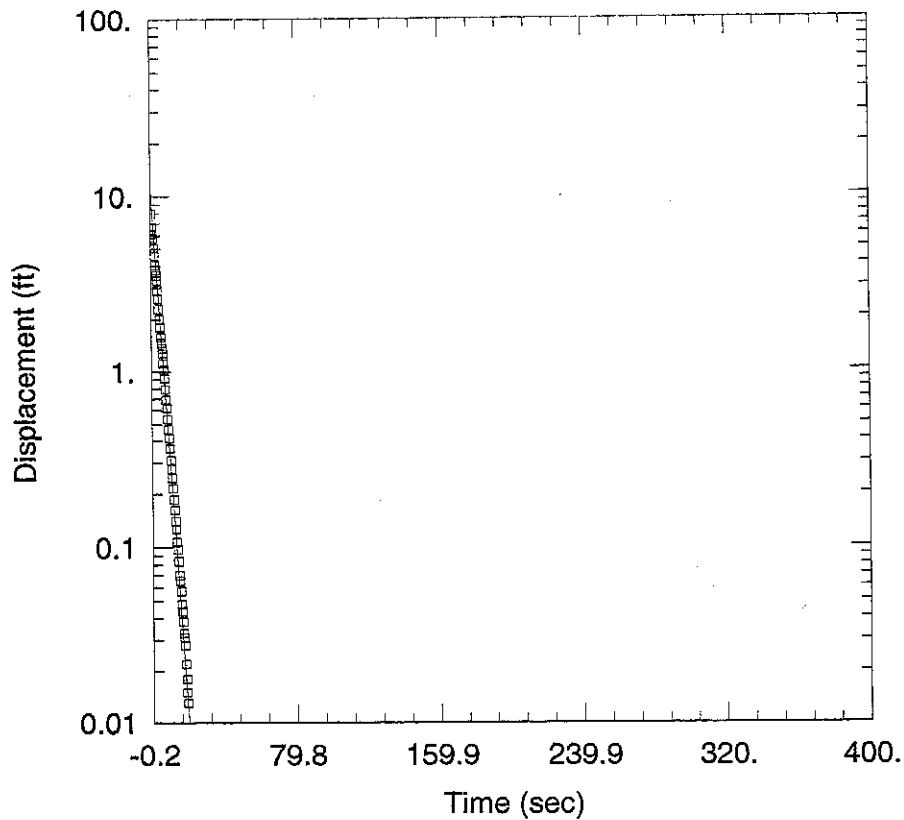
Casing Radius: 0.0417 ft

Screen Length: 2 ft

Water Column Height: 22 ft

Wellbore Radius: 0.0833 ft

Gravel Pack Porosity: 0.3



### WELL TEST ANALYSIS

Data Set: J:\...\PZ302\_test1.aqt

Date: 01/22/08

Time: 16:54:54

### PROJECT INFORMATION

Company: ENSR

Client: Former Gorham Silver

Project: 6630-235

Test Location: Providence, RI

Test Well: PZ-302

Test Date: 1/21/2008

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 0.03354$  cm/sec

$y_0 = 10.62$  ft

### AQUIFER DATA

Saturated Thickness: 30. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

### WELL DATA (PZ-302)

Initial Displacement: 8. ft

Casing Radius: 0.0417 ft

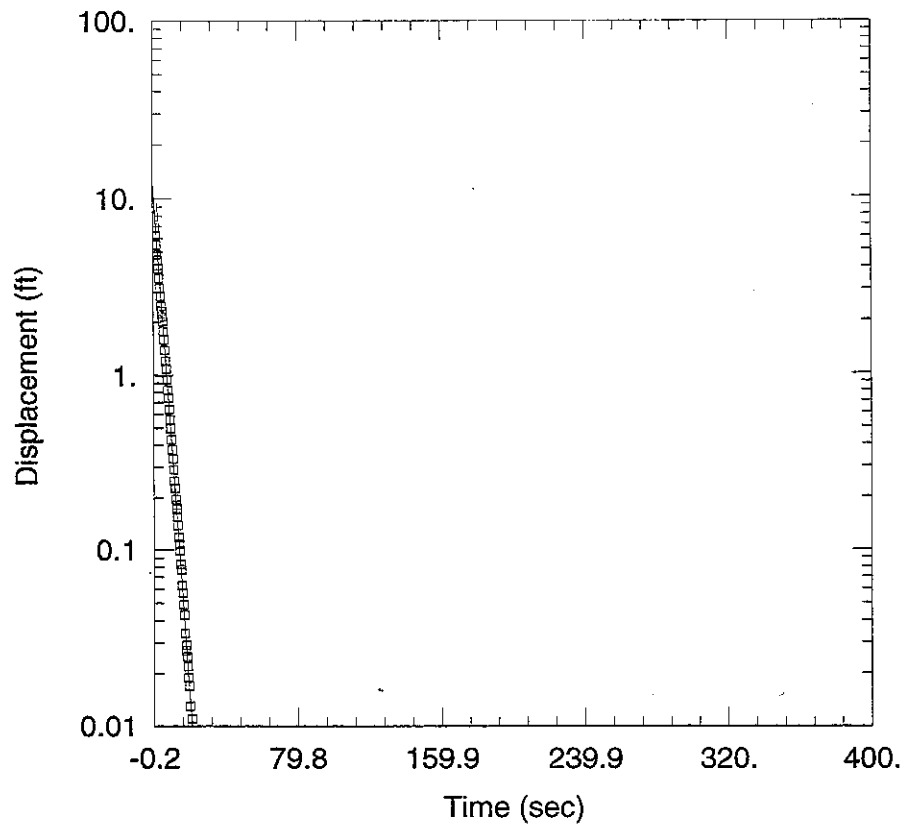
Screen Length: 2. ft

Water Column Height: 17. ft

Wellbore Radius: 0.0833 ft

Gravel Pack Porosity: 0.3





### WELL TEST ANALYSIS

Data Set: J:\...\PZ302\_test2.aqt

Date: 01/22/08

Time: 16:54:46

### PROJECT INFORMATION

Company: ENSR

Client: Former Gorham Silver

Project: 6630-235

Test Location: Providence, RI

Test Well: PZ-302

Test Date: 1/21/2008

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 0.03165$  cm/sec

$y_0 = 11.35$  ft

### AQUIFER DATA

Saturated Thickness: 30. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

### WELL DATA (PZ-302)

Initial Displacement: 9. ft

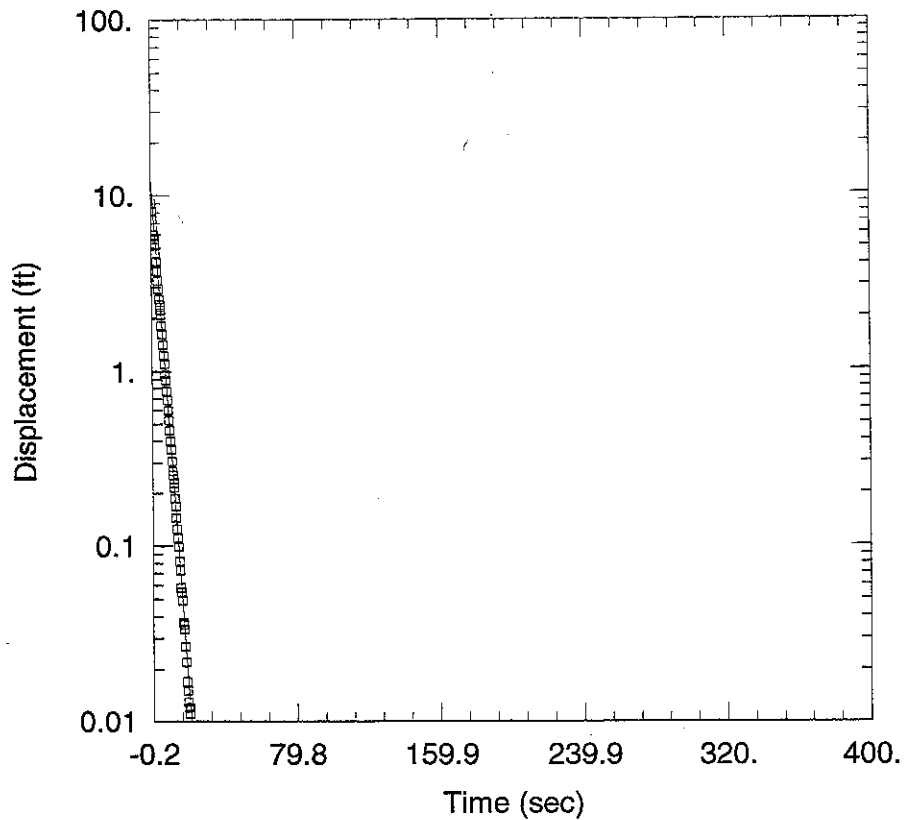
Casing Radius: 0.0417 ft

Screen Length: 2. ft

Water Column Height: 17. ft

Wellbore Radius: 0.0833 ft

Gravel Pack Porosity: 0.3



### WELL TEST ANALYSIS

Data Set: J:\...\PZ302\_test3.aqt

Date: 01/22/08

Time: 16:54:15

### PROJECT INFORMATION

Company: ENSR

Client: Former Gorham Silver

Project: 6630-235

Test Location: Providence, RI

Test Well: PZ-302

Test Date: 1/21/2008

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 0.03165$  cm/sec

$y_0 = 11.35$  ft

### AQUIFER DATA

Saturated Thickness: 30 ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

### WELL DATA (PZ-302)

Initial Displacement: 9 ft

Casing Radius: 0.0417 ft

Screen Length: 2 ft

Water Column Height: 17 ft

Wellbore Radius: 0.0833 ft

Gravel Pack Porosity: 0.3

## **Appendix C**

### **Laboratory reports**

Report Date:  
04-Dec-07 14:43



- Final Report
- Re-Issued Report
- Revised Report

**SPECTRUM ANALYTICAL, INC.**

*Featuring*

**HANIBAL TECHNOLOGY**

***Laboratory Report***

ENSR Corporation  
2 Technology Park Drive  
Westford, MA 01886-3140  
Attn: Patrick Haskell

Project: Gorham Silver - Providence, RI  
Project 6630-235

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA71361-01	TXTP-SO-SB302A	Soil	10-Nov-07 11:15	21-Nov-07 12:10
SA71361-02	TXTP-SO-SB303A	Soil	10-Nov-07 14:15	21-Nov-07 12:10
SA71361-03	TXTP-SO-SB303B	Soil	10-Nov-07 14:55	21-Nov-07 12:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.

All applicable NELAC requirements have been met.

Please note that this report contains 3 pages of analytical data plus Chain of Custody document(s).

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110  
Connecticut # PH-0777  
Florida # E87600/E87936  
Maine # MA138  
New Hampshire # 2538/2972  
New Jersey # MA011/MA012  
New York # 11393/11840  
Rhode Island # 98  
USDA # S-51435  
Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.  
President/Laboratory Director

Technical Reviewer's Initial:

*Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at [www.spectrum-analytical.com](http://www.spectrum-analytical.com) for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).*

Sample Identification  
**TXTP-SO-SB302A**  
SA71361-01

Client Project #  
6630-235

Matrix  
Soil

Collection Date/Time  
10-Nov-07 11:15

Received  
21-Nov-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
----------------	-------------------	---------------	-------------	--------------	-------------	-----------------	--------------------	-----------------	-----------------	--------------	----------------

**Toxicity Characteristics**

Grain Size - Reported as % retained.

Prepared by method General Preparation

Fractional % Sieve #4 (>4750µm)	0.575	% Retained				1	ASTM D422	30-Nov-07	30-Nov-07	7112332	CB
Fractional % Sieve #10 (4750-20000µm)	0.690	% Retained				1	"	"	"	"	"
Fractional % Sieve #20 (2000-850µm)	2.13	% Retained				1	"	"	"	"	"
Fractional % Sieve #40 (850-425µm)	4.20	% Retained				1	"	"	"	"	"
Fractional % Sieve #60 (425-250µm)	4.31	% Retained				1	"	"	"	"	"
Fractional % Sieve #100 (250-150µm)	3.74	% Retained				1	"	"	"	"	"
Fractional % Sieve #200 (150-75µm)	18.1	% Retained				1	"	"	"	"	"
Fractional % Sieve #230 (less than 66.2µm)		% Retained				1	"	"	"	"	"

Sample Identification  
**TXTP-SO-SB303A**  
SA71361-02

Client Project #  
6630-235

Matrix  
Soil

Collection Date/Time  
10-Nov-07 14:15

Received  
21-Nov-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
----------------	-------------------	---------------	-------------	--------------	-------------	-----------------	--------------------	-----------------	-----------------	--------------	----------------

**Toxicity Characteristics**

Grain Size - Reported as % retained.

Prepared by method General Preparation

Fractional % Sieve #4 (>4750µm)	5.51	% Retained				1	ASTM D422	30-Nov-07	30-Nov-07	7112332	CB
Fractional % Sieve #10 (4750-20000µm)	0.864	% Retained				1	"	"	"	"	"
Fractional % Sieve #20 (2000-850µm)	1.94	% Retained				1	"	"	"	"	"
Fractional % Sieve #40 (850-425µm)	4.91	% Retained				1	"	"	"	"	"
Fractional % Sieve #60 (425-250µm)	6.53	% Retained				1	"	"	"	"	"
Fractional % Sieve #100 (250-150µm)	5.89	% Retained				1	"	"	"	"	"
Fractional % Sieve #200 (150-75µm)	15.3	% Retained				1	"	"	"	"	"
Fractional % Sieve #230 (less than 59.0µm)		% Retained				1	"	"	"	"	"

Sample Identification  
**TXTP-SO-SB303B**  
SA71361-03

Client Project #  
6630-235

Matrix  
Soil

Collection Date/Time  
10-Nov-07 14:55

Received  
21-Nov-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
----------------	-------------------	---------------	-------------	--------------	-------------	-----------------	--------------------	-----------------	-----------------	--------------	----------------

**Toxicity Characteristics**

Grain Size - Reported as % retained.

Prepared by method General Preparation

Fractional % Sieve #4 (>4750µm)	0.740	% Retained				1	ASTM D422	30-Nov-07	30-Nov-07	7112332	CB
Fractional % Sieve #10 (4750-20000µm)	0.17	% Retained				1	"	"	"	"	"
Fractional % Sieve #20 (2000-850µm)	6.60	% Retained				1	"	"	"	"	"
Fractional % Sieve #40 (850-425µm)	19.2	% Retained				1	"	"	"	"	"
Fractional % Sieve #60 (425-250µm)	25.0	% Retained				1	"	"	"	"	"
Fractional % Sieve #100 (250-150µm)	19.4	% Retained				1	"	"	"	"	"
Fractional % Sieve #200 (150-75µm)	12.5	% Retained				1	"	"	"	"	"
Fractional % Sieve #230 (less than 14.3µm)		% Retained				1	"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 2 of 3

## Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:  
Hanibal C. Tayeh, Ph.D.



SPECTRAL ANALYTICAL, INC.  
ENVIRONMENTAL TECHNOLOGY

# CHAIN OF CUSTODY RECORD

Page 1 of 1

### Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: \_\_\_\_\_
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

SA #1361 RM

Report To: Petrole Haskell  
ENSR  
2 Technology Park Drive  
Westford, MA 01886

Invoice To: Accounts Payable  
See Address

Project No.: Gorham Silver - Providence  
 Site Name: 6630-235  
 Location: Providence State: RI  
 Sampler(s): Petrole Haskell

Project Mgr.: \_\_\_\_\_  
 P.O. No.: 2054955 RQN: \_\_\_\_\_

Containers:  
 # of VOA Vials \_\_\_\_\_  
 # of Amber Glass \_\_\_\_\_  
 # of Clear Glass \_\_\_\_\_  
 # of Plastic \_\_\_\_\_

Analyses: \_\_\_\_\_

QA Reporting Notes:  
 (check if needed)  
 Provide MA DEP MCP CAM Report  
 Provide CT DPH RCP Report  
 QA/QC Reporting Level  
 Standard  No QC  
 Other \_\_\_\_\_  
 \*State specific reporting standards

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Received by:	Date:	Time:
<u>7136101</u>	<u>TRP-SO-SB30A</u>	<u>11/10/07</u>	<u>11:15</u>	<u>G</u>	<u>SO</u>	<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>[Signature]</u>	<u>11/21/07</u>	<u>10:00</u>
<u>02</u>	<u>TRP-SO-SB303A</u>	<u>11/14/07</u>	<u>2:15</u>	<u>G</u>	<u>SO</u>	<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>[Signature]</u>	<u>11/21/07</u>	<u>12:10</u>
<u>03</u>	<u>TRP-SO-SB303B</u>	<u>11/14/07</u>	<u>2:55</u>	<u>G</u>	<u>SO</u>	<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>[Signature]</u>	<u>11/21/07</u>	<u>12:10</u>

Fax results when available to ( ) \_\_\_\_\_  
 E-mail to phaskell@ensr.aecom.com  
 EDD Format pdf  
 Condition upon receipt:  Iced  Ambient  °C 0

Report Date:  
26-Dec-07 16:13



- Final Report
- Re-Issued Report
- Revised Report

**SPECTRUM ANALYTICAL, INC.**

Featuring

**HANIBAL TECHNOLOGY**

### Laboratory Report

ENSR Corporation  
2 Technology Park Drive  
Westford, MA 01886-3140  
Attn: Patrick Haskell

Project: Former Gorham Silver - Providence, RI  
Project 06630-246-002

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA72363-01	SB-304-25-30	Ground Water	12-Dec-07 09:40	14-Dec-07 15:35
SA72363-02	SB-304-35-40	Ground Water	12-Dec-07 10:30	14-Dec-07 15:35
SA72363-03	SB-304-45-50	Ground Water	12-Dec-07 11:25	14-Dec-07 15:35
SA72363-04	SB-304-55-60	Ground Water	12-Dec-07 12:00	14-Dec-07 15:35
SA72363-05	SB-305-25-30	Ground Water	12-Dec-07 13:15	14-Dec-07 15:35
SA72363-06	SB-305-35-40	Ground Water	12-Dec-07 13:50	14-Dec-07 15:35
SA72363-07	SB-305-45-50	Ground Water	12-Dec-07 14:25	14-Dec-07 15:35
SA72363-08	SB-305-55-60	Ground Water	12-Dec-07 15:00	14-Dec-07 15:35
SA72363-09	SB-306-25-30	Ground Water	13-Dec-07 09:50	14-Dec-07 15:35
SA72363-10	SB-306-35-40	Ground Water	13-Dec-07 10:15	14-Dec-07 15:35
SA72363-11	SB-306-45-50	Ground Water	13-Dec-07 10:45	14-Dec-07 15:35
SA72363-12	SB-306-55-60	Ground Water	13-Dec-07 11:45	14-Dec-07 15:35
SA72363-13	SB-307-25-30	Ground Water	13-Dec-07 12:45	14-Dec-07 15:35
SA72363-14	SB-307-35-40	Ground Water	13-Dec-07 13:25	14-Dec-07 15:35
SA72363-15	Trip Blank	Aqueous	12-Dec-07 15:15	14-Dec-07 15:35
SA72363-16	Equip Blank	Aqueous	13-Dec-07 12:50	14-Dec-07 15:35

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.

All applicable NELAC requirements have been met.

Please note that this report contains 30 pages of analytical data plus Chain of Custody document(s).

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110

Connecticut # PH-0777

Florida # E87600/E87936

Maine # MA138

New Hampshire # 2538/2972

New Jersey # MA011/MA012

New York # 11393/11840

Rhode Island # 98

USDA # S-51435

Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.  
President/Laboratory Director

Technical Reviewer's Initial:

*Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at [www.spectrum-analytical.com](http://www.spectrum-analytical.com) for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).*



Sample Identification

SB-304-25-30

SA72363-01

Client Project #

06630-246-002

Matrix

Ground Water

Collection Date/Time

12-Dec-07 09:40

Received

14-Dec-07

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	10.0	10	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	10.0	10	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	20.0	10	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	10.0	10	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	20.0	10	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	10.0	10	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	20.0	10	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	10.0	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	20.0	10	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	50.0	10	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
127-18-4	Tetrachloroethene	3,900	E	µg/l	10.0	10	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-01-6	Trichloroethene	16.0		µg/l	10.0	10	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	10.0	10	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	10.0	10	"	"	"	"	"
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	93			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	100			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	116			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-27-4	Bromodichloromethane	BRL		µg/l	50.0	50	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
75-25-2	Bromoform	BRL		µg/l	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	100	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 2 of 30

Sample Identification  
**SB-304-25-30**  
 SA72363-01

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 09:40

Received  
 14-Dec-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-35-4	1,1-Dichloroethene	BRL		µg/l	50.0	50	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	250	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	3,210		µg/l	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	50.0	50	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	86			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	110			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

SB-304-35-40

SA72363-02

Client Project #

06630-246-002

Matrix

Ground Water

Collection Date/Time

12-Dec-07 10:30

Received

14-Dec-07

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	50.0	50	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	100	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	250	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	18,800	E	µg/l	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	66.5		µg/l	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	50.0	50	"	"	"	"	"
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	89			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	104			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	101			70-130 %		"	"	"	"	"
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-27-4	Bromodichloromethane	BRL		µg/l	200	200	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
75-25-2	Bromoform	BRL		µg/l	200	200	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	400	200	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	200	200	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	200	200	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	400	200	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	200	200	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	400	200	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	200	200	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	200	200	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	200	200	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	200	200	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	400	200	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	200	200	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	200	200	"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 4 of 30

Sample Identification

SB-304-35-40

SA72363-02

Client Project #

06630-246-002

Matrix

Ground Water

Collection Date/Time

12-Dec-07 10:30

Received

14-Dec-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-35-4	1,1-Dichloroethene	BRL		µg/l	200	200	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	200	200	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	200	200	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	200	200	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	200	200	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	200	200	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	1000	200	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	200	200	"	"	"	"	"
127-18-4	Tetrachloroethene	13,500		µg/l	200	200	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	200	200	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	200	200	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	200	200	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	200	200	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	200	200	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	86			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	112			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 5 of 30

Sample Identification  
**SB-304-45-50**  
 SA72363-03

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 11:25

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	25.0	25	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	25.0	25	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	50.0	25	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	25.0	25	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	50.0	25	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	25.0	25	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	50.0	25	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	25.0	25	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	50.0	25	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	25.0	25	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	25.0	25	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	25.0	25	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	25.0	25	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	25.0	25	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	125	25	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
127-18-4	Tetrachloroethene	4,290		µg/l	25.0	25	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
79-01-6	Trichloroethene	67.5		µg/l	25.0	25	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	25.0	25	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	25.0	25	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	96			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	114			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 6 of 30

Sample Identification  
**SB-304-55-60**  
 SA72363-04

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 12:00

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	20.0	20	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	20.0	20	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	40.0	20	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	20.0	20	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	40.0	20	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	20.0	20	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	40.0	20	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	20.0	20	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	40.0	20	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	20.0	20	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	20.0	20	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	20.0	20	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	20.0	20	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	20.0	20	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	20.0	20	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	100	20	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
127-18-4	Tetrachloroethene	2,840		µg/l	20.0	20	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
79-01-6	Trichloroethene	118		µg/l	20.0	20	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	20.0	20	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	20.0	20	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	90			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	108			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-305-25-30**  
 SA72363-05

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 13:15

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	5.8		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	1.6		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	20.4		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	11.3		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	86			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	97			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	107			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-305-35-40**  
 SA72363-06

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 13:50

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.7		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	7.8		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	3.1		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	3.4		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	10.7		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	19.9		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	8.3		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	90			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	98			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	109			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit



Sample Identification  
**SB-305-45-50**  
 SA72363-07

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 14:25

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	5.0	5	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	13.0		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	6.5		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	181		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	8.4		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	5.0	5	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	89			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	98			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	110			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	108			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-305-55-60**  
 SA72363-08

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 12-Dec-07 15:00

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	100	100	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	100	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	200	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	100	100	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	200	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	100	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	200	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	100	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	200	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	100	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	100	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	100	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	125		µg/l	100	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	100	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	100	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	100	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	100	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	500	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	100	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	100	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	100	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	100	100	"	"	"	"	"
79-01-6	Trichloroethene	7,930		µg/l	100	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	100	100	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	100	100	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	91			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	117			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	108			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-306-25-30**  
 SA72363-09

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 13-Dec-07 09:50

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	5.0	5	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
127-18-4	Tetrachloroethene	572		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	81.4		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	5.0	5	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	92			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	111			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

SB-306-35-40

SA72363-10

Client Project #

06630-246-002

Matrix

Ground Water

Collection Date/Time

13-Dec-07 10:15

Received

14-Dec-07

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	10.0	10	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	10.0	10	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	20.0	10	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	10.0	10	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	20.0	10	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	10.0	10	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	20.0	10	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	10.0	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	20.0	10	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	50.0	10	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
127-18-4	Tetrachloroethene	3,920	E	µg/l	10.0	10	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-01-6	Trichloroethene	321		µg/l	10.0	10	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	10.0	10	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	10.0	10	"	"	"	"	"
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	92			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	117			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	109			70-130 %		"	"	"	"	"
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-27-4	Bromodichloromethane	BRL		µg/l	50.0	50	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
75-25-2	Bromoform	BRL		µg/l	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	100	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 13 of 30

Sample Identification  
**SB-306-35-40**  
 SA72363-10

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 13-Dec-07 10:15

Received  
 14-Dec-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-35-4	1,1-Dichloroethene	BRL		µg/l	50.0	50	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	250	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	2,910		µg/l	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	230		µg/l	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	50.0	50	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	85			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	102			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	114			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	109			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-306-45-50**  
 SA72363-11

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 13-Dec-07 10:45

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	50.0	50	SW 846 8260B	20-Dec-07	21-Dec-07	7121501	adu
75-25-2	Bromoform	BRL		µg/l	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	100	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	50.0	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	250	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	9,400		µg/l	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	2,880		µg/l	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	50.0	50	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	86			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	98			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	110			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-306-55-60**  
 SA72363-12

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 13-Dec-07 11:45

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	10.0	10	SW 846 8260B	24-Dec-07	24-Dec-07	7121680	JLD
75-25-2	Bromoform	BRL		µg/l	10.0	10	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	20.0	10	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	10.0	10	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	20.0	10	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	10.0	10	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	20.0	10	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	10.0	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	20.0	10	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	50.0	10	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
127-18-4	Tetrachloroethene	1,200		µg/l	10.0	10	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-01-6	Trichloroethene	357		µg/l	10.0	10	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	10.0	10	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	10.0	10	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	84			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	103			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	115			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	112			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**SB-307-25-30**  
 SA72363-13

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 13-Dec-07 12:45

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	21-Dec-07	21-Dec-07	7121571	JLD
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.1		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	13.1		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	4.8		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	40.7		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	9.7		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	17.7		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	5.0		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	87			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	102			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	106			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit



Sample Identification  
**SB-307-35-40**  
 SA72363-14

Client Project #  
 06630-246-002

Matrix  
 Ground Water

Collection Date/Time  
 13-Dec-07 13:25

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	21-Dec-07	21-Dec-07	7121571	JLD
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.6		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	9.5		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	3.3		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	5.4		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	8.5		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	8.0		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	6.3		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	89			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	102			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	109			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	108			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

Trip Blank  
SA72363-15

Client Project #  
06630-246-002

Matrix  
Aqueous

Collection Date/Time  
12-Dec-07 15:15

Received  
14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	21-Dec-07	21-Dec-07	7121571	JLD
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	87			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	108			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 19 of 30

Sample Identification  
 Equip Blank  
 SA72363-16

Client Project #  
 06630-246-002

Matrix  
 Aqueous

Collection Date/Time  
 13-Dec-07 12:50

Received  
 14-Dec-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
75-27-4	Bromodichloromethane	2.3		µg/l	1.0	1	SW 846 8260B	21-Dec-07	21-Dec-07	7121571	JLD
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	3.0		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	2.1		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	1.4		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	88			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	102			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	106			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	"
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-27-4	Bromodichloromethane	1.4		µg/l	1.0	1	SW 846 8260B	26-Dec-07	26-Dec-07	7121725	JLD
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	1.6		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	1.4		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
**Equip Blank**  
 SA72363-16

Client Project #  
 06630-246-002

Matrix  
 Aqueous

Collection Date/Time  
 13-Dec-07 12:50

Received  
 14-Dec-07

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5030 Water MS											
<u>Re-analysis of Volatile Organic Halocarbons by SW846 8260B</u>											
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	SW 846 8260B	26-Dec-07	26-Dec-07	7121725	JLD
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	88			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	109			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121501 - SW846 5030 Water MS</b>										
<b>Blank (7121501-BLK1)</b>										
Prepared & Analyzed: 20-Dec-07										
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Methylene chloride	BRL		µg/l	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
<i>Surrogate: 4-Bromofluorobenzene</i>	27.9		µg/l		30.0		93	70-130		
<i>Surrogate: Toluene-d8</i>	30.3		µg/l		30.0		101	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.7		µg/l		30.0		102	70-130		
<i>Surrogate: Dibromofluoromethane</i>	28.6		µg/l		30.0		95	70-130		
<b>LCS (7121501-BS1)</b>										
Prepared: 20-Dec-07 Analyzed: 21-Dec-07										
Bromodichloromethane	18.8		µg/l		20.0		94	70-130		
Bromoform	16.6		µg/l		20.0		83	70-130		
Bromomethane	16.8		µg/l		20.0		84	70-130		
Carbon tetrachloride	17.8		µg/l		20.0		89	70-130		
Chlorobenzene	19.2		µg/l		20.0		96	70-130		
Chloroethane	18.3		µg/l		20.0		91	70-130		
Chloroform	19.2		µg/l		20.0		96	70-130		
Chloromethane	19.2		µg/l		20.0		96	70-130		
Dibromochloromethane	17.1		µg/l		20.0		86	70-130		
1,2-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	17.8		µg/l		20.0		89	70-130		
1,4-Dichlorobenzene	18.6		µg/l		20.0		93	70-130		
1,1-Dichloroethane	19.6		µg/l		20.0		98	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121501 - SW846 5030 Water MS</b>										
<b><u>LCS (7121501-BS1)</u></b>										
Prepared: 20-Dec-07 Analyzed: 21-Dec-07										
1,2-Dichloroethane	18.4		µg/l		20.0		92	70-130		
1,1-Dichloroethene	19.6		µg/l		20.0		98	70-130		
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98	70-130		
trans-1,2-Dichloroethene	18.8		µg/l		20.0		94	70-130		
1,2-Dichloropropane	19.3		µg/l		20.0		97	70-130		
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89	70-130		
trans-1,3-Dichloropropene	17.4		µg/l		20.0		87	70-130		
Methylene chloride	17.9		µg/l		20.0		90	70-130		
1,1,2,2-Tetrachloroethane	19.8		µg/l		20.0		99	70-130		
Tetrachloroethene	20.2		µg/l		20.0		101	70-130		
1,1,1-Trichloroethane	18.2		µg/l		20.0		91	70-130		
1,1,2-Trichloroethane	20.4		µg/l		20.0		102	70-130		
Trichloroethene	19.5		µg/l		20.0		97	70-130		
Trichlorofluoromethane (Freon 11)	21.0		µg/l		20.0		105	70-130		
Vinyl chloride	20.4		µg/l		20.0		102	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>30.4</i>		<i>µg/l</i>		<i>30.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>30.7</i>		<i>µg/l</i>		<i>30.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>29.9</i>		<i>µg/l</i>		<i>30.0</i>		<i>100</i>	<i>70-130</i>		
<i>Surrogate: Dibromofluoromethane</i>	<i>29.5</i>		<i>µg/l</i>		<i>30.0</i>		<i>98</i>	<i>70-130</i>		
<b><u>LCS Dup (7121501-BSD1)</u></b>										
Prepared: 20-Dec-07 Analyzed: 21-Dec-07										
Bromodichloromethane	19.9		µg/l		20.0		99	70-130	5	25
Bromoform	16.6		µg/l		20.0		83	70-130	0.4	25
Bromomethane	17.9		µg/l		20.0		90	70-130	6	50
Carbon tetrachloride	18.0		µg/l		20.0		90	70-130	1	25
Chlorobenzene	19.5		µg/l		20.0		97	70-130	2	25
Chloroethane	17.6		µg/l		20.0		88	70-130	4	50
Chloroform	19.8		µg/l		20.0		99	70-130	3	25
Chloromethane	18.4		µg/l		20.0		92	70-130	5	25
Dibromochloromethane	17.9		µg/l		20.0		89	70-130	4	50
1,2-Dichlorobenzene	19.9		µg/l		20.0		100	70-130	0.5	25
1,3-Dichlorobenzene	17.4		µg/l		20.0		87	70-130	2	25
1,4-Dichlorobenzene	18.5		µg/l		20.0		92	70-130	0.9	25
1,1-Dichloroethane	20.0		µg/l		20.0		100	70-130	2	25
1,2-Dichloroethane	19.7		µg/l		20.0		99	70-130	7	25
1,1-Dichloroethene	19.2		µg/l		20.0		96	70-130	2	25
cis-1,2-Dichloroethene	20.2		µg/l		20.0		101	70-130	3	25
trans-1,2-Dichloroethene	18.6		µg/l		20.0		93	70-130	1	25
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130	5	25
cis-1,3-Dichloropropene	18.7		µg/l		20.0		94	70-130	5	25
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130	3	25
Methylene chloride	18.5		µg/l		20.0		93	70-130	3	25
1,1,2,2-Tetrachloroethane	19.9		µg/l		20.0		100	70-130	0.8	25
Tetrachloroethene	20.8		µg/l		20.0		104	70-130	3	25
1,1,1-Trichloroethane	18.5		µg/l		20.0		92	70-130	2	25
1,1,2-Trichloroethane	21.8		µg/l		20.0		109	70-130	6	25
Trichloroethene	19.7		µg/l		20.0		99	70-130	1	25
Trichlorofluoromethane (Freon 11)	20.8		µg/l		20.0		104	70-130	1	50
Vinyl chloride	19.4		µg/l		20.0		97	70-130	5	25
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>29.5</i>		<i>µg/l</i>		<i>30.0</i>		<i>98</i>	<i>70-130</i>		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 23 of 30

**Volatile Organic Compounds - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
<b>Batch 7121501 - SW846 5030 Water MS</b>										
<b><u>LCS Dup (7121501-BSD1)</u></b>										
Prepared: 20-Dec-07 Analyzed: 21-Dec-07										
Surrogate: Toluene-d8	30.8		µg/l		30.0		103	70-130		
Surrogate: 1,2-Dichloroethane-d4	31.2		µg/l		30.0		104	70-130		
Surrogate: Dibromofluoromethane	30.7		µg/l		30.0		102	70-130		
<b><u>Matrix Spike (7121501-MS1)</u> Source: SA72363-05</b>										
Prepared: 20-Dec-07 Analyzed: 21-Dec-07										
Benzene	17.2		µg/l		20.0	0.0	86	70-130		
Chlorobenzene	18.1		µg/l		20.0	BRL	90	70-130		
1,1-Dichloroethene	14.5		µg/l		20.0	BRL	72	70-130		
Toluene	17.3		µg/l		20.0	0.0	86	70-130		
Trichloroethene	27.6		µg/l		20.0	11.3	81	70-130		
Surrogate: 4-Bromofluorobenzene	30.0		µg/l		30.0		100	70-130		
Surrogate: Toluene-d8	30.9		µg/l		30.0		103	70-130		
Surrogate: 1,2-Dichloroethane-d4	32.1		µg/l		30.0		107	70-130		
Surrogate: Dibromofluoromethane	31.4		µg/l		30.0		105	70-130		
<b><u>Matrix Spike Dup (7121501-MSD1)</u> Source: SA72363-05</b>										
Prepared: 20-Dec-07 Analyzed: 21-Dec-07										
Benzene	16.9		µg/l		20.0	0.0	85	70-130	2	30
Chlorobenzene	17.9		µg/l		20.0	BRL	90	70-130	0.9	30
1,1-Dichloroethene	14.9		µg/l		20.0	BRL	74	70-130	3	30
Toluene	17.2		µg/l		20.0	0.0	86	70-130	0.5	30
Trichloroethene	27.5		µg/l		20.0	11.3	81	70-130	0.6	30
Surrogate: 4-Bromofluorobenzene	30.0		µg/l		30.0		100	70-130		
Surrogate: Toluene-d8	30.5		µg/l		30.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	30.6		µg/l		30.0		102	70-130		
Surrogate: Dibromofluoromethane	30.8		µg/l		30.0		103	70-130		
<b>Batch 7121571 - SW846 5030 Water MS</b>										
<b><u>Matrix Spike (7121571-MS1)</u> Source: SA72340-02</b>										
Prepared & Analyzed: 21-Dec-07										
Benzene	21.2		µg/l		20.0	0.0	106	70-130		
Chlorobenzene	22.3		µg/l		20.0	BRL	112	70-130		
1,1-Dichloroethene	23.8		µg/l		20.0	BRL	119	70-130		
Toluene	21.8		µg/l		20.0	3.0	94	70-130		
Trichloroethene	21.5		µg/l		20.0	BRL	107	70-130		
Surrogate: 4-Bromofluorobenzene	46.4		µg/l		50.0		93	70-130		
Surrogate: Toluene-d8	49.0		µg/l		50.0		98	70-130		
Surrogate: 1,2-Dichloroethane-d4	50.0		µg/l		50.0		100	70-130		
Surrogate: Dibromofluoromethane	46.8		µg/l		50.0		94	70-130		
<b>Batch 7121680 - SW846 5030 Water MS</b>										
<b><u>Blank (7121680-BLK1)</u></b>										
Prepared & Analyzed: 24-Dec-07										
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121680 - SW846 5030 Water MS</b>										
<b><u>Blank (7121680-BLK1)</u></b>										
Prepared & Analyzed: 24-Dec-07										
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Methylene chloride	BRL		µg/l	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
<i>Surrogate: 4-Bromofluorobenzene</i>	43.5		µg/l		50.0		87	70-130		
<i>Surrogate: Toluene-d8</i>	51.2		µg/l		50.0		102	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	54.6		µg/l		50.0		109	70-130		
<i>Surrogate: Dibromofluoromethane</i>	54.3		µg/l		50.0		109	70-130		
<b><u>LCS (7121680-BS1)</u></b>										
Prepared & Analyzed: 24-Dec-07										
Bromodichloromethane	21.0		µg/l		20.0		105	70-130		
Bromoform	21.7		µg/l		20.0		108	70-130		
Bromomethane	24.9		µg/l		20.0		125	70-130		
Carbon tetrachloride	23.8		µg/l		20.0		119	70-130		
Chlorobenzene	21.0		µg/l		20.0		105	70-130		
Chloroethane	27.8	QC2	µg/l		20.0		139	70-130		
Chloroform	21.0		µg/l		20.0		105	70-130		
Chloromethane	27.0	QC2	µg/l		20.0		135	70-130		
Dibromochloromethane	20.6		µg/l		20.0		103	70-130		
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,3-Dichlorobenzene	21.9		µg/l		20.0		109	70-130		
1,4-Dichlorobenzene	20.2		µg/l		20.0		101	70-130		
1,1-Dichloroethane	21.6		µg/l		20.0		108	70-130		
1,2-Dichloroethane	20.6		µg/l		20.0		103	70-130		
1,1-Dichloroethene	25.8		µg/l		20.0		129	70-130		
cis-1,2-Dichloroethene	21.3		µg/l		20.0		106	70-130		
trans-1,2-Dichloroethene	19.5		µg/l		20.0		98	70-130		
1,2-Dichloropropane	20.7		µg/l		20.0		103	70-130		
cis-1,3-Dichloropropene	19.7		µg/l		20.0		99	70-130		
trans-1,3-Dichloropropene	20.7		µg/l		20.0		104	70-130		
Methylene chloride	23.2		µg/l		20.0		116	70-130		
1,1,2,2-Tetrachloroethane	21.7		µg/l		20.0		109	70-130		
Tetrachloroethene	21.4		µg/l		20.0		107	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit



### Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121680 - SW846 5030 Water MS</b>										
<b><u>LCS (7121680-BS1)</u></b>										
Prepared & Analyzed: 24-Dec-07										
1,1,1-Trichloroethane	22.2		µg/l		20.0		111	70-130		
1,1,2-Trichloroethane	21.1		µg/l		20.0		105	70-130		
Trichloroethene	20.4		µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	30.7	QC2	µg/l		20.0		154	70-130		
Vinyl chloride	18.0		µg/l		20.0		90	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>51.5</i>		<i>µg/l</i>		<i>50.0</i>		<i>103</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>50.8</i>		<i>µg/l</i>		<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.9</i>		<i>µg/l</i>		<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Dibromofluoromethane</i>	<i>50.8</i>		<i>µg/l</i>		<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<b><u>LCS Dup (7121680-BSD1)</u></b>										
Prepared & Analyzed: 24-Dec-07										
Bromodichloromethane	21.3		µg/l		20.0		107	70-130	2	25
Bromoform	22.2		µg/l		20.0		111	70-130	2	25
Bromomethane	26.9	QC1	µg/l		20.0		135	70-130	8	50
Carbon tetrachloride	23.3		µg/l		20.0		116	70-130	2	25
Chlorobenzene	20.6		µg/l		20.0		103	70-130	2	25
Chloroethane	26.6	QC2	µg/l		20.0		133	70-130	4	50
Chloroform	21.2		µg/l		20.0		106	70-130	1	25
Chloromethane	27.4	QC2	µg/l		20.0		137	70-130	1	25
Dibromochloromethane	20.3		µg/l		20.0		101	70-130	2	50
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130	0.09	25
1,3-Dichlorobenzene	21.7		µg/l		20.0		108	70-130	0.8	25
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	70-130	1	25
1,1-Dichloroethane	21.5		µg/l		20.0		107	70-130	0.5	25
1,2-Dichloroethane	21.4		µg/l		20.0		107	70-130	4	25
1,1-Dichloroethene	25.9		µg/l		20.0		129	70-130	0.1	25
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130	2	25
trans-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	0.7	25
1,2-Dichloropropane	21.0		µg/l		20.0		105	70-130	2	25
cis-1,3-Dichloropropene	19.6		µg/l		20.0		98	70-130	0.8	25
trans-1,3-Dichloropropene	20.5		µg/l		20.0		102	70-130	1	25
Methylene chloride	23.7		µg/l		20.0		119	70-130	2	25
1,1,1,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130	1	25
Tetrachloroethene	21.0		µg/l		20.0		105	70-130	2	25
1,1,1-Trichloroethane	22.2		µg/l		20.0		111	70-130	0.09	25
1,1,2-Trichloroethane	20.5		µg/l		20.0		103	70-130	3	25
Trichloroethene	19.7		µg/l		20.0		99	70-130	3	25
Trichlorofluoromethane (Freon 11)	29.8	QC2	µg/l		20.0		149	70-130	3	50
Vinyl chloride	17.8		µg/l		20.0		89	70-130	1	25
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>51.9</i>		<i>µg/l</i>		<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>50.3</i>		<i>µg/l</i>		<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.6</i>		<i>µg/l</i>		<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Dibromofluoromethane</i>	<i>50.3</i>		<i>µg/l</i>		<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<b><u>Matrix Spike (7121680-MS1)</u>      Source: SA72584-01</b>										
Prepared & Analyzed: 24-Dec-07										
Benzene	18.4		µg/l		20.0	0.0	92	70-130		
Chlorobenzene	20.9		µg/l		20.0	BRL	104	70-130		
1,1-Dichloroethene	21.6		µg/l		20.0	BRL	108	70-130		
Toluene	20.0		µg/l		20.0	0.0	100	70-130		
Trichloroethene	19.8		µg/l		20.0	BRL	99	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121680 - SW846 5030 Water MS</b>										
<b>Matrix Spike (7121680-MS1) Source: SA72584-01</b>										
Prepared & Analyzed: 24-Dec-07										
Surrogate: 4-Bromofluorobenzene	43.1		µg/l		50.0		86	70-130		
Surrogate: Toluene-d8	51.2		µg/l		50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	52.0		µg/l		50.0		104	70-130		
Surrogate: Dibromofluoromethane	50.5		µg/l		50.0		101	70-130		
<b>Matrix Spike Dup (7121680-MSD1) Source: SA72584-01</b>										
Prepared & Analyzed: 24-Dec-07										
Benzene	18.2		µg/l		20.0	0.0	91	70-130	0.5	30
Chlorobenzene	20.9		µg/l		20.0	BRL	104	70-130	0.2	30
1,1-Dichloroethene	21.5		µg/l		20.0	BRL	107	70-130	0.5	30
Toluene	19.8		µg/l		20.0	0.0	99	70-130	1	30
Trichloroethene	19.8		µg/l		20.0	BRL	99	70-130	0.4	30
Surrogate: 4-Bromofluorobenzene	43.3		µg/l		50.0		87	70-130		
Surrogate: Toluene-d8	51.1		µg/l		50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	52.6		µg/l		50.0		105	70-130		
Surrogate: Dibromofluoromethane	49.7		µg/l		50.0		99	70-130		
<b>Batch 7121725 - SW846 5030 Water MS</b>										
<b>Blank (7121725-BLK1)</b>										
Prepared & Analyzed: 26-Dec-07										
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Methylene chloride	BRL		µg/l	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	42.6		µg/l		50.0		85	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121725 - SW846 5030 Water MS</b>										
<b>Blank (7121725-BLK1)</b>										
Prepared & Analyzed: 26-Dec-07										
Surrogate: Toluene-d8	50.6		µg/l		50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	54.1		µg/l		50.0		108	70-130		
Surrogate: Dibromofluoromethane	54.2		µg/l		50.0		108	70-130		
<b>LCS (7121725-BS1)</b>										
Prepared & Analyzed: 26-Dec-07										
Bromodichloromethane	21.9		µg/l		20.0		109	70-130		
Bromoform	20.5		µg/l		20.0		102	70-130		
Bromomethane	27.1	QC1	µg/l		20.0		136	70-130		
Carbon tetrachloride	22.9		µg/l		20.0		115	70-130		
Chlorobenzene	21.4		µg/l		20.0		107	70-130		
Chloroethane	25.4		µg/l		20.0		127	70-130		
Chloroform	21.6		µg/l		20.0		108	70-130		
Chloromethane	28.7	QC1	µg/l		20.0		144	70-130		
Dibromochloromethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichlorobenzene	22.5		µg/l		20.0		113	70-130		
1,3-Dichlorobenzene	22.1		µg/l		20.0		110	70-130		
1,4-Dichlorobenzene	20.9		µg/l		20.0		105	70-130		
1,1-Dichloroethane	22.0		µg/l		20.0		110	70-130		
1,2-Dichloroethane	20.6		µg/l		20.0		103	70-130		
1,1-Dichloroethene	24.3		µg/l		20.0		121	70-130		
cis-1,2-Dichloroethene	21.9		µg/l		20.0		110	70-130		
trans-1,2-Dichloroethene	19.7		µg/l		20.0		99	70-130		
1,2-Dichloropropane	21.2		µg/l		20.0		106	70-130		
cis-1,3-Dichloropropene	19.5		µg/l		20.0		97	70-130		
trans-1,3-Dichloropropene	20.2		µg/l		20.0		101	70-130		
Methylene chloride	22.7		µg/l		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	18.6		µg/l		20.0		93	70-130		
Tetrachloroethene	20.8		µg/l		20.0		104	70-130		
1,1,1-Trichloroethane	21.8		µg/l		20.0		109	70-130		
1,1,2-Trichloroethane	20.4		µg/l		20.0		102	70-130		
Trichloroethene	20.9		µg/l		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	27.5	QC1	µg/l		20.0		138	70-130		
Vinyl chloride	32.5	QC2	µg/l		20.0		162	70-130		
Surrogate: 4-Bromofluorobenzene	52.0		µg/l		50.0		104	70-130		
Surrogate: Toluene-d8	50.4		µg/l		50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	48.8		µg/l		50.0		98	70-130		
Surrogate: Dibromofluoromethane	51.0		µg/l		50.0		102	70-130		
<b>LCS Dup (7121725-BSD1)</b>										
Prepared & Analyzed: 26-Dec-07										
Bromodichloromethane	21.2		µg/l		20.0		106	70-130	3	25
Bromoform	20.0		µg/l		20.0		100	70-130	2	25
Bromomethane	24.5		µg/l		20.0		122	70-130	10	50
Carbon tetrachloride	19.3		µg/l		20.0		96	70-130	17	25
Chlorobenzene	19.4		µg/l		20.0		97	70-130	10	25
Chloroethane	21.7		µg/l		20.0		108	70-130	16	50
Chloroform	21.0		µg/l		20.0		105	70-130	3	25
Chloromethane	25.8		µg/l		20.0		129	70-130	11	25
Dibromochloromethane	19.8		µg/l		20.0		99	70-130	1	50
1,2-Dichlorobenzene	20.4		µg/l		20.0		102	70-130	10	25
1,3-Dichlorobenzene	19.5		µg/l		20.0		98	70-130	12	25

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 28 of 30

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 7121725 - SW846 5030 Water MS</b>										
<b><u>LCS Dup (7121725-BSD1)</u></b>										
Prepared & Analyzed: 26-Dec-07										
1,4-Dichlorobenzene	19.0		µg/l		20.0		95	70-130	9	25
1,1-Dichloroethane	20.1		µg/l		20.0		100	70-130	9	25
1,2-Dichloroethane	20.4		µg/l		20.0		102	70-130	1	25
1,1-Dichloroethene	19.8		µg/l		20.0		99	70-130	20	25
cis-1,2-Dichloroethene	20.1		µg/l		20.0		101	70-130	8	25
trans-1,2-Dichloroethene	17.6		µg/l		20.0		88	70-130	12	25
1,2-Dichloropropane	20.7		µg/l		20.0		104	70-130	2	25
cis-1,3-Dichloropropene	19.1		µg/l		20.0		96	70-130	2	25
trans-1,3-Dichloropropene	19.7		µg/l		20.0		98	70-130	2	25
Methylene chloride	21.4		µg/l		20.0		107	70-130	6	25
1,1,1,2-Tetrachloroethane	18.3		µg/l		20.0		91	70-130	2	25
Tetrachloroethene	17.2		µg/l		20.0		86	70-130	19	25
1,1,1-Trichloroethane	18.6		µg/l		20.0		93	70-130	16	25
1,1,2-Trichloroethane	20.3		µg/l		20.0		102	70-130	0.1	25
Trichloroethene	17.8		µg/l		20.0		89	70-130	16	25
Trichlorofluoromethane (Freon 11)	22.6		µg/l		20.0		113	70-130	20	50
Vinyl chloride	27.6	QC2	µg/l		20.0		138	70-130	16	25
Surrogate: 4-Bromofluorobenzene	51.5		µg/l		50.0		103	70-130		
Surrogate: Toluene-d8	50.4		µg/l		50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	49.8		µg/l		50.0		100	70-130		
Surrogate: Dibromofluoromethane	50.2		µg/l		50.0		100	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:  
Hanibal C. Tayeh, Ph.D.  
Nicole Brown



# CHAIN OF CUSTODY RECORD

Page 1 of 2

**Special Handling:**  
~~Standard TAT - 7 to 10 business days~~  
~~Rush TAT - Date Needed: Today~~  
 All TATs subject to laboratory approval.  
 Min. 24-hour notification needed for rushes.  
 Samples disposed of after 60 days unless otherwise instructed.

✓ SA 72363

Report To: ENSR

Technology Park Dr  
Westford, MA 01886

Invoice To: Same

P.O. No.: \_\_\_\_\_

RON: \_\_\_\_\_

Project No.: 06630-246-002

Site Name: Teubon - former Garbage Sites  
 Location: Paviana State: RI  
 Sampler(s): K Wase

Project Mgr.: Patrick Haskell

Containers:

Analyses:

QA Reporting Notes:  
(check if needed)

1=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 2=HCl 3=H<sub>2</sub>SO<sub>4</sub> 4=HNO<sub>3</sub> 5=NaOH 6=Ascorbic Acid  
 7=CH<sub>3</sub>OH 8=NaHSO<sub>4</sub> 9=\_\_\_\_\_  
 10=\_\_\_\_\_  
 DW=Drinking Water GW=Groundwater WW=Wastewater  
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air  
 X1=\_\_\_\_\_  
 X2=\_\_\_\_\_  
 X3=\_\_\_\_\_

G=Grab C=Composite

Provide MA DEP MCP CAM Report  
 Provide CT DEP RCP Report  
 QA/QC Reporting Level  
 Standard  No QC  
 Other \_\_\_\_\_  
 State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses:	QA Reporting Notes:
72363-01	SB-304-25-30	12/12/07	09:40	G	GW	2	3					
-02	SB-304-35-40	12/12/07	10:30	G	GW	2	3					
-03	SB-304-45-50	12/12/07	11:25	G	GW	2	3					
-04	SB-304-55-60	12/12/07	12:00	G	GW	2	3					
-05	SB-305-25-30	12/12/07	13:15	G	GW	2	3					
-06	SB-305-35-40	12/12/07	13:50	G	GW	2	3					
-07	SB-305-45-50	12/12/07	14:25	G	GW	2	3					
-08	SB-305-55-60	12/12/07	15:00	G	GW	2	3					
-09	SB-306-25-30	12/13/07	09:50	G	GW	2	2					
-10	SB-306-35-40	12/13/07	10:15	G	GW	2	2					

Condition upon receipt:  Iced  Ambient  °C

Retinquished by: Kurt Elving

Received by: [Signature]

Date: 12/10/07 Time: 1337  
12/14/07 1535



# CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:

~~Standard TAT - 7 to 10 business days~~  
 Rush TAT - Date Needed: 5 day  
 All TATs subject to laboratory approval.  
 Min. 24-hour notification needed for rushes.  
 Samples disposed of after 60 days unless otherwise instructed.

72363

Report To: ENSR

Invoice To: Serve

Project No.: 06630-246-002

2 Technology Park Drive

Westford, MA 01886

Site Name: Textron - Foxconn Carboxen Silver

Project Mgr.: Patrick Haskell

P.O. No.: \_\_\_\_\_

Location: Providence State: RI

1= $\text{Na}_2\text{S}_2\text{O}_3$  2= $\text{HCl}$  3= $\text{H}_2\text{SO}_4$  4= $\text{HNO}_3$  5= $\text{NaOH}$  6=Ascorbic Acid  
 7= $\text{CH}_3\text{OH}$  8= $\text{NaHSO}_4$  9=\_\_\_\_\_ 10=\_\_\_\_\_

Containers:

Analyses:

QA Reporting Notes:  
(check if needed)

DW=Drinking Water GW=Groundwater WW=Wastewater  
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air  
 X1=\_\_\_\_\_ X2=\_\_\_\_\_ X3=\_\_\_\_\_

Provide MA DEP MCP CAM Report  
 Provide CT DEP RCP Report

QA/QC Reporting Level  
 Standard  No QC  
 Other \_\_\_\_\_

State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses:	QA Reporting Notes:
72363-11	SB-306-45-50	12/13/07	10:45	G	GW	2	3						
	SB-306-55-60	12/13/07	11:45	G	GW	2	3						
	SB-307-25-30	12/13/07	12:45	G	GW	2	2						
	SB-307-35-40	12/13/07	13:25	G	GW	2	3						
	Tap Blank	12/12/02	15:15	G		2	1						
	Field Blank	12/13/07	14:00	G		2	1						
	Field Blank	12/13/07	12:50	G		2	1						

Fax results when available to (\_\_\_\_\_) \_\_\_\_\_  
 E-mail to phaskell@ensr.com  
 EDD Format \_\_\_\_\_

Relinquished by: Kristin Ryan

Received by: Patrick Haskell

Date: 12/14/07 Time: 1337  
12/14/07 1535



SPECTRUM ANALYTICAL, INC.  
Analytical  
LABORATORY TECHNOLOGY

# CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:

Standard TAT - 7 to 10 business days  
 Rush TAT - Date Needed: Selma  
All TATs subject to laboratory approval.  
Min. 24-hour notification needed for rushes.  
Samples disposed of after 60 days unless otherwise instructed.

BA 72363

Report To: ENSR

2 Technology Park Dr  
Watford, MA 01886

Invoice To: Same

Project Mgr.: Patrick Haskell

P.O. No.: \_\_\_\_\_ RQN: \_\_\_\_\_

1= $\text{Na}_2\text{S}_2\text{O}_3$ , 2= $\text{HCl}$ , 3= $\text{H}_2\text{SO}_4$ , 4= $\text{HNO}_3$ , 5= $\text{NaOH}$ , 6=Ascorbic Acid  
7= $\text{CH}_3\text{OH}$ , 8= $\text{NaHSO}_4$ , 9=\_\_\_\_\_, 10=\_\_\_\_\_

Containers:

Analyses:

QA Reporting Notes:  
(check if needed)

DW=Drinking Water GW=Groundwater WW=Wastewater  
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air  
X1=\_\_\_\_\_ X2=\_\_\_\_\_ X3=\_\_\_\_\_

G=Grab C=Composite

Provide MA DEP MCP CAM Report  
 Provide CT DEP RCP Report  
QA/QC Reporting Level  
 Standard  No QC  
 Other \_\_\_\_\_  
State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses:	QA Reporting Notes: (check if needed)
72363-01	SB-304-25-30	12/12/07	09:40	G	GW	2	3						
	SB-304-35-40	12/17/07	10:30	G	GW	2	3						
	SB-304-45-50	12/12/07	11:25	G	GW	2	3						
	SB-304-55-60	12/12/07	12:00	G	GW	2	3						
	SB-305-25-30	12/12/07	13:15	G	GW	2	3						
	SB-305-35-40	12/12/07	13:50	G	GW	2	3						
	SB-305-45-50	12/12/07	14:25	G	GW	2	3						
	SB-305-55-60	12/12/07	15:00	G	GW	2	3						
	SB-306-25-30	12/13/07	09:50	G	GW	2	2						
	SB-306-35-40	12/13/07	10:15	G	GW	2	3						

Relinquished by:

Received by:

Date:

Time:

Fax results when available to ( )  
 E-mail to phaskell@ensr.com

EDD Format \_\_\_\_\_

Condition upon receipt:  Iced  Ambient  °C

(-1)

Kurt Elvengren

John  
Quinn

12/10/07 13:37  
12/11/07 15:35

per attached email



Report Date:  
29-Jan-08 11:18



- Final Report
- Re-Issued Report
- Revised Report

**SPECTRUM ANALYTICAL, INC.**

*Featuring*

**HANIBAL TECHNOLOGY**

***Laboratory Report***

ENSR Corporation  
2 Technology Park Drive  
Westford, MA 01886-3140  
Attn: Patrick Haskell

Project: Textron - Former Gorham Silver - Providence, RI  
Project [none]

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA73688-01	GSP MW-309D	Ground Water	21-Jan-08 14:40	22-Jan-08 16:05
SA73688-02	GSP MW-308	Ground Water	21-Jan-08 15:50	22-Jan-08 16:05
SA73688-03	Trip Blank	Ground Water	21-Jan-08 17:00	22-Jan-08 16:05

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.

All applicable NELAC requirements have been met.

Please note that this report contains 8 pages of analytical data plus Chain of Custody document(s).

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110  
Connecticut # PH-0777  
Florida # E87600/E87936  
Maine # MA138  
New Hampshire # 2538/2972  
New Jersey # MA011/MA012  
New York # 11393/11840  
Rhode Island # 98  
USDA # S-51435  
Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.  
President/Laboratory Director

Technical Reviewer's Initial:

*Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at [www.spectrum-analytical.com](http://www.spectrum-analytical.com) for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).*

Sample Identification  
**GSP MW-309D**  
 SA73688-01

Client Project #  
 [none]

Matrix  
 Ground Water

Collection Date/Time  
 21-Jan-08 14:40

Received  
 22-Jan-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5035A Soil (low level)											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	25-Jan-08	25-Jan-08	8011722	RLJ
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	2.0		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	1.0		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.2		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1.1		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	74.6		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	1.9		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	99			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	100			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	101			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	100			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

GSP MW-308

SA73688-02

Client Project #

[none]

Matrix

Ground Water

Collection Date/Time

21-Jan-08 15:50

Received

22-Jan-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5035A Soil (low level)											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	25-Jan-08	25-Jan-08	8011722	RLJ
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	2.8		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	1.4		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	6.6		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	4.5		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	2.1		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	97			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	100			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	100			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	101			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 3 of 8

Sample Identification

**Trip Blank**  
SA73688-03

Client Project #  
[none]

Matrix  
Ground Water

Collection Date/Time  
21-Jan-08 17:00

Received  
22-Jan-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>Volatile Organic Halocarbons by SW846 8260B</u>											
Prepared by method SW846 5035A Soil (low level)											
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	SW 846 8260B	25-Jan-08	25-Jan-08	8011722	RLJ
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	96			70-130 %		"	"	"	"	"
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	101			70-130 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	100			70-130 %		"	"	"	"	"

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 4 of 8

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 8011722 - SW846 5035A Soil (low level)</b>										
<b>Blank (8011722-BLK1)</b>										
Prepared & Analyzed: 25-Jan-08										
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Methylene chloride	BRL		µg/l	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
<i>Surrogate: 4-Bromofluorobenzene</i>	50.7		µg/l		50.0		101	70-130		
<i>Surrogate: Toluene-d8</i>	50.5		µg/l		50.0		101	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	49.6		µg/l		50.0		99	70-130		
<i>Surrogate: Dibromofluoromethane</i>	50.5		µg/l		50.0		101	70-130		
<b>LCS (8011722-BS1)</b>										
Prepared & Analyzed: 25-Jan-08										
Bromodichloromethane	21.0		µg/l		20.0		105	70-130		
Bromoform	20.6		µg/l		20.0		103	70-130		
Bromomethane	22.2		µg/l		20.0		111	70-130		
Carbon tetrachloride	21.4		µg/l		20.0		107	70-130		
Chlorobenzene	20.4		µg/l		20.0		102	70-130		
Chloroethane	20.7		µg/l		20.0		103	70-130		
Chloroform	20.2		µg/l		20.0		101	70-130		
Chloromethane	20.3		µg/l		20.0		102	70-130		
Dibromochloromethane	25.0		µg/l		20.0		125	70-130		
1,2-Dichlorobenzene	20.6		µg/l		20.0		103	70-130		
1,3-Dichlorobenzene	21.2		µg/l		20.0		106	70-130		
1,4-Dichlorobenzene	19.6		µg/l		20.0		98	70-130		
1,1-Dichloroethane	20.5		µg/l		20.0		102	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 8011722 - SW846 5035A Soil (low level)</b>										
<b><u>LCS (8011722-BS1)</u></b>										
Prepared & Analyzed: 25-Jan-08										
1,2-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,1-Dichloroethene	23.3		µg/l		20.0		117	70-130		
cis-1,2-Dichloroethene	21.0		µg/l		20.0		105	70-130		
trans-1,2-Dichloroethene	21.5		µg/l		20.0		108	70-130		
1,2-Dichloropropane	20.2		µg/l		20.0		101	70-130		
cis-1,3-Dichloropropene	21.7		µg/l		20.0		109	70-130		
trans-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130		
Methylene chloride	20.3		µg/l		20.0		101	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/l		20.0		105	70-130		
Tetrachloroethene	21.4		µg/l		20.0		107	70-130		
1,1,1-Trichloroethane	22.7		µg/l		20.0		113	70-130		
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	70-130		
Trichloroethene	20.8		µg/l		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	21.6		µg/l		20.0		108	70-130		
Vinyl chloride	22.1		µg/l		20.0		111	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.9</i>		<i>µg/l</i>		<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>50.3</i>		<i>µg/l</i>		<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.0</i>		<i>µg/l</i>		<i>50.0</i>		<i>98</i>	<i>70-130</i>		
<i>Surrogate: Dibromofluoromethane</i>	<i>50.1</i>		<i>µg/l</i>		<i>50.0</i>		<i>100</i>	<i>70-130</i>		
<b><u>LCS Dup (8011722-BSD1)</u></b>										
Prepared & Analyzed: 25-Jan-08										
Bromodichloromethane	20.6		µg/l		20.0		103	70-130	2	25
Bromoform	20.3		µg/l		20.0		101	70-130	2	25
Bromomethane	22.4		µg/l		20.0		112	70-130	0.9	50
Carbon tetrachloride	20.0		µg/l		20.0		100	70-130	7	25
Chlorobenzene	19.8		µg/l		20.0		99	70-130	3	25
Chloroethane	19.6		µg/l		20.0		98	70-130	5	50
Chloroform	19.6		µg/l		20.0		98	70-130	3	25
Chloromethane	19.4		µg/l		20.0		97	70-130	5	25
Dibromochloromethane	24.6		µg/l		20.0		123	70-130	2	50
1,2-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	2	25
1,3-Dichlorobenzene	20.4		µg/l		20.0		102	70-130	4	25
1,4-Dichlorobenzene	19.1		µg/l		20.0		96	70-130	2	25
1,1-Dichloroethane	19.8		µg/l		20.0		99	70-130	4	25
1,2-Dichloroethane	19.9		µg/l		20.0		100	70-130	0.6	25
1,1-Dichloroethene	21.8		µg/l		20.0		109	70-130	7	25
cis-1,2-Dichloroethene	20.3		µg/l		20.0		101	70-130	4	25
trans-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130	7	25
1,2-Dichloropropane	19.9		µg/l		20.0		100	70-130	2	25
cis-1,3-Dichloropropene	21.3		µg/l		20.0		106	70-130	2	25
trans-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130	0.1	25
Methylene chloride	19.5		µg/l		20.0		98	70-130	4	25
1,1,2,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	2	25
Tetrachloroethene	20.6		µg/l		20.0		103	70-130	4	25
1,1,1-Trichloroethane	21.3		µg/l		20.0		107	70-130	6	25
1,1,2-Trichloroethane	20.1		µg/l		20.0		101	70-130	0.3	25
Trichloroethene	19.4		µg/l		20.0		97	70-130	7	25
Trichlorofluoromethane (Freon 11)	20.6		µg/l		20.0		103	70-130	5	50
Vinyl chloride	21.2		µg/l		20.0		106	70-130	4	25
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.8</i>		<i>µg/l</i>		<i>50.0</i>		<i>102</i>	<i>70-130</i>		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 6 of 8

**Volatile Organic Compounds - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 8011722 - SW846 5035A Soil (low level)</b>										
<b><u>LCS Dup (8011722-BSD1)</u></b>										
Prepared & Analyzed: 25-Jan-08										
Surrogate: Toluene-d8	50.3		µg/l		50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	48.4		µg/l		50.0		97	70-130		
Surrogate: Dibromofluoromethane	50.2		µg/l		50.0		100	70-130		
<b><u>Matrix Spike (8011722-MS1)</u> Source: SA73669-01</b>										
Prepared & Analyzed: 25-Jan-08										
Benzene	22.3		µg/l		20.0	0.0	111	70-130		
Chlorobenzene	23.2		µg/l		20.0	BRL	116	70-130		
1,1-Dichloroethene	27.2	QM7	µg/l		20.0	BRL	136	70-130		
Toluene	23.0		µg/l		20.0	0.0	115	70-130		
Trichloroethene	23.2		µg/l		20.0	BRL	116	70-130		
Surrogate: 4-Bromofluorobenzene	50.4		µg/l		50.0		101	70-130		
Surrogate: Toluene-d8	50.2		µg/l		50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4	49.5		µg/l		50.0		99	70-130		
Surrogate: Dibromofluoromethane	50.6		µg/l		50.0		101	70-130		
<b><u>Matrix Spike Dup (8011722-MSD1)</u> Source: SA73669-01</b>										
Prepared & Analyzed: 25-Jan-08										
Benzene	22.5		µg/l		20.0	0.0	113	70-130	1	30
Chlorobenzene	23.4		µg/l		20.0	BRL	117	70-130	0.7	30
1,1-Dichloroethene	27.0	QM7	µg/l		20.0	BRL	135	70-130	0.8	30
Toluene	23.0		µg/l		20.0	0.0	115	70-130	0.09	30
Trichloroethene	23.7		µg/l		20.0	BRL	119	70-130	2	30
Surrogate: 4-Bromofluorobenzene	50.6		µg/l		50.0		101	70-130		
Surrogate: Toluene-d8	50.2		µg/l		50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4	49.3		µg/l		50.0		99	70-130		
Surrogate: Dibromofluoromethane	50.6		µg/l		50.0		101	70-130		

*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit

BRL = Below Reporting Limit

## Notes and Definitions

QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:  
Hanibal C. Tayeh, Ph.D.  
Rebecca Merz





SPECTRAL ANALYTICAL, INC.  
FOUNDED  
ANALYTICAL TECHNOLOGY

# CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: \_\_\_\_\_
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

*STBISS OK*

Report To: ENSR

2 Technology Park Dr  
Westford MA 01886

Invoice To: Sum

P.O. No.: \_\_\_\_\_

Project No.: \_\_\_\_\_

Site Name: Teahon - Former Goshen Silver  
Location: Pavenna State: RI  
Sampler(s): R. Wace

Project Mgr.: Pedrick Haskell

RQN: \_\_\_\_\_

1=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, 2=HCl 3=H<sub>2</sub>SO<sub>4</sub> 4=HNO<sub>3</sub> 5=NaOH 6=Ascorbic Acid  
7=CH<sub>3</sub>OH 8=NaHSO<sub>4</sub> 9=\_\_\_\_\_ 10=\_\_\_\_\_

DW=Drinking Water GW=Groundwater WW=Wastewater  
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air  
X1=\_\_\_\_\_ X2=\_\_\_\_\_ X3=\_\_\_\_\_

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses:	QA Reporting Notes: (check if needed)
3973108871	MW-309D	1/21/08	14:40	G	GW		3						<input type="checkbox"/> Provide MA DEP MCP CAM Report <input type="checkbox"/> Provide CT DPH RCP Report
	Q.65P MW-308	1/21/08	15:50	G	GW		3						<input type="checkbox"/> QA/QC Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> No QC <input type="checkbox"/> Other _____ State specific reporting standards:
	1.05 TR.P Blank	1/21/08	17:00	G	GW		2						

Fax results when available to ( ) \_\_\_\_\_

E-mail to phaskell@ensr.com

EDD Format \_\_\_\_\_

Condition upon receipt:  Ice  Ambient  °C 30

Relinquished by: Kushalaya Received by: Kar Puri Date: 1/22/08 Time: 11:10

Rei Puri Rei Puri Date: 1/22/08 Time: 14:00

Rei Puri Date: 1/22/08 Time: 16:05