



Shaw Environmental, Inc.

11 Northeastern Boulevard  
Salem, NH 03079-1953  
603.870.4500  
Fax: 603.870.4501

June 23, 2006  
Project 101960

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

**Re: Status Report-May 2006 Sampling Event and  
April-May Additional Investigation Activities  
Former Gorham Manufacturing Facility  
333 Adelaide Avenue, Providence, RI  
Site Remediation Case No. 97-030**

Dear Mr. Martella:

Shaw Environmental, Inc. (Shaw) has prepared this status report on behalf of Textron, Inc. (Textron). This status report is for the remediation of tetrachloroethene (PCE) contaminated groundwater at the former Gorham Manufacturing Facility at 333 Adelaide Avenue, Providence, Rhode Island (Figure 1).

PCE is the primary contaminant of concern for groundwater. As discussed in the Remedial Action Work Plan and subsequent revisions, the PCE source area in the vicinity of the former building W is the area of concern. This area was treated using an in-situ application of sodium permanganate.

Shaw has performed two rounds of in situ chemical oxidation (ISCO) injections at the site. The treatment goal for the site is 7,700 micrograms per liter ( $\mu\text{g}/\text{L}$ ) for PCE in groundwater, as per the Remedial Action Work Plan (RAWP) dated November 28, 2001 and approved by the Rhode Island Department of Environmental Management (RIDEM) in a letter dated March 15, 2002. For the first ISCO injection, performed in March and April 2002, approximately 27,000 pounds of sodium permanganate was applied to the treatment zone at the former Gorham Manufacturing Facility.

A revised RAWP was prepared by Shaw dated June 11, 2004 providing a plan for the follow-on injection of sodium permanganate as part of the remediation of PCE contaminated groundwater.

Mr. Joseph T. Martella, II  
June 23, 2006  
Page 2 of 11

The Revised RAWP was approved by RIDEM in a letter dated July 27, 2004. The follow-on permanganate injections were started on September 28 and finished on October 4, 2004. Approximately 24,400 pounds of oxidant as sodium permanganate were applied to the treatment area. Quarterly groundwater monitoring has been conducted since completion of the follow-on injection.

A recent RAWP Addendum was prepared by Shaw dated November 21, 2005 providing additional investigation activities to develop additional data on source area conditions needed to assess further remedial actions required to achieve the remediation of the PCE source area. This status report describes the field work, sampling results, and information collected from the activities conducted in accordance with the approved RAWP Addendum dated November 21, 2005 and conditionally approved by RIDEM in a letter dated January 6, 2006. The conditional approval required the installation and sampling of compliance wells along Adelaide Avenue and the boundary between the Stop&Shop property and Parcel B to the west of the PCE source area. In addition, this report includes quarterly monitoring activities for May 2006 conducted in accordance with the Revised RAWP dated June 11, 2004.

## **FIELD ACTIVITIES**

The following field activities were conducted in April and May 2006.

- Additional source area investigation activities were conducted between April 6 and April 25, 2006. The additional investigation activities included soil sampling, monitoring well installation and groundwater sampling of the new wells installed. (See Figure 1)
- As requested by RIDEM's comments and conditions letter dated January 6, 2006 in response to the RAWP Addendum, additional compliance wells were installed on May 1, 2006 through May 3, 2006 to the south of MW-101S and MW-101D and along the perimeter of the Parcel B Boundary. (See Figure 1)
- As part of the post sodium permanganate injection monitoring, a quarterly groundwater sampling event was conducted on May 3, 2006.
- An initial groundwater sampling round of the new compliance wells installed on May 1 through May 3, 2006 was conducted on May 10, 2006.

### Additional Source Area Investigation Activities (Soil Sampling, Well Installation and Groundwater Sampling)

Additional investigation activities were conducted to obtain additional data on source area conditions. On April 6 through April 13, 2006 six soil borings were advanced in order to define the horizontal and vertical extent of PCE and residual source VOCs in the unsaturated and saturated zones of the apparent source area based on recent groundwater data. The soil borings were advanced via vibratory drilling methods and completed as 1.32" monitoring wells. The locations of the soil borings/monitoring wells are shown on Figure 1 and Figure 2 (shown as

wells MW-210, MW-211, MW-212, MW-213, MW-214, and MW-215). Boring logs are contained in Appendix A. The drilling services were performed by Pine and Swallow Associates (Pine) of Groton, MA and overseen by a Shaw Environmental field geologist.

Prior to drilling, all subsurface locations were cleared to a depth of 5 feet below ground surface (bgs) using an air-knife. Soil samples were collected at four foot intervals from 5 feet bgs following the utility clearance by air-knife. Soil samples were collected via dedicated plastic sample liners used in the VibraDrill H641 drill rig. Soil samples were collected for geologic logging and field screening for the presence of volatile organic vapors and residual source VOCs. Select samples were submitted to the laboratory for analysis. Based on historical subsurface data collected from the source area, a confining silt layer is present at an approximate depth of 50 to 60 feet bgs. As a result, the source area soil borings were advanced to the depth of approximately 5 feet into the silt layer. The depth of the confining silt layer ranged from 45 to 60 feet bgs. Further details on the silt layer at each boring are provided in the *Source Area Well Installations* Table provided below.

<b>Source Area Well Installations</b>			
<b>Well ID</b>	<b>Location</b>	<b>Screen Interval</b>	<b>Approximate Top of Confining Silt Interval</b>
MW-210	Approximately 20 feet northwest of MW-101S and MW-101S locations.	40 to 50 ft. bgs	51 ft. bgs
MW-211	Approximately 15 feet northeast of MW-101S and MW-101D.	35 to 45 ft. bgs	45 ft. bgs
MW-212	Approximately 35 feet west of MW-101S and MW-101D	39 to 49 ft. bgs	49 ft. bgs
MW-213	Approximately 30 feet northwest of MW-101S and MW-101D.	35 to 45 ft. bgs	45 ft. bgs
MW-214	Approximately 10 ft northeast if MW-202D.	50 to 60 ft. bgs	60 ft. bgs
MW-215	Approximately 10 feet southwest of MW-202S	44 to 54 ft. bgs	54 ft. bgs

Soil samples collected from each interval were placed in jars for headspace screening and screened for volatile organic vapors using a Mini Rae 2000 photoionization detector (PID) equipped with a 10.6 electron-volt lamp. PID readings ranged from 0 to 7,800 parts per million by volume (ppmv). The highest PID screening values were detected at SB-210. Generally, higher PID values were measured at the water table and within the saturated zone for each boring.

In addition, soil samples collected from select sample intervals were screened for the presence of residual source VOCs by use of the OilScreenSoil (Sudan IV)™ dye test kit. Soil was placed in a Sudan IV test bottle to the line indicated on the bottle and hot water was added to the test bottle to the line indicated on the bottle. The test bottle containing soil and hot water was shaken until the red Azo dye completely dissolved in the contents of the test bottle. The presence of residual source VOCs (at a concentration greater than 500 ppm) is indicated by a red meniscus or red spots on the side of the jar. The soil samples selected for the Sudan Dye Testing were generally within the saturated zone where evidence of impacts was present. Based on the Sudan IV tests conducted, residual source VOCs were detected in one soil boring, SB-210 at 27 to 31 feet bgs and 43 to 46 feet bgs.

Soil samples submitted for laboratory analysis were based on evidence of impacts according to visual and olfactory observation, headspace screening, and residual source VOC test kit screening. Soil samples were submitted to Severn Trent Laboratory of Westfield, Massachusetts (STL) for analysis of volatile organic compounds (VOCs) by EPA Method 8260B and for analysis of percent solids. The samples for VOC analysis were collected by placing 10 grams of soil using an open ended syringe directly into 10 milliliters of methanol to prevent loss of volatile compounds. A copy of the laboratory analytical report is included in Appendix B and a summary of the soil analytical results is provided in Table 1.

Soil samples were also collected for soil oxidant demand (SOD), total organic carbon (TOC) and fractional organic carbon (FOC) analyses. Four soil samples were collected from soil borings within the source area and included the following; SB-210 (30-31 feet bgs), SB-210 (43-46 feet bgs), SB-214 (57 to 61 feet bgs), and SB-213 (37-39 feet bgs) and a 1 liter groundwater sample from MW-101D. The samples collected for SOD were submitted to Shaw Environmental, Inc., Technology Applications Group in Knoxville Tennessee for analysis. A copy of the laboratory analytical report is provided in Appendix C.

The soil borings were completed as monitoring wells. The monitoring wells were set above the confining silt layer. Each monitoring well consists of a 1.32" steel pipe with a 10 foot section of steel screen with 2 inch by 0.015 inch vertical slots and a 2 foot steel sump below the screen. A summary of the source area monitoring wells is provided in the *Source Area Well Installations* table above.

Groundwater samples were collected from the six monitoring wells (MW-210 through MW-215) on April 20, 2006. The groundwater samples were collected via a modified low flow methodology. Each well was purged for 30 to 40 minutes prior to collecting a sample. Field parameters were recorded and included oxidation/reduction potential (ORP), dissolved oxygen (DO), pH, temperature, specific conductance (SC) and turbidity. An initial water level measurement was recorded prior to purging the well and a final measurement upon completion of the well purge and sample collection. In addition, each well was gauged for free product using an interface probe.

A summary of the field measurements are included in Table 2. The groundwater samples collected from each monitoring well were submitted to STL for analysis of VOCs by EPA Method 8260B, chemical oxygen demand (COD) by EPA Method 410.4 and chloride by EPA

Method 300.0. No free product was detected in any of the wells. A summary of the analytical results is provided in Table 4, and a copy of the laboratory analytical results is included in Appendix B.

On April 25, 2006, groundwater samples were collected from two existing site wells in the source area (MW-101D and MW-202D) and one well up-gradient of the source area (MW-116D) in order to evaluate the presence of bacteria able to dechlorinate PCE and environmental conditions for the anaerobic degradation of PCE. The groundwater samples were collected via a modified low flow methodology. Each well was purged for 30 to 40 minutes prior to collecting a sample. Field parameters were recorded and included oxidation/reduction potential (ORP), dissolved oxygen (DO), pH, temperature, specific conductance (SC) and turbidity. In addition, an initial water level measurement was recorded prior to purging the well and a final measurement upon completion of the well purge and sample collection.

A summary of the field measurements are included in Table 2. The groundwater samples were submitted to Shaw Environmental Inc., laboratory in Lawrenceville, NJ for analysis of total and dissolved iron and manganese, reduced gases - methane, ethane, ethene (M/E/E) and anions. In addition, a groundwater sample was collected from MW-101D, MW-202D, and MW-116D for analysis for the presence of the bacteria, *Dehalococcoides* (DHC) species, in groundwater by polymerase chain reaction (PCR) analysis. This sample was collected under a nitrogen blanket to minimize exposure to atmospheric air and the sample bottle was completely filled in order to eliminate the headspace within the sample bottle, which was capped with a Teflon-lined cap. The groundwater sample collected for PCR was submitted to Shaw Environmental Inc., Technology Applications Group in Knoxville Tennessee for analysis. A summary of the results is included in Table 5, and a copy the laboratory analytical report is included in Appendix B.

#### Additional Compliance Well Installation and Sampling

Three sets of well clusters (MW-216, MW-217 and MW-218) were installed on May 1 through May 3, 2006. These wells were installed to comply with RIDEM's request for additional monitoring wells at approximately the same screen intervals as MW-101S and MW-101D. RIDEM requested two well clusters along the Parcel B boundary located at western edge of the Stop & Shop boundary (MW-216 and MW-217) and one well cluster along Adelaide Ave boundary of the site, south of MW-101S and MW-101D (MW-218). Shallow and deep well pairs were installed at each well cluster. The locations of the monitoring wells are shown on Figure 1. Boring logs are contained in Appendix A. Drilling services were performed by Technical Drilling Services (TDS) of Sterling, MA and overseen by a Shaw Environmental field geologist.

Prior to drilling, all subsurface locations were cleared to a depth of 5 feet below ground surface (bgs) using an air-knife. The monitoring wells were installed via hollow stem auger (HSA) drilling methods. Soil samples were collected at the deeper monitoring wells at 5 foot intervals from 5 feet bgs following the utility clearance by air-knife. Soil samples were collected via a 2 foot, 2-inch diameter stainless steel split spoon sampler advanced by dropping a 140 pound weight from a height of 30 inches. Soil samples were collected for geologic logging and field screening for the presence of volatile organic vapors and residual source VOCs. Based on historical subsurface data collected from the source area, a confining silt layer is present at an

Mr. Joseph T. Martella, II

June 23, 2006

Page 6 of 11

approximate depth of 60 feet bgs. As a result, the deeper monitoring wells were advanced to the depth of the confining silt layer and extended 5 feet into the silt layer to confirm the depth of the confining silt layer.

Soil samples collected from the deep monitoring wells were screened for volatile organic vapors by placing soil from each soil interval into jars for headspace screening and screen using a Mini Rae 2000 PID equipped with a 10.6 electron-volt lamp. PID readings ranged from 0 to 218 ppmv. The highest PID screening values were detected at MW-216D. A strong petroleum odor, black staining and a petroleum sheen were noted during the installation of the MW-216 well cluster. A petroleum odor was also noted during the installation of the MW-217 well cluster, however no sheen or black staining were noted and PID screening values ranged from 0 to 29.6 ppmv. No petroleum odor, black staining or sheen was detected at the MW-218 well cluster and PID readings ranged from 0 to 32 ppmv. There was no evidence of residual source VOCs at any of these well clusters.

Each of these monitoring wells consists of 2-inch PVC with a 2-inch PVC 0.010-inch slot screen. The deeper monitoring well in each well cluster is screened above the confining silt layer and the shallow well in each well cluster is screened at the water table. Water was encountered at 25 feet bgs at each monitoring well cluster. A summary of the new compliance monitoring well information is provided below.

New Compliance Well Installations			
Well ID	Location	Screen Intervals	Approximate Top of Confining Silt Interval
MW-216S / MW-216D	Approximately 175 ft north of Adelaide Ave along Parcel B boundary.	20 to 30 ft. bgs 35 to 40 ft. bgs	40 ft. bgs
MW-217S / MW-217D	Approximately 285 ft north of Adelaide Ave along Parcel B boundary.	20 to 30 ft bgs 39 to 49 ft. bgs	49 ft. bgs
MW-218S / MW-218D	Approximately 40 ft south of MW-101S and MW-101D along Adelaide Ave.	20 to 30 ft bgs 42 to 52 ft. bgs	52 ft. bgs

Groundwater samples were collected for analysis for VOCs by EPA Method 8260B on May 10, 2006 from the six new compliance monitoring wells. Groundwater samples were submitted to STL for analysis. A copy of the laboratory analytical report is provided in Appendix B and a summary of the analytical data is provided in Table 6.

Mr. Joseph T. Martella, II

June 23, 2006

Page 7 of 11

### Quarterly Monitoring Activities

Collection of groundwater samples and field parameter measurements occurred on May 3, 2006. Field measurements included oxidation/reduction potential (ORP), dissolved oxygen (DO), pH, temperature, and specific conductance (SC). Groundwater elevation measurements were also collected. These results are presented in Tables 2, 3 and 7.

Based on the measured water levels collected during the quarterly monitoring sampling event (May 3, 2006) and collected during the compliance well sampling (May 10, 2006), the depth to groundwater in the shallow overburden across the site ranged from 24.16 feet to 26.35 feet. A summary of the water level measurements and groundwater elevations is provided in Table 3. A groundwater contour map is presented as Figure 2 and indicates that groundwater flow direction is to the north and northeast.

### Quarterly Groundwater Sampling

Groundwater samples were collected for analysis for volatile organic compounds (VOCs) (EPA Method 8260B), chloride (EPA Method 300.0 Part A), and chemical oxygen demand (COD) (Hach 8000) on May 3, 2006 from 20 monitoring wells within and around the treatment area and including the compliance wells. One duplicate sample was also collected for VOC analysis. Groundwater samples were delivered to AMRO Environmental Laboratories Corporation in Merrimack, New Hampshire for analysis.

## **SUMMARY OF ANALYTICAL DATA**

The following is a summary of the analytical data associated with field activities conducted in April and May 2006.

### Additional Source Area Investigation (Soil and Groundwater Sampling)

Based on the analytical results for soil samples collected for VOC analysis, PCE concentrations were detected in all soil samples analyzed. The PCE concentrations ranged from 2,500 to 77,000,000 µg/kg. The highest PCE concentrations were detected at SB-210 at sample interval 30 to 31 feet bgs at a concentration of 77,000,000 µg/kg and at sample interval 43 to 46 feet bgs at a concentration of 4,400,000 µg/kg. These results indicate that SB-210 is located within a residual VOC source area since the PCE concentrations are significantly higher than soil samples collected from surrounding soil boring locations and at concentrations that indicated residual source VOCs are present (i.e., higher than what could theoretically partition between the dissolved phase and the organic carbon present within the soil matrix). The presence of residual source VOCs was also indicated by the positive test results using the field test kit. Other VOCs detected in the soil samples collected include trichloroethene, bromomethane, 1,1-dichloropropene, 1,1-dichloroethene, and 1,1,2-trichloroethane. The concentrations of these compounds ranged from 21 to 620 µg/kg. A summary of the soil analytical results is provided in Table 1.

In addition, the results for the soil samples collected for SOD, TOC and FOC are presented in Appendix C. Based on the analytical summary provided, the SOD results for the samples collected from SB-210 indicated very high oxidant demand of 21 and 23 g/kg. Calculation of the SOD based on the PCE mass in the sample from SB-210 (30-31 feet bgs) indicates a theoretical demand of approximately 100 g/kg. The lower than predicted result may be due to the SOD test method, which uses test jars with a headspace where PCE can volatilize from the sample. The SOD results for the samples collected from SB-213 and SB-214 (1.6 g/kg and 2.0 g/kg, respectively) were similar to earlier SOD results of between 1.4 g/kg and 2.7 g/kg for samples collected in March 2004.

Based on the analytical results for the groundwater samples collected from the new monitoring wells installed within the source area (MW-210 through MW-215), PCE was detected in all groundwater samples. The PCE concentrations found in wells MW-210, MW-211, MW-214, and MW-215, are equal to or above the treatment goal of 7,700 ug/L. The chloride and COD results for the groundwater samples are consistent with the results from previous quarterly monitoring results for chloride and COD.

Based on the results of the PCR analysis for groundwater within the source area, DHE bacteria were not detected in the groundwater samples submitted for analysis. However, the presence of PCE biodegradation breakdown products (including: 1,1-Dichloroethene, cis-1,2-Dichloroethene, trichloroethene, and vinyl chloride) in groundwater samples indicates that biodegradation is occurring. A summary of the PCR results is included in Table 5 and a copy of the laboratory report is provided in Appendix D.

#### Compliance Well Sampling

PCE was not detected in groundwater samples collected from compliance wells MW-216S, MW-216D, MW-217S and MW-217D. PCE was detected in MW-218S and MW-218D located south of MW-101S and MW-101D at concentrations of 290 and 990 ug/L respectively, which exceeds the RIDEM's GB compliance standard of 150 ug/L. No other VOCs exceed the GB Groundwater Objectives listed in Table 4 of the Remediation Regulations where listed. Other detected VOCs in groundwater samples collected from the compliance wells include vinyl chloride, methyl tert-butyl ether, cis-1,2-dichloroethene, benzene, trichloroethene, 1,1,2-trichloroethane, acetone, toluene, m,p-xylene, o-xylene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, naphthalene and 2-butanone. Naphthalene was detected in groundwater samples collected from MW-216S and MW-217S located along the Western edge of the Stop & Shop Boundary, along the Parcel B boundary. A summary of the analytical data associated with the compliance wells is included in Table 6 and a copy of the laboratory report is provided in Appendix B.

#### Quarterly Groundwater Sampling

The PCE concentrations found in wells MW-202D, MW-202S, MW-207D, and MW-207S, are currently above the treatment goal of 7,700 ug/L. The detected PCE concentration found in MW-101D was lower than previous sampling rounds. The reduced concentration may be

Mr. Joseph T. Martella, II  
June 23, 2006  
Page 9 of 11

attributed to heavy rain that occurred on the day of sampling event. Due to surface water that was puddling above the well casing on May 3, 2006, monitoring well, MW-101S, was sampled on May 10, 2006. The detected PCE concentration found in MW-101S was also lower than previous rounds and may be attributed to the recent heavy rain events. Other detected VOCs from the treatment area include cis-1,2-dichloroethene, trichloroethene, 1,1,1-trichloroethane, trichlorofluoromethane, 1,1,-dichloroethene, 1,1,-dichloroethane, methyl tert-butyl ether, 1,1,1,2-tetrachloroethane, carbon tetrachloride, and benzene.

A summary of the analytical data associated with the treatment area is contained in Table 7 and a copy of the laboratory analytical report is provided in Appendix B. A summary of PCE concentrations across the site are depicted on Figure 3. As indicated on Figure 3, the highest PCE concentrations are within the vicinity of monitoring wells MW-210, MW-211, MW-215, MW-202S and MW-202D. Also, noted on the map, the February 23, 2006 PCE results from MW-101S and MW-101D are shown rather than the May 2006 results due to the possibility that concentrations were reduced as a result of heavy rain.

## FUTURE ACTIVITIES

The sampling results and information collected during the additional source area investigation activities and the recent groundwater sampling events will be used to develop a RAWP addendum. It is anticipated that a RAWP addendum will be prepared and submitted to RIDEM in approximately 60 days.

Field parameter measurements, groundwater elevation measurements, and groundwater sampling will continue on a quarterly basis. The next quarterly sampling event is scheduled for August 2006. The next compliance well and quarterly sampling event is scheduled for November 2006.

If you have any questions, please contact Ed Van Doren at (603) 870-4530.

Sincerely,

**SHAW ENVIRONMENTAL, INC.**



Edward P. Van Doren, PE, LSP  
Project Manager

Mr. Joseph T. Martella, II

June 23, 2006

Page 10 of 11

Attachments:

### **Tables**

Table 1 – Soil Analytical Results

Table 2 – Field Parameters (April and May 2006)

Table 3 – Groundwater Elevations (May 3, 2006)

Table 4 – Groundwater Analytical Results – Source Area Monitoring Wells (April 20, 2006)

Table 5 – Groundwater Analytical Results for Biostimulation/Bioaugmentation Evaluation (April 25, 2006)

Table 6 – Groundwater Analytical Results – New Compliance Wells (May 10, 2006)

Table 7 – Groundwater Analytical Results – Quarterly Monitoring (May 3, 2006)

### **Figures**

Figure 1 – Site Plan

Figure 2 – Groundwater Contour Map (May 2006)

Figure 3 – PCE Plume Map (February, April and May 2006)

### **Appendices**

Appendix A - Boring Logs

Appendix B – Laboratory Analytical Data

Appendix C – Soil Oxidant Demand Analysis Results

Appendix D – Polymerase Chain Reaction Analysis Results

cc: Craig Roy, RIDEM OWR

Greg Simpson, Textron

Dave McCabe, Textron

Jamieson Schiff, Textron

Thomas Dellar, City of Providence

Amelie Mailoux, Stop & Shop

Ronald Ruth, Sherin and Lodgen

Mr. Joseph T. Martella, II  
June 23, 2006  
Page 11 of 11

## CERTIFICATIONS

The following certifications are provided pursuant to Rule 9.19 of the Remediation Regulations:

I, Edward P. Van Doren, as an authorized representative of Shaw Environmental, Inc. and the person responsible for the preparation of this Status Report dated June 23, 2006, certify that the information contained in this report is complete and accurate to the best of my knowledge.



Edward P. Van Doren, PE, LSP  
Project Manager



Date:

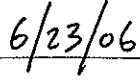
We, Textron, Inc., as the party responsible for submittal of this Status Report, certify that this report is a complete and accurate representation of the contaminated site and the release, and contains all known facts surrounding the release, to the best of our knowledge.

Certification on behalf of Textron Inc.



---

Gregory L. Simpson  
Project Manager



Date:

## **TABLES**

**Table 1**  
**Soil Analytical Results**  
**Positive Hits Only**  
**Former Gorham Manufacturing Facility**  
 Providence, Rhode Island

	SB-210 SB-210 (30-31') 4/6/2006	SB-210 SB-210 (43-46') 4/6/2006	SB-210 4/6/2006	SB-211 4/10/2006	SB-211 (36') 4/10/2006	SB-211 (45') 4/10/2006	SB-212 4/12/2006	SB-212 (38') 4/12/2006	SB-212 (38') 4/13/2006	SB-213 4/11/2006	SB-213 (38') 4/11/2006	SB-214 4/11/2006	SB-214 (48') 4/11/2006	SB-214 (48') 4/11/2006	SB-215 4/7/2006	SB-215 (54') 4/7/2006
Sample Depth <b>CONSTITUENT (ug/kg)</b>	30.5 44.5	36 48	36 45	32 38	32 38	38 38	38 38	38 38	38 38	28 28	48 48	40 40	54 54			
1,1,2-Trichloroethane	<160000	<72000	240	<170	<720	<140	<670	<140	<150	[21]J	[31]J	<140	<140	<720	<720	
1,1-Dichloroethene	<160000	<72000	230	<170	<720	<140	<670	<140	<150	<150	<130	<140	<140	<720	<720	
1,1-Dichloropropene	<160000	<72000	<140	<170	<720	<140	<670	<140	<150	[69]J	[68]J	<130	<140	<720	<720	
Bromomethane	<310000	<140000	<280	<340	<1400	<1400	[46]J	<1300	<290	<300	<270	<280	<1400	<1400		
Tetrachloroethene	77000000	4400000	4000	9400	49000	13000	50000	12000	2500	3400	3900	48000				
Trichloroethene	<160000	<72000	620	<170	<720	<140	<670	<140	<150	<150	<130	<140	<140	<720	<720	

Notes:

ug/kg = micrograms per kilogram

< = Compound was not detected. Value indicated is the method reporting limit.

**Table 2**  
**Summary Field Parameters**  
**April - May 2006**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

Well ID	Date	pH (STD)	Temperature (C°)	Specific Conductance (us/cm)	Dissolved Oxygen (mg/l)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
<b>Source Area Investigation</b>							
MW-210	4/20/2006	6.81	16.75	932	2.23	-401.7	32.3
MW-211	4/20/2006	5.50	17.12	1016	0.98	-466	20.7
MW-212	4/20/2006	6.09	18.10	919	0.98	-463	11.1
MW-213	4/20/2006	6.40	17.38	1406	2.18	-406.9	15.9
MW-214	4/20/2006	5.72	16.78	1403	1.5	-460	39.7
MW-215	4/20/2006	6.41	16.7	1257	1.27	-387	14.4
<b>Biostimulation/Bioaugmentation Sampling</b>							
MW-101D	4/25/2006	6.75	15.89	155	0.55	86.5	11.4
MW-202D	4/25/2006	5.69	16.02	1126	0.16	197	30.6
MW-116D	4/25/2006	4.86	15.87	515	0.91	293	71
<b>Quarterly Groundwater Sampling</b>							
MW-101S	5/10/2006	5.49	14.30	0.075	0.26	86.2	NM
MW-101D	5/3/2006	7.34	14.22	28	8.14	60.7	NM
MW-112	5/3/2006	5.99	14.23	405	4	223.1	NM
MW-116S	5/3/2006	5.74	13.52	126	8.78	262.4	NM
MW-116D	5/3/2006	5.28	13.7	513	2.64	267.7	NM
MW-201S	5/3/2006	6.62	14.29	1038	1.66	51.4	NM
MW-201D	5/3/2006	7.04	14.21	1896	0.3	-106.9	NM
MW-202S	5/3/2006	5.92	14.51	577	4.53	193.5	NM
MW-202D	5/3/2006	5.97	14.86	1135	0.66	233.7	NM
MW-203S	5/3/2006	6.13	14.32	725	0.62	163.2	NM
MW-203D	5/3/2006	6.18	14.13	650	1.35	149	NM
MW-204S	5/3/2006	7.2	14.56	24	10.35	180.8	NM
MW-204D	5/3/2006	6.46	14	1595	0.99	205.4	NM
MW-205	5/3/2006	6.52	14.73	153	2.9	19.1	NM
MW-206S	5/3/2006	6.63	14.11	902	1.67	188.3	NM
MW-206D	5/3/2006	6.43	14.29	606	0.89	180.6	NM
MW-207S	5/3/2006	6.15	14.9	1165	0.7	188	NM
MW-207D	5/3/2006	6.39	14.3	1052	1.53	266.2	NM
MW-208S	5/3/2006	5.74	14.7	1053	0.3	155.1	NM
MW-208D	5/3/2006	5.56	14.59	908	0.54	211.2	NM
MW-209D	5/3/2006	7.22	13.92	650	1.24	156.4	NM
<b>Compliance Well Sampling</b>							
MW-216D	5/10/2006	6.48	13.56	2.870	3.58	24.1	NM
MW-216S	5/10/2006	6.72	13.44	0.488	0.14	-103.2	NM
MW-217D	5/10/2006	6.48	13.48	0.265	0.78	-4.0	NM
MW-217S	5/10/2006	6.71	13.44	0.739	0.29	-18.3	NM
MW-218D	5/10/2006	6.43	13.75	0.451	2.66	81.6	NM
MW-218S	5/10/2006	5.65	13.54	0.445	0.84	155.6	NM
<b>Note</b>							
C° = degrees Celsius							
us/cm = microsiemens per centimeter							
mg/l = milligrams per liter							
mV = milli volts							
NM = Not Measured							

**Table 3**  
**Water Table Elevations**  
**May 2006**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

Location	Date	Reference Elevation (Feet)	Depth to Water (Feet)	Groundwater Elevation (Feet)
MW-101D	5/3/2006	98.90	24.72	74.18
MW-101S	5/10/2006	98.90	24.63	74.27
MW-112	5/3/2006	100.63	26.35	74.28
MW-116D	5/3/2006	98.92	24.65	74.27
MW-116S	5/3/2006	99.40	25.08	74.32
MW-201D	5/3/2006	98.80	24.60	74.20
MW-201S	5/3/2006	98.75	24.56	74.19
MW-202D	5/3/2006	98.18	24.03	74.15
MW-202S	5/3/2006	98.00	23.92	74.08
MW-203D	5/3/2006	98.91	24.65	74.26
MW-203S	5/3/2006	98.92	24.37	74.55
MW-204D	5/3/2006	98.88	24.76	74.12
MW-204S	5/3/2006	98.84	24.70	74.14
MW-205	5/3/2006	99.47	25.21	74.26
MW-206D	5/3/2006	98.71	24.56	74.15
MW-206S	5/3/2006	98.55	24.40	74.15
MW-207D	5/3/2006	98.18	24.06	74.12
MW-207S	5/3/2006	98.28	24.16	74.12
MW-208D	5/3/2006	99.68	25.53	74.15
MW-208S	5/3/2006	99.50	25.35	74.15
MW-209D	5/3/2006	100.47	26.19	74.28
MW-216S	5/10/2006	99.58	25.33	74.25
MW-216D	5/10/2006	98.69	25.33	73.36
MW-217S	5/10/2006	98.71	24.82	73.89
MW-217D	5/10/2006	98.65	24.79	73.86
MW-218S	5/10/2006	99.61	25.41	74.20
MW-218S	5/10/2006	99.67	25.48	74.19
<b>Note:</b>				
Groundwater elevations are based on an arbitrary reference datum established for the site.				

**Table 4**  
**Groundwater Analytical Results - Source Area Monitoring Wells (April 20, 2006)**  
**Positive Hits Only**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

CONSTITUENT	UNITS	MW-210 4/20/2006	MW-211 4/20/2006	MW-212 4/20/2006	MW-213 4/20/2006	MW-214 4/20/2006	MW-215 4/20/2006
Methylene Chloride	(ug/l)	520J	<1000	<40	<400	<1000	<1000
Tetrachloroethene	(ug/l)	13000	33000	850	4900	7700	25000
Trichloroethene	(ug/l)	410J	<500	<20	190J	<500	<500
Chloride	(mg/l)	130	280	150	300	290	290
Chemical Oxygen Demand	(mg/l)	<20	<20	<20	<20	27	<20

Notes:

< = Compound was not detected. Value indicated is the method reporting limit.

J = Estimated Value

**Table 5**  
**Groundwater Analytical Results for Biostimulation/Bioaugmentation Evaluation**  
**April 25, 2006**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

Sample ID	MW-101D 4/25/2006	MW-202D 2/23/2006	MW-116D 2/24/2006
<b>CONSTITUENT (ug/l)</b>			
Chloride	17.6	236	108
Sulfate as SO <sub>4</sub>	21.0	94.5	45.0
Nitrite as N	<0.1	<0.1	<0.1
Phosphate as P, ortho	0.27	<0.1	<0.1
Nitrate as N	0.13	3.25	5.08
<b>CONSTITUENT (mg/l)</b>			
Methane	22.7	7.39	5.60
Ethane	<2.0	3.17	<2.0
Ethene	<2.0	0.91J	<2.0
<b>CONSTITUENT (ug/l)</b>			
Total Iron	2190	3050	4690
Total Manganese	828	2120	133
Dissolved Iron	30	30	144
Dissolved Manganese	59.1	1820	77.5
<b>CONSTITUENT (cells/milliliter)</b>			
<i>Dehalococcoides</i> sp. <sup>(1)</sup>	<1.0 x 10 <sup>1</sup>	<1.0 x 10 <sup>1</sup>	NA
Notes:			
ug/L = microgram per liter			
mg/L = milligram per liter			
NA = Not Analyzed			
< = compound was not detected. Value indicated is the method reporting limit.			
(1) <i>Dehalococcoides</i> : Positive Control = 1.0 x 1 <sup>5</sup> and 1.0 x 10 <sup>4</sup> Negative Control = 1.0 x 10 <sup>1</sup>			

**TABLE 6**  
**Groundwater Analytical Results - New Compliance Wells**  
**May 10, 2006**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

CONSTITUENT (ug/l)	MW-216D 5/10/2006	MW-216S 5/10/2006	MW-217D 5/10/2006	MW-217S 5/10/2006	MW-218D 5/10/2006	MW-218S 5/10/2006
1,1,2-Trichloroethane	<2	<2	<2	<2	4.3	<2
1,1-Dichloroethene	<1	<1	<1	<1	19	<1
1,2,4-Trimethylbenzene	<2	12	<2	<2	<2	<2
1,3,5-Trimethylbenzene	<2	9.5	<2	<2	<2	<2
2-Butanone	<10	<10	<10	12	<10	<10
Acetone	<10	10	<10	<10	<10	<10
Benzene	<1	<1	<1	<1	<1	6
cis-1,2-Dichloroethene	<2	170	68	33	25	450
m/p-xylene	<2	3.7	<2	<2	<2	<2
Methyltert-butylether	<2	<2	<2	<2	<2	3.9
Naphthalene	<5	21	<5	17	<5	<5
o-Xylene	<2	6.2	<2	<2	<2	<2
Tetrachloroethene	<2	<2	<2	<2	990	290
Toluene	<2	2.9	<2	<2	<2	<2
Trichloroethene	4.2	<2	69	<2	440	25
Vinyl chloride	<2	<2	<2	<2	<2	22
<b>CONSTITUENT (mg/l)</b>						
Chloride	---	---	---	---	---	---
COD	---	---	---	---	---	---

**Notes:**

ug/L = microgram per liter

mg/L = milligram per liter

< = compound was not detected.

Value indicated is the method reporting limit.

J = estimated result value.

COD = chemical oxygen demand

**TABLE 7**  
**Groundwater Analytical Results - Quarterly Monitoring**  
**May 3, 2006**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

CONSTITUENT (ug/l)	MW-101D 5/3/2006 Primary	MW-101S 5/10/2006 Primary	MW-112 5/3/2006 Primary	MW-116D 5/3/2006 Primary	MW-116S 5/3/2006 Primary	MW-201D 5/3/2006 Primary	MW-201S 5/3/2006 Primary	MW-202D 5/3/2006 Primary	MW-202S 5/3/2006 Primary
	5/3/2006	<2	<2	<2	<2	<2	<2	<20	4.3
1,1,1,2-Tetrachloroethane	<2	<2	<2	<2	<2	<2	8.2	5.1	7.2
1,1,1-Trichloroethane	<2	<2	<2	<2	<2	2.2	<2	<2	3.7
1,1,2-Trichloroethane	<2	<2	<2	<2	<2	3.7	<2	<2	<2
1,1-Dichloroethane	<2	<2	<2	<2	<1	9.6	<1	<1	<1
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	1.4	2
Benzene	<1	<1	<1	<1	<1	<1	<1	1.4	1.2
Carbon tetrachloride	<2	<2	<2	<2	<2	<2	<2	12	2.6
cis-1,2-Dichloroethene	5.9	660	<2	<2	<2	26	<2	44	90
Methyltert-butylether	<2	<2	69	10	3.9	<2	7.3	<2	<2
Tetrachloroethene	80	<2	62	<2	<2	3300	1200	35000	46000
Toluene	<2	350	<2	<2	<2	<2	<2	<2	<2
Trichloroethene	6	<2	19	<2	<2	350	160	140	53
Trichlorofluoromethane	<2	<1	<2	<2	<2	<2	2.3	<2	<2
Vinyl chloride	<2	14	<2	<2	<2	<2	<2	<2	<2
o-Xylene	<2	3.9	<2	<2	<2	<2	<2	<2	<2
<b>CONSTITUENT (mg/l)</b>									
Chloride	3.5	16	87	120	20	36	230	<25	120
COD	140	640	<50	<50	<50	64	57	64	<50
								64	73

**Notes:**

ug/L = microgram per liter  
mg/L = milligram per liter

< = compound was not detected.  
Value indicated is the method reporting limit.

J = estimated result value.  
COD = chemical oxygen demand

**TABLE 7**  
**Groundwater Analytical Results - Quarterly Monitoring**  
**May 3, 2006**  
**Former Gorham Manufacturing Facility**  
**Providence, Rhode Island**

CONSTITUENT (ug/l)	MW-203D 5/3/2006 Primary	MW-203S 5/3/2006 Primary	MW-204D 5/3/2006 Primary	MW-204S 5/3/2006 Primary	MW-205 5/3/2006 Primary	MW-206D 5/3/2006 Primary	MW-206S 5/3/2006 Primary	MW-207D 5/3/2006 Primary	MW-207S 5/3/2006 Primary	MW-208D 5/3/2006 Primary	MW-208S 5/3/2006 Primary	MW-209D 5/3/2006 Primary	
	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	
1,1,1,2-Tetrachloroethane	<2	<2	<2	<2	<2	<2	<2	<2	2.1	<20	<20	<20	
1,1,1-Trichloroethane	<2	4.1	<2	<2	<2	7.6	<2	9.5	15	<20	<20	<20	
1,1,2-Trichloroethane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<20	<20	
1,1-Dichloroethane	<2	<2	<2	<2	<2	<2	<2	<2	3.9	<20	<20	<20	
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	2.2	<10	<10	<10	
Benzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<10	
Carbon tetrachloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<20	<20	
cis-1,2-Dichloroethene	<2	<2	<2	<2	<2	<2	<2	<2	2.1	17	250	260	
Methyltert-butylether	10	5.2	<2	<2	<2	<2	<2	<2	2.2	3.2	<20	<20	
Tetrachloroethene	280	44	86	15	6.6	91	9.8	6700	9700	590	680	500	
Toluene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<20	<20	
Trichloroethane	66	120	6.6	<2	3.4	180	3.2	160	130	21	29	37	
Trichlorofluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	11	9.8	<20	<20	
Vinyl chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<20	
o-Xylene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<20	<20	
<b>CONSTITUENT (mg/l)</b>													
Chloride	170	150	5.9	1.4	3.2	57	3.4	110	120	200	240	110	
COD	<50	55	<50	<50	<50	<50	<50	<50	<50	78	91	66	<50

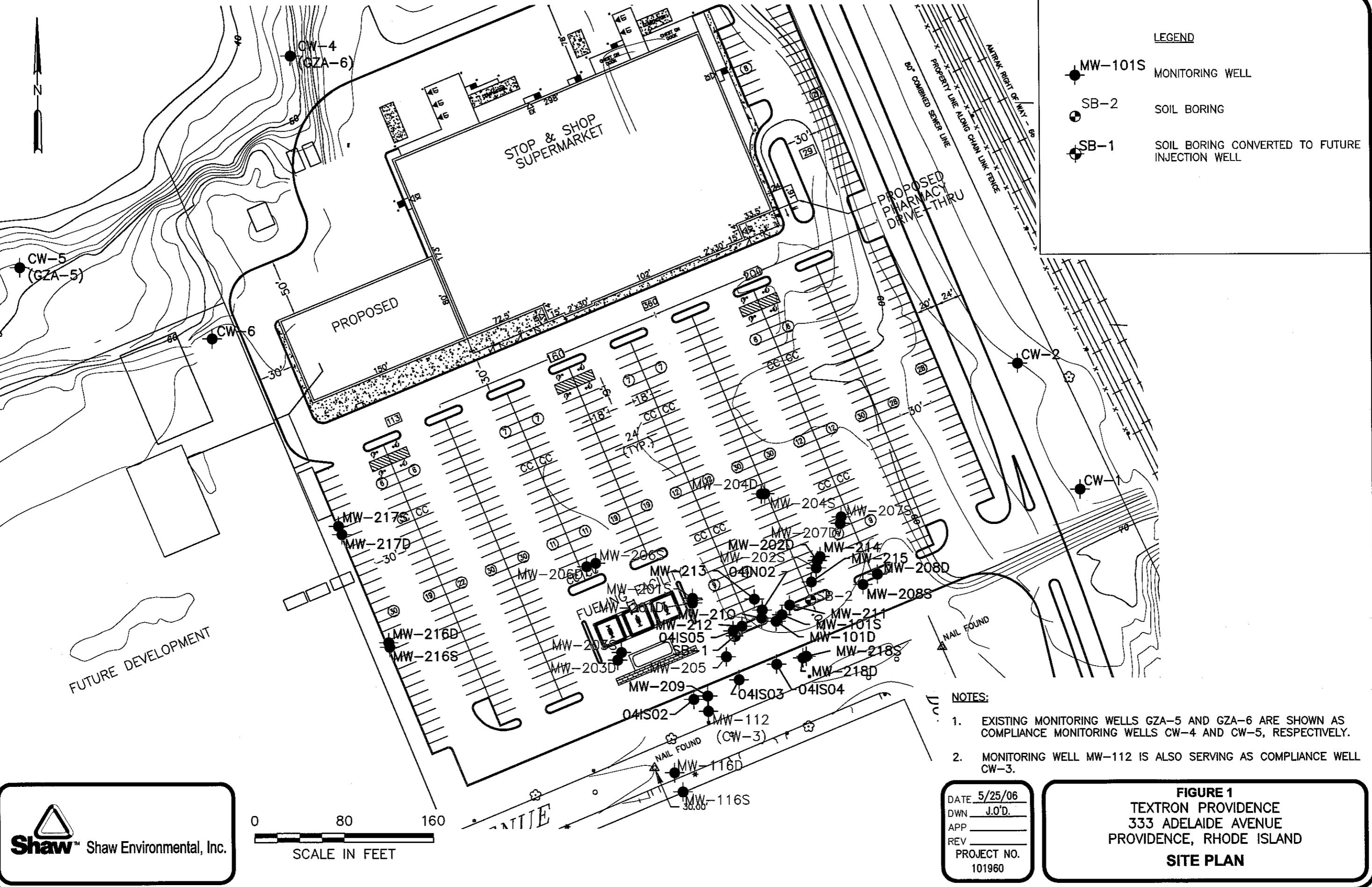
**Notes:**

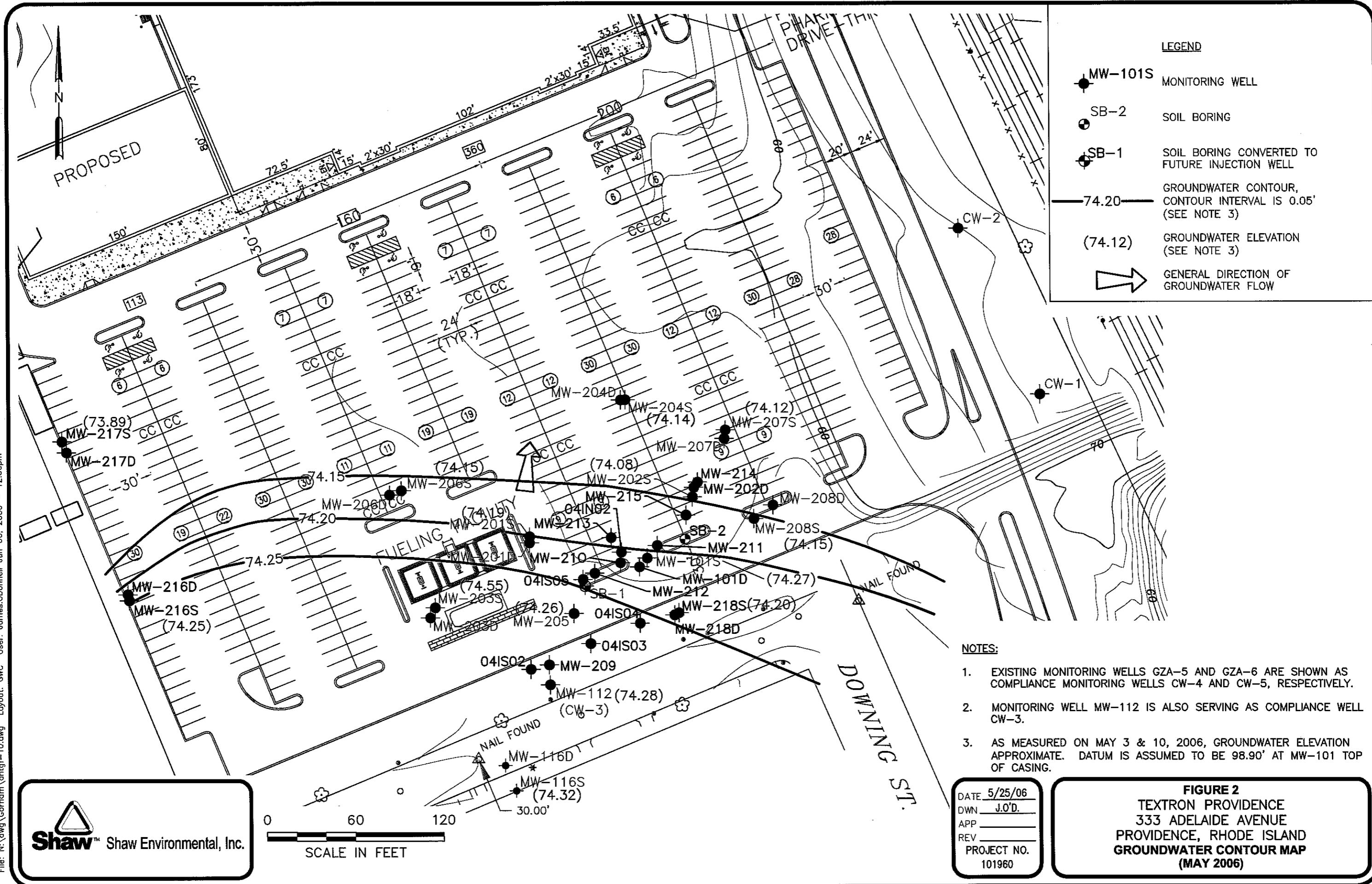
ug/l = microgram per liter  
mg/L = milligram per liter

< = compound was not detected.  
Value indicated is the method reporting limit.

J = estimated result value.

COD = chemical oxygen demand





10 days 1 month 2 months 3 months 6 months 1 year 18 months 2 years 3 years 5 years 10 years 20 years 30 years

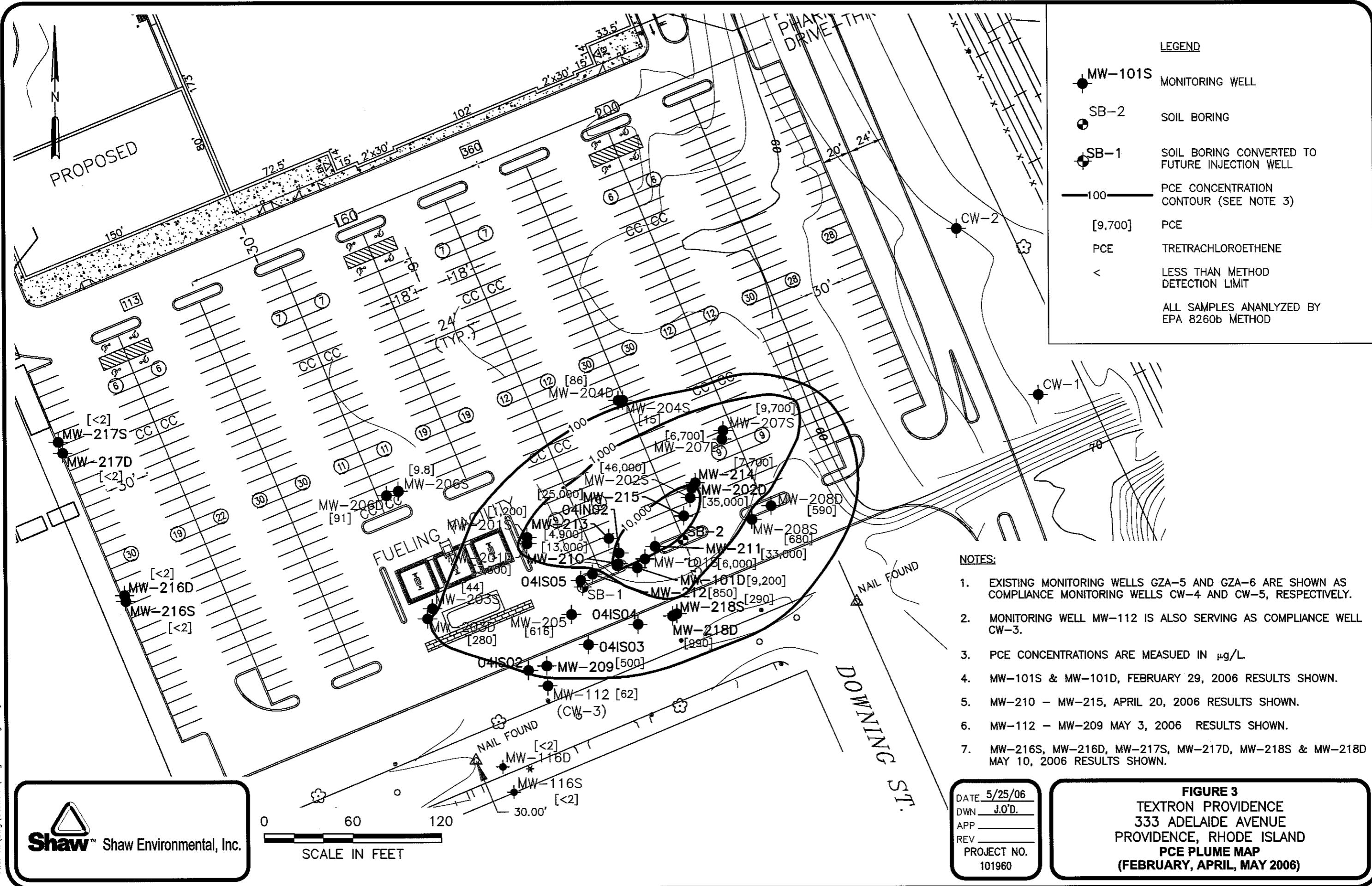


**Shaw™** Shaw Environmental, Inc.

0 60  
SCALE IN FEET

DATE 5/25/  
DWN J.O'  
APP \_\_\_\_\_  
REV \_\_\_\_\_  
**PROJECT**  
**101960**

**FIGURE 2**  
**TEXTRON PROVIDENCE**  
**333 ADELAIDE AVENUE**  
**PROVIDENCE, RHODE ISLAND**  
**GROUNDWATER CONTOUR MAP**  
**(MAY 2006)**



## **APPENDIX A**



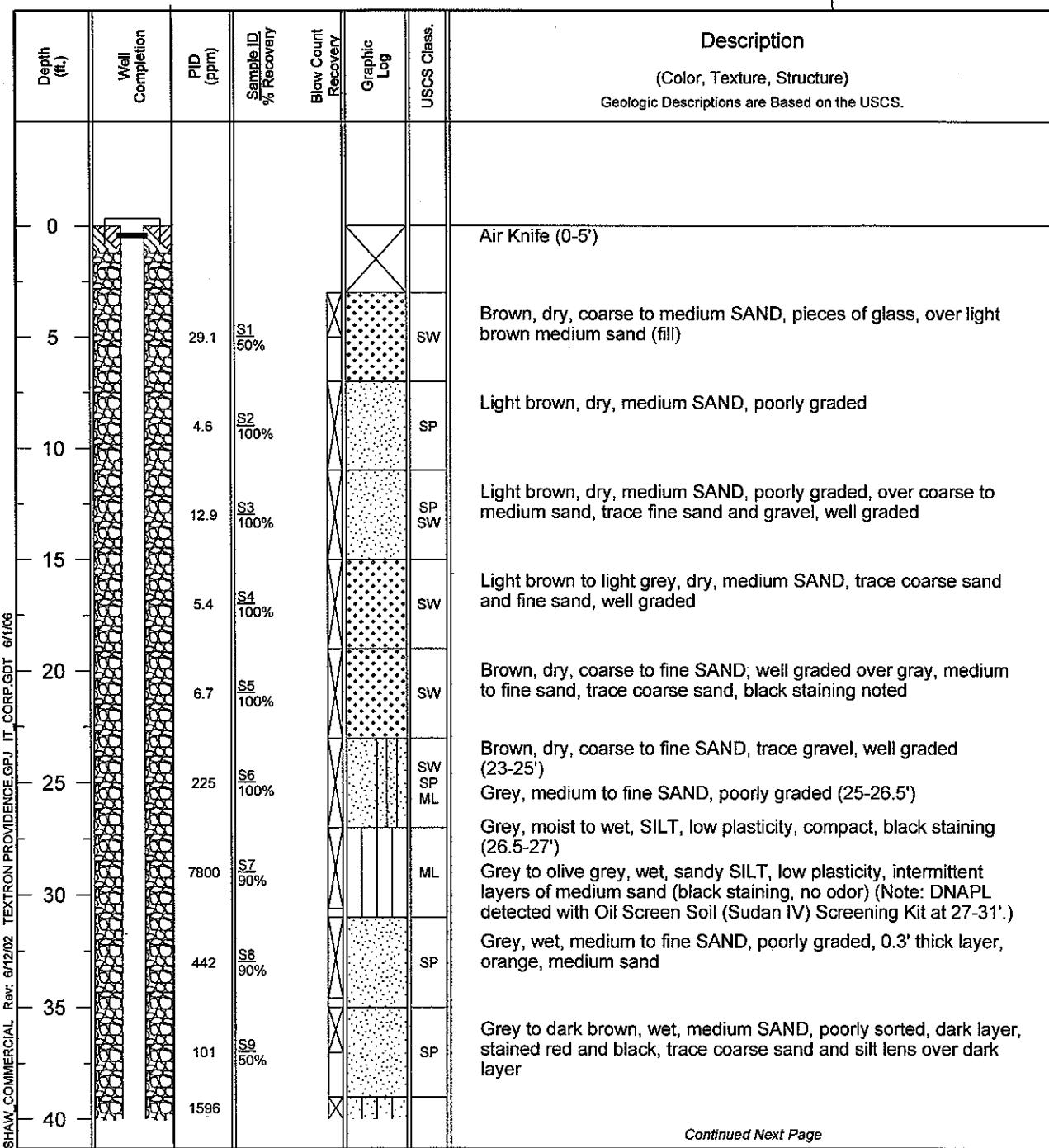
Shaw E & I, Inc.

## Drilling Log

Monitoring Well MW-210

Page: 1 of 2

Project	<u>Former Gorham Manufacturing Facility</u>	Owner	<u>Textron, Inc.</u>	Comments
Location	<u>333 Adelaide Avenue, Providence, RI</u>		Proj. No. <u>101960</u>	ND = Not detected
Surface Elev.	<u>NA</u>	Total Hole Depth	<u>63.0 ft.</u>	Soil samples collected at 30-31', 43-46' and 47-49' below surface grade were sent to laboratory for analyses of volatile organic compounds (VOC).
Top of Casing	<u>NA</u>	Water Level Initial	<u>NA</u>	
Screen: Dia.	<u>1.32 in.</u>	Length	<u>10 ft.</u>	
Casing: Dia.	<u>1.32 in.</u>	Length	<u>40 ft.</u>	Type/Size <u>Verticle Slots/2 in. x 0.015 in.</u>
Fill Material	<u>Native</u>	Rig/Core	<u>Vibra Drill</u>	Type <u>Steel</u>
Drill Co.	<u>TDS/Pine &amp; Swallow</u>	Method	<u>Air Knife/Vibratory Drill</u>	
Driller	<u>Mike Conlin</u>	Log By	<u>J. Danieli</u>	Date <u>4/6/06</u> Permit # <u>NA</u>
Checked By			License No.	



Continued Next Page



**Shaw**  
Shaw E & I, Inc.

## Drilling Log

Monitoring Well **MW-210**

Page: 2 of 2

Project Former Gorham Manufacturing Facility

Owner Textron, Inc.

Location 333 Adelaide Avenue, Providence, RI

Proj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.
40		1596	S10 50%	X		ML SP	<i>Continued</i> Grey, wet, dense, SILT, high plasticity, trace clay, over grey silt, low plasticity and fine sand
45		3500	S11 100%			SM	Grey, wet, fine, silty SAND, poorly graded, silt layer at 46', strong solvent odor (Note: DNAPL detected with Oil Screen Soil (Sudan IV) Screening Kit at 43-47').
50		5780	S12 50%			SW	Grey, wet, fine SAND, some coarse sand and trace gravel
55		1209	S13 90%			ML	Dark grey, wet, dense, compact, sandy SILT to SILT, moderate plasticity
59.4			S14 50%			ML	Grey, wet, dense, compact, SILT, with some clay
60		121	S15 90%			ML	Grey, wet, dense, compact, SILT
63							End of exploration at 63 feet below surface grade (refusal). Well set at 52 feet below surface grade. Sump installed in bottom of well from 50-52 feet below surface grade.
70							
75							
80							
85							
90							



Shaw E &amp; I, Inc.

## Drilling Log

Monitoring Well

MW-211

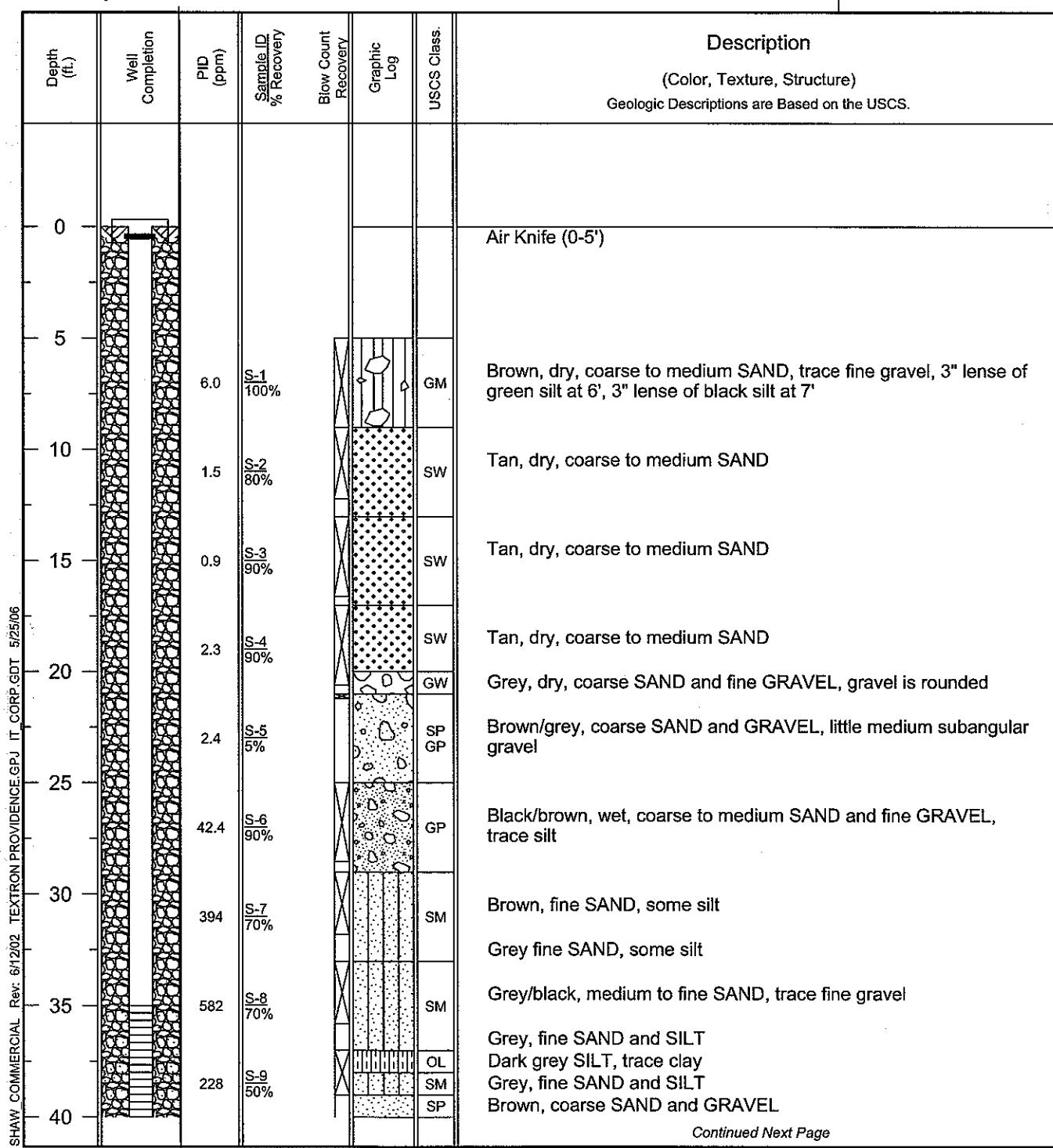
Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 51.0 ft. North            East             
 Top of Casing NA Water Level Initial NA Static NA Diameter             
 Screen: Dia 1.32 in. Length 10 ft. Type/Size Verticle Slots/2 in. x 0.015 in.  
 Casing: Dia 1.32 in. Length 35 ft. Type Steel  
 Fill Material Native Rig/Core Vibra Drill  
 Drill Co. TDS/Pine & Swallow Method Air Knife/Vibratory Drill  
 Driller Mike Conlin Log By K. Cote Date 4/10/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

## COMMENTS

ND = Not detected

Soil sample collected at 36 and 45 feet below surface grade were sent to laboratory for analyses of volatile organic compounds (VOC).





Shaw E&amp;I, Inc.

## Drilling Log

Monitoring Well

MW-211

Page: 2 of 2

Project Former Gorham Manufacturing FacilityOwner Textron, Inc.Location 333 Adelaide Avenue, Providence, RIProj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.	
40		228				OL	Continued	
41		347	S-10 40%	X		SM	Dark grey SILT, trace clay	
42		2.8	S-11 30%	X		ML	Grey, fine SAND, some silt	
43		0.2	S-12 100%	X		ML	Brown, dense, SILT	
44							Black, dense, SILT, some medium gravel, tight, glacial till	
45							Black, dense, SILT, some medium gravel, tight, glacial till	
50							End of exploration at 51 feet below surface grade (refusal). Well set at 47 feet below surface grade. Sump installed in bottom of well from 45-47 feet below surface grade.	
51								
55								
60								
65								
70								
75								
80								
85								
90								



Shaw E &amp; I, Inc.

## Drilling Log

Monitoring Well

MW-212

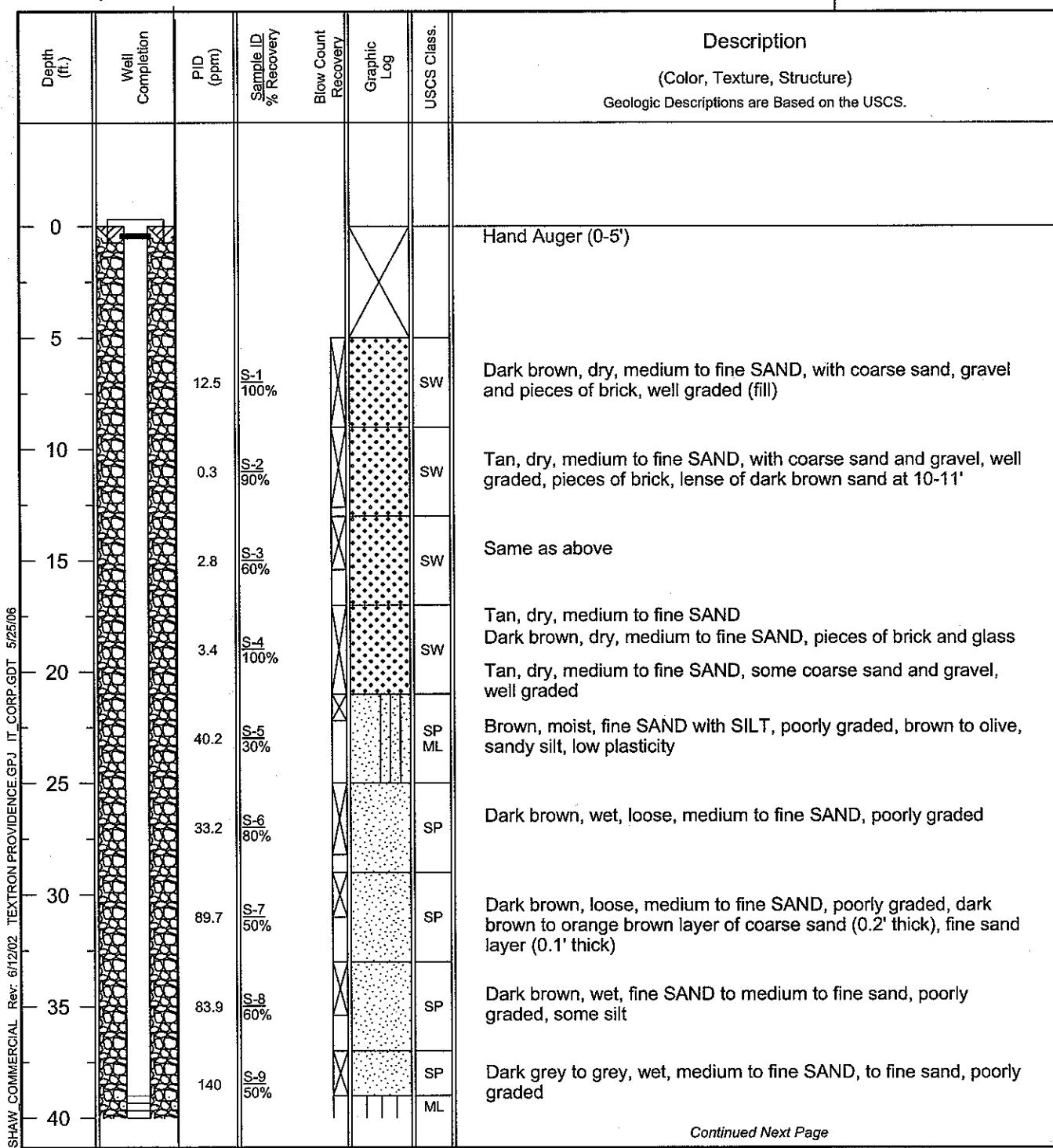
Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 56.0 ft. North            East             
 Top of Casing NA Water Level Initial NA Static NA Diameter             
 Screen: Dia 1.32 in. Length 10 ft. Type/Size Verticle Slots/2 in. x 0.015 in.  
 Casing: Dia 1.32 in. Length 39 ft. Type Steel  
 Fill Material Native Rig/Core Vibra Drill  
 Drill Co. TDS/Pine & Swallow Method Hand Auger/Vibratory Drill  
 Driller Mike Conlin Log By J. Danieli Date 4/12/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

## COMMENTS

ND = Not detected

Soil sample collected at 32' and  
38' below surface grade sent to  
laboratory for analyses of  
volatile organic compounds  
(VOC).





Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

**MW-212**

Page: 2 of 2

Project Former Gorham Manufacturing FacilityOwner Textron, Inc.Location 333 Adelaide Avenue, Providence, RIProj. No. 101960

Depth (ft.)	Well Completion	P/D (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description
							(Color, Texture, Structure) Geologic Descriptions are Based on the USCS.
40		140	S-10 5%			ML	<i>Continued</i> Dark grey, moist, SILT, low plasticity
45		0.1	S-11 50%	X		SW	Dark grey, wet, coarse to medium SAND, some fine sand and gravel, pieces of cobble/rock, well graded
50	ND		S-12 60%	X		SP	Dark grey, medium to fine SAND, layers of silty sand, some coarse sand and gravel, poorly graded
55	ND		S-13 15%	X		SM ML	Dark grey, wet, fine, SILTY SAND Dense SILT, moderate plasticity Sandy SILT, low plasticity Dark grey, dense/compact, wet, SILT, moderate plasticity
60							End of exploration at 56 feet below surface grade (refusal). Well set at 49 feet below surface grade. Sump installed at 49-51 feet below surface grade.
65							
70							
75							
80							
85							
90							



Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

**MW-213**

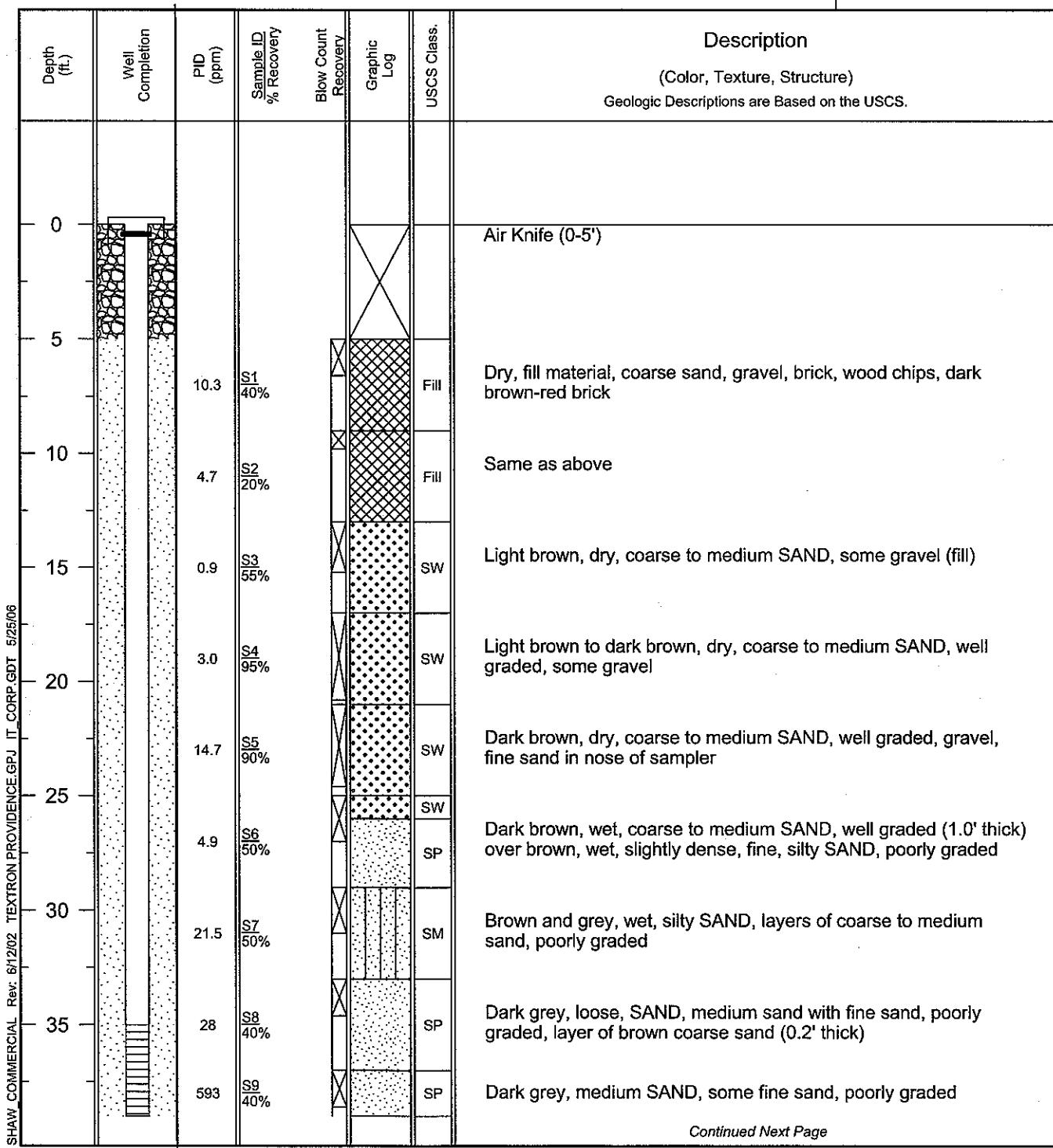
Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 52.3 ft. North            East             
 Top of Casing NA Water Level Initial NA Static NA Diameter             
 Screen: Dia 1.32 in. Length 10 ft. Type/Size Vertical Slots/2 in. x 0.015 in.  
 Casing: Dia 1.32 in. Length 35 ft. Type Steel  
 Fill Material Native Rig/Core Vibra Drill  
 Drill Co. TDS/Pine & Swallow Method Air Knife/Vibratory Drill  
 Driller Mike Conlin Log By K. Cote Date 4/10/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

**COMMENTS**

ND = Not detected

Soil sample collected at 38 feet below surface grade were sent to laboratory for analyses of volatile organic compounds (VOC).



Continued Next Page



Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

**MW-213**

Page: 2 of 2

Project Former Gorham Manufacturing FacilityOwner Textron, Inc.Location 333 Adelaide Avenue, Providence, RIProj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.	
40		593	S9 40%			SP ML	Continued	
45		0.3	S10 40%	X		ML	Dark grey, wet, fine SAND, layer of orange-brown to grey coarse sand, over silty fine sand with layers of compact silt	
47		0.8	S11 30%	X		ML	Grey, dense, SILT, some black staining, over grey, wet, medium to fine sand (sand layer)	
50		0.7	S12 40%	X		ML	Moist, compact, SILT, with fine sand, trace gravel and coarse sand	
52.25							Same as above	
55							End of exploration at 52.25 feet below surface grade (refusal). Well set at 45 feet below surface grade. Sump installed in bottom of well from 45-47 feet below surface grade.	
60								
65								
70								
75								
80								
85								
90								



Shaw E&amp;I, Inc.

## Drilling Log

Monitoring Well

MW-214

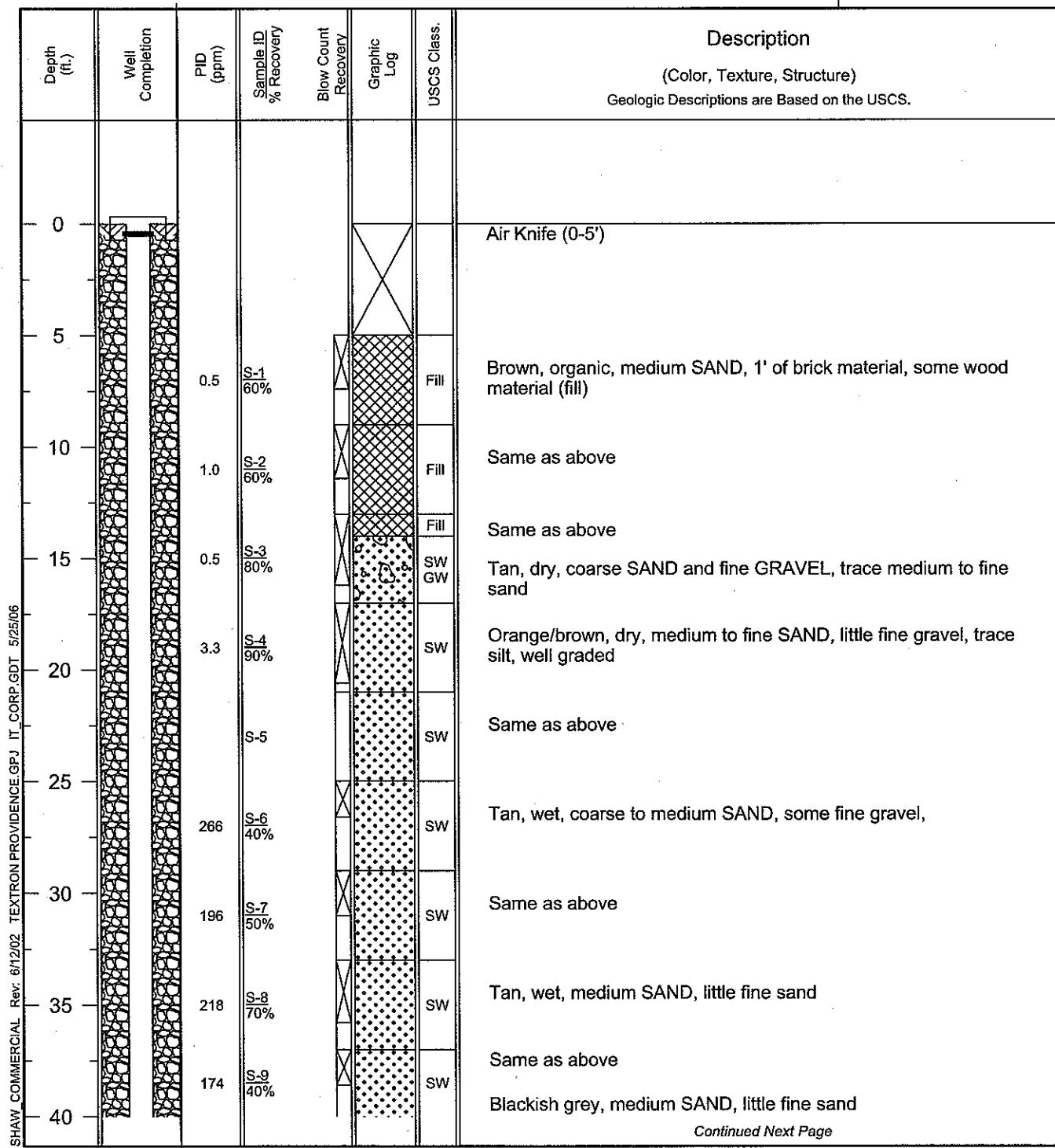
Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 64.5 ft. North            East             
 Top of Casing NA Water Level Initial NA Static NA Diameter             
 Screen: Dia 1.32 in. Length 10 ft. Type/Size Verticle Slots/2 in. x 0.015 in.  
 Casing: Dia 1.32 in. Length 50 ft. Type Steel  
 Fill Material Native Rig/Core Vibra Drill  
 Drill Co. TDS/Pine & Swallow Method Air Knife/Vibratory Drill  
 Driller Mike Conlin Log By K. Cote Date 4/11/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

## COMMENTS

ND = Not detected

Soil sample collected at 28' and  
48' below surface grade sent to  
laboratory for analyses of  
volatile organic compounds  
(VOC).





Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

**MW-214**

Page: 2 of 2

Project Former Gorham Manufacturing FacilityOwner Textron, Inc.Location 333 Adelaide Avenue, Providence, RIProj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.	
40							Continued	
41								
42		174	S-10 30%	X		SW	Same as above	
43		149		X		SW		
44		142	S-11 20%	X		SW	Same as above	
45								
46								
47								
48								
49								
50		35.8	S-12 40%	X		SM	Black, coarse to medium SAND, little silt	
51								
52								
53								
54								
55		76.8	S-13 20%	X		SM	Black, medium SAND, some silt, little fine sand	
56								
57								
58								
59								
60		29.7	S-14 10%	X		SM ML	Black, medium dense, medium SAND and SILT, medium to fine gravel, glacial till	
61								
62								
63								
64								
65		18.7	S-15 10%	X	Hatched	OH	Brown, dense, SILT, little clay, trace fine sand	
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								
90								



Shaw E&amp;I, Inc.

## Drilling Log

Monitoring Well

MW-215

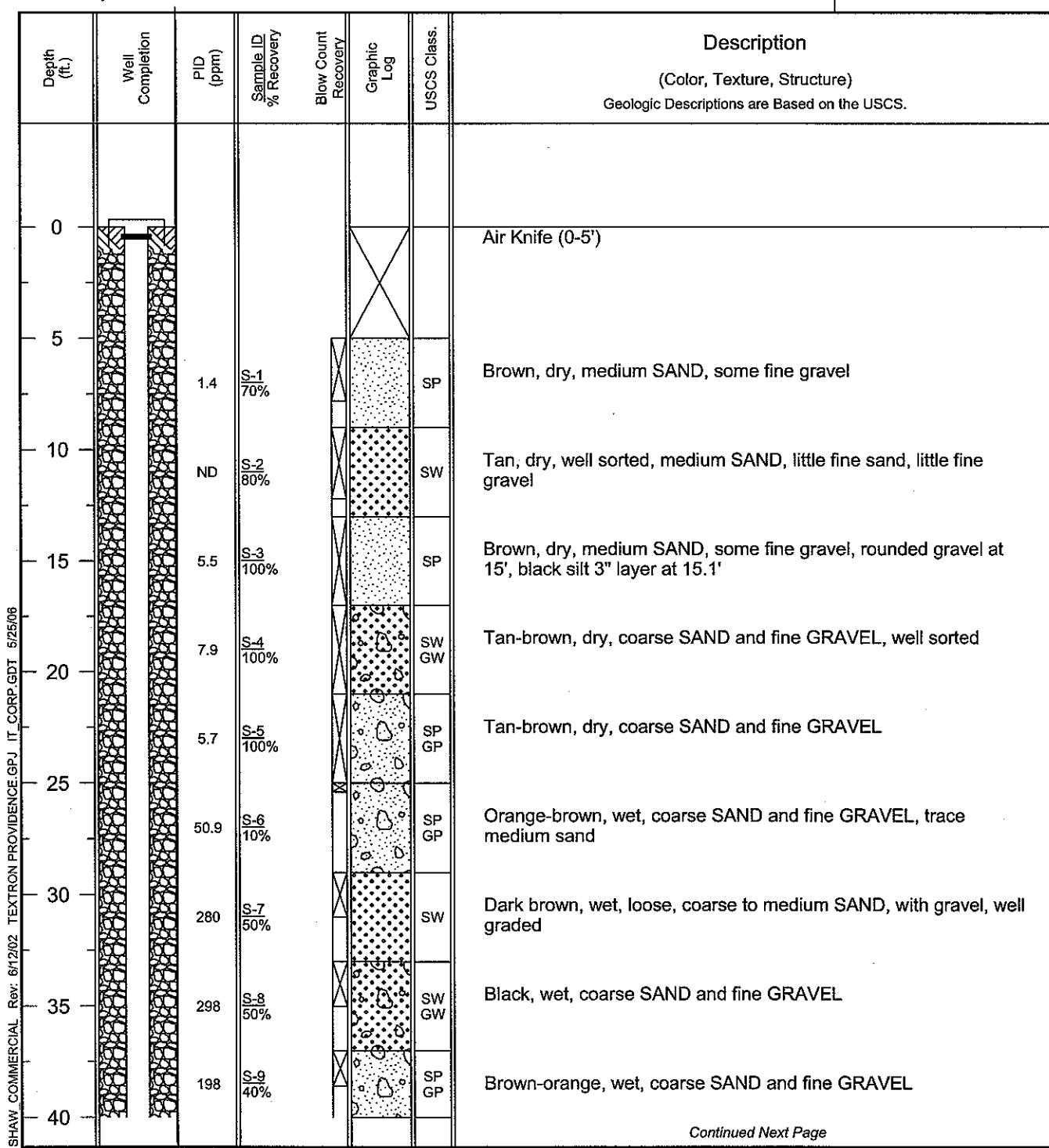
Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 63.5 ft. North            East             
 Top of Casing NA Water Level Initial NA Static NA Diameter             
 Screen: Dia 1.32 in. Length 10 ft. Type/Size Verticle Slots/2 in. x 0.015 in.  
 Casing: Dia 1.32 in. Length 44 ft. Type Steel  
 Fill Material Native Rig/Core Vibra Drill  
 Drill Co. TDS/Pine & Swallow Method Air Knife/Vibratory Drill  
 Driller Mike Conlin Log By K. Cote Date 4/7/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

## COMMENTS

ND = Not detected

Soil sample collected at 40' and  
54' below surface grade sent to  
laboratory for analyses of  
volatile organic compounds  
(VOC).





Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

**MW-215**

Page: 2 of 2

Project Former Gorham Manufacturing FacilityOwner Textron, Inc.Location 333 Adelaide Avenue, Providence, RIProj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.	
40		198	S-10 40%			MH	Continued	
		315	S-11 5%	X		MH	Grey, wet, fine SAND and SILT	
		237	S-12 20%			SM	Grey, SILT, trace fine sand, trace clay	
		1667	S-13 60%	X		SM	Grey, fine SAND, little silt	
		531	S-14 40%			SM	Grey, fine SAND, little silt, black specs in soil	
		0.1	S-15	X		ML	Grey, fine SAND, little silt, small black specs in soil	
		ND				CL	Grey SILT, trace fine sand	
						ML	Black SILT, some clay and fine gravel, very stiff	
						ML	Black-grey, SILT, trace fine sand, trace clay	
							Grey, medium to fine sand layer at approximately 60.5'	
							Grey-black, stiff, SILT	
							End of exploration at 63.5 feet below surface grade (refusal). Well set at 56 feet below surface grade. Sump installed in bottom of well from 54-56 feet below surface grade.	
50								
55								
60								
65								
70								
75								
80								
85								
90								



Shaw E&amp;I, Inc.

## Drilling Log

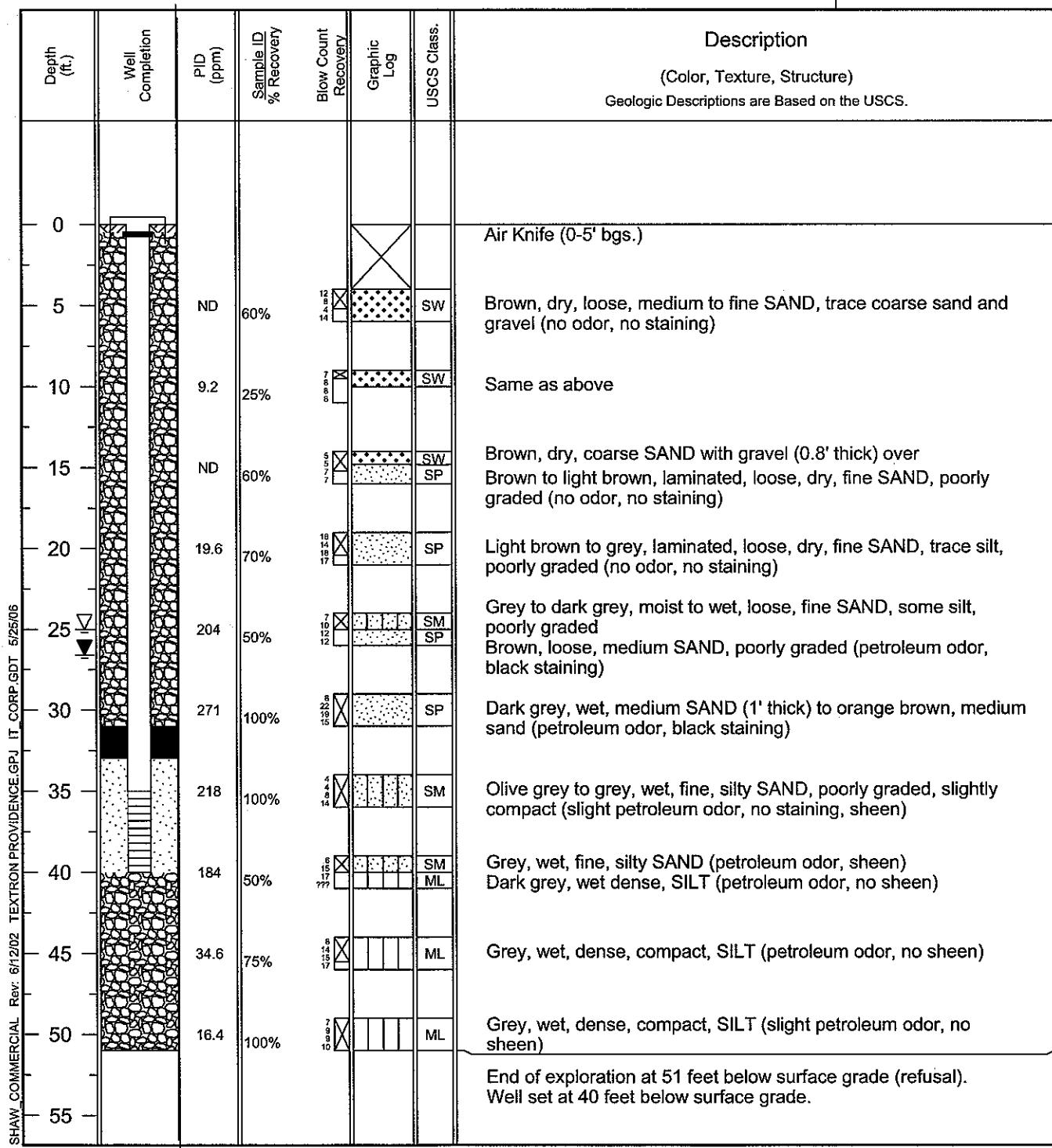
Monitoring Well

MW-216D

Page: 1 of 1

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 51.0 ft. North            East             
 Top of Casing NA Water Level Initial ▽ 25.0 ft. Static ▽ 26.6 ft. Diameter             
 Screen: Dia 2 in. Length 5 ft. Type/Size PVC/0.010 in.  
 Casing: Dia 2 in. Length 35 ft. Type PVC/6" Steel Road Box  
 Fill Material Native, bentonite, concrete Rig/Core Vactron/Diedrich D120  
 Drill Co. TDS Method Air Knife/Hollow Stem Auger  
 Driller Mike/Justin Log By J. Danieli Date 5/1/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

COMMENTS  
ND = Not detected





Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

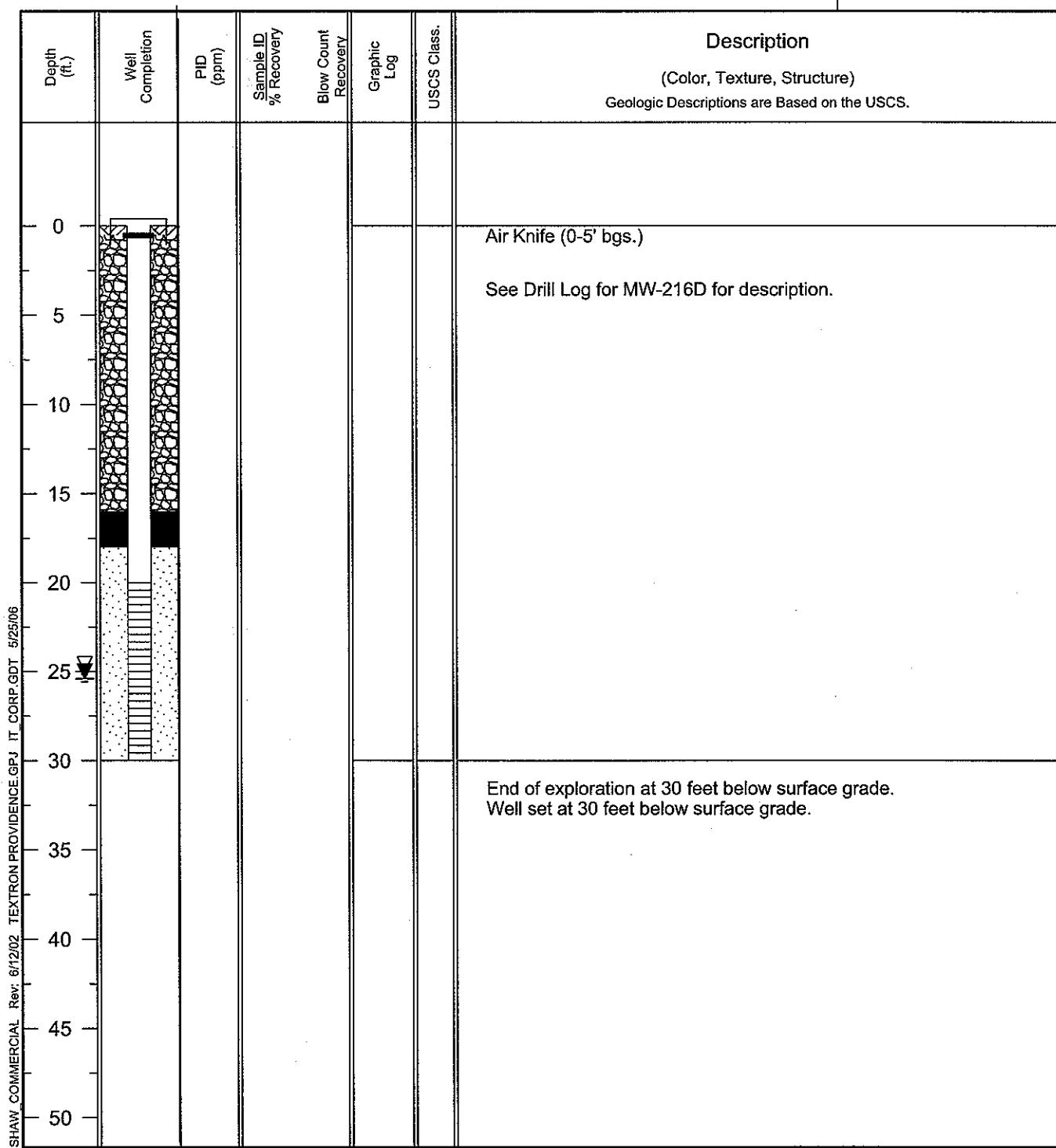
**MW-216S**

Page: 1 of 1

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 30.0 ft. North            East             
 Top of Casing NA Water Level Initial ▽ 25.0 ft. Static ▽ 25.4 ft. Diameter             
 Screen: Dia 2 in. Length 10 ft. Type/Size PVC/0.010 in.  
 Casing: Dia 2 in. Length 20 ft. Type PVC/6" Steel Road Box  
 Fill Material Native, bentonite, concrete Rig/Core Vactron/Diedrich D120  
 Drill Co. TDS Method Air Knife/Hollow Stem Auger  
 Driller Mike/Justin Log By J. Danielli Date 5/1/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

## COMMENTS

ND = Not detected





Shaw E&amp;I, Inc.

## Drilling Log

Monitoring Well

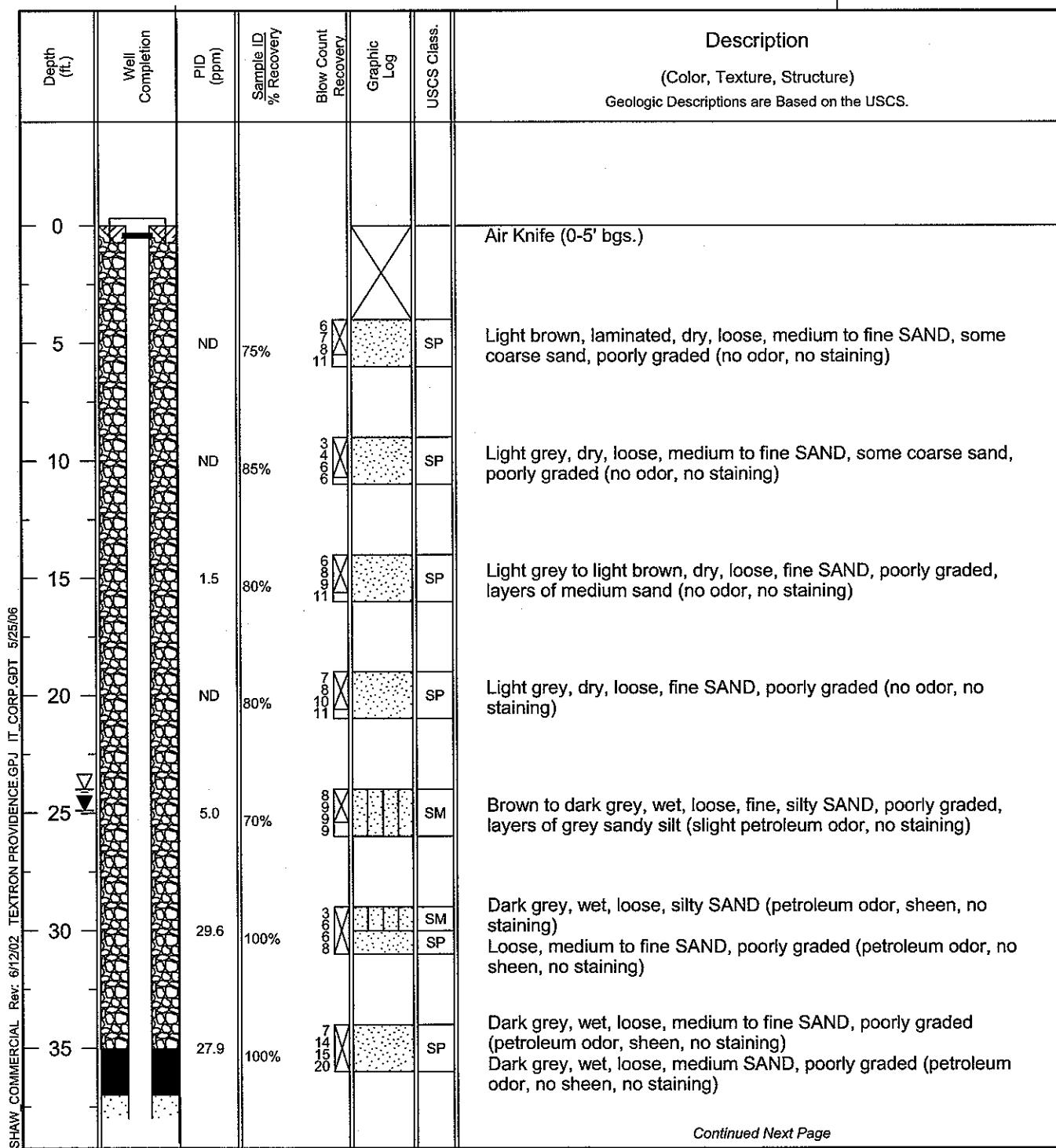
MW-217D

Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960

Surface Elev. NA Total Hole Depth 53.0 ft. North            East             
 Top of Casing NA Water Level Initial ▽ 24.0 ft. Static ▽ 24.9 ft. Diameter             
 Screen: Dia 2 in. Length 10 ft. Type/Size PVC/0.010 in.  
 Casing: Dia 2 in. Length 39 ft. Type PVC/6" Steel Road Box  
 Fill Material Native, bentonite, concrete Rig/Core Vactron/Diedrich D120  
 Drill Co. TDS Method Air Knife/Hollow Stem Auger  
 Driller Mike/Justin Log By J. Danieli Date 5/2/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

COMMENTS  
ND = Not detected



Continued Next Page



Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well

**MW-217D**

Page: 2 of 2

Project Former Gorham Manufacturing FacilityOwner Textron, Inc.Location 333 Adelaide Avenue, Providence, RIProj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.	
40		14.0	100%	14 22 18 30	X	SP	Continued	
45		22.6	100%	13 24 24	X	SM	Olive grey to dark grey, wet, loose, medium SAND, poorly graded (slight petroleum odor, no sheen, no staining)	
50	ND	ND	100%	8 12 20 20	X	ML	Dark grey, wet, loose, medium silty SAND, poorly graded (slight petroleum odor, no sheen, no staining)	
53	ND	75%		15 30 40	X	ML	Grey, wet, loose, sandy SILT Grey, wet, dense, SILT, moderate plasticity (slight petroleum odor, no sheen, no staining) Grey, wet, dense, SILT, moderate plasticity, layer of medium sand	
55							End of exploration at 53 feet below surface grade. Well set at 49 feet below surface grade.	
60								
65								
70								
75								
80								
85								



Shaw E&amp;I, Inc.

# Drilling Log

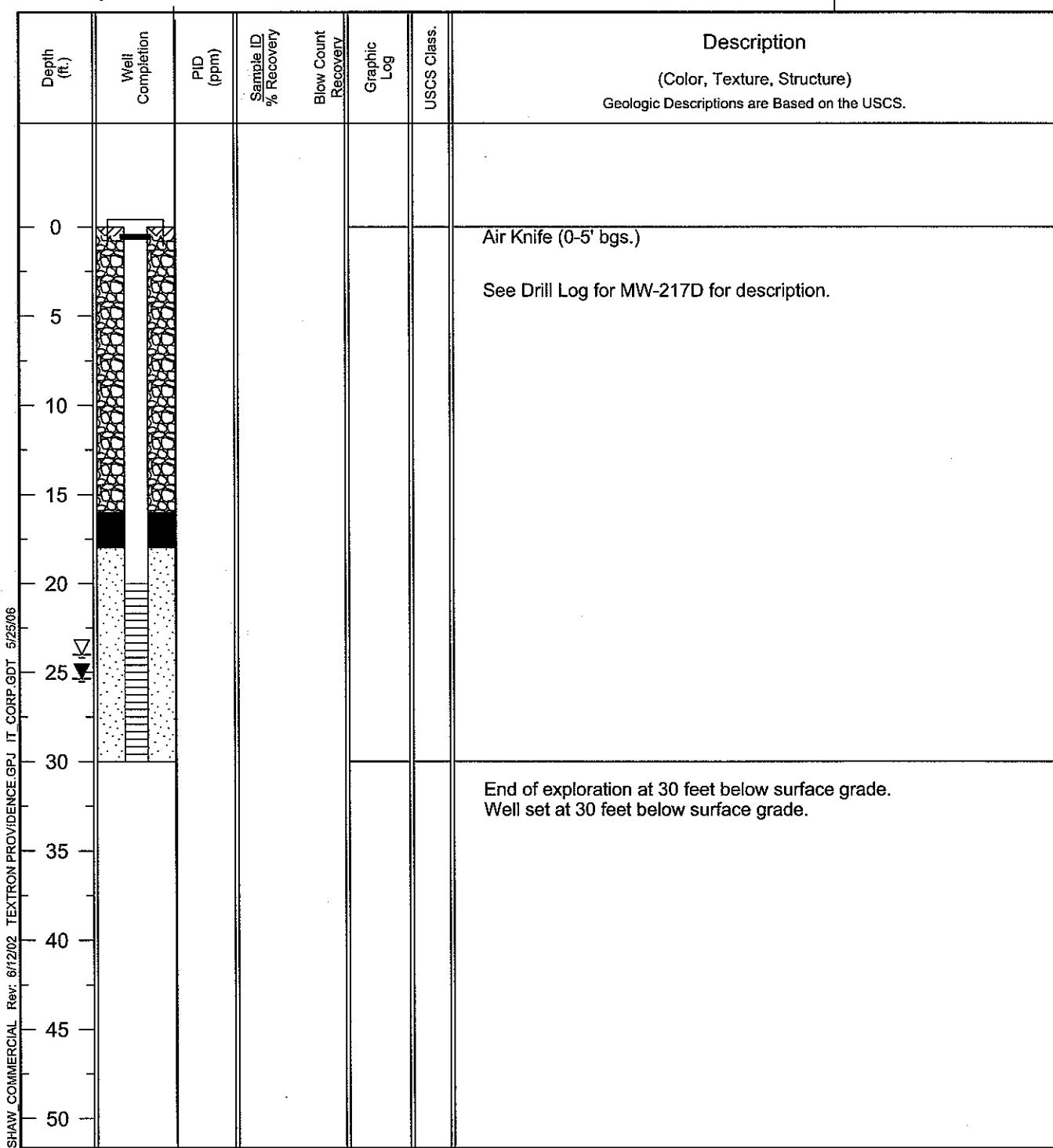
Monitoring Well

**MW-217S**

Page: 1 of 1

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 30.0 ft. North            East             
 Top of Casing NA Water Level Initial ▽ 24.0 ft. Static ▼ 25.4 ft. Diameter             
 Screen: Dia 2 in. Length 10 ft. Type/Size PVC/0.010 in.  
 Casing: Dia 2 in. Length 20 ft. Type PVC/6" Steel Road Box  
 Fill Material Native, bentonite, concrete Rig/Core Vactron/Diedrich D120  
 Drill Co. TDS Method Air Knife/Hollow Stem Auger  
 Driller Mike/Justin Log By J. Danieli Date 5/2/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

COMMENTS  
*ND = Not detected*





Shaw E &amp; I, Inc.

## Drilling Log

Monitoring Well

MW-218D

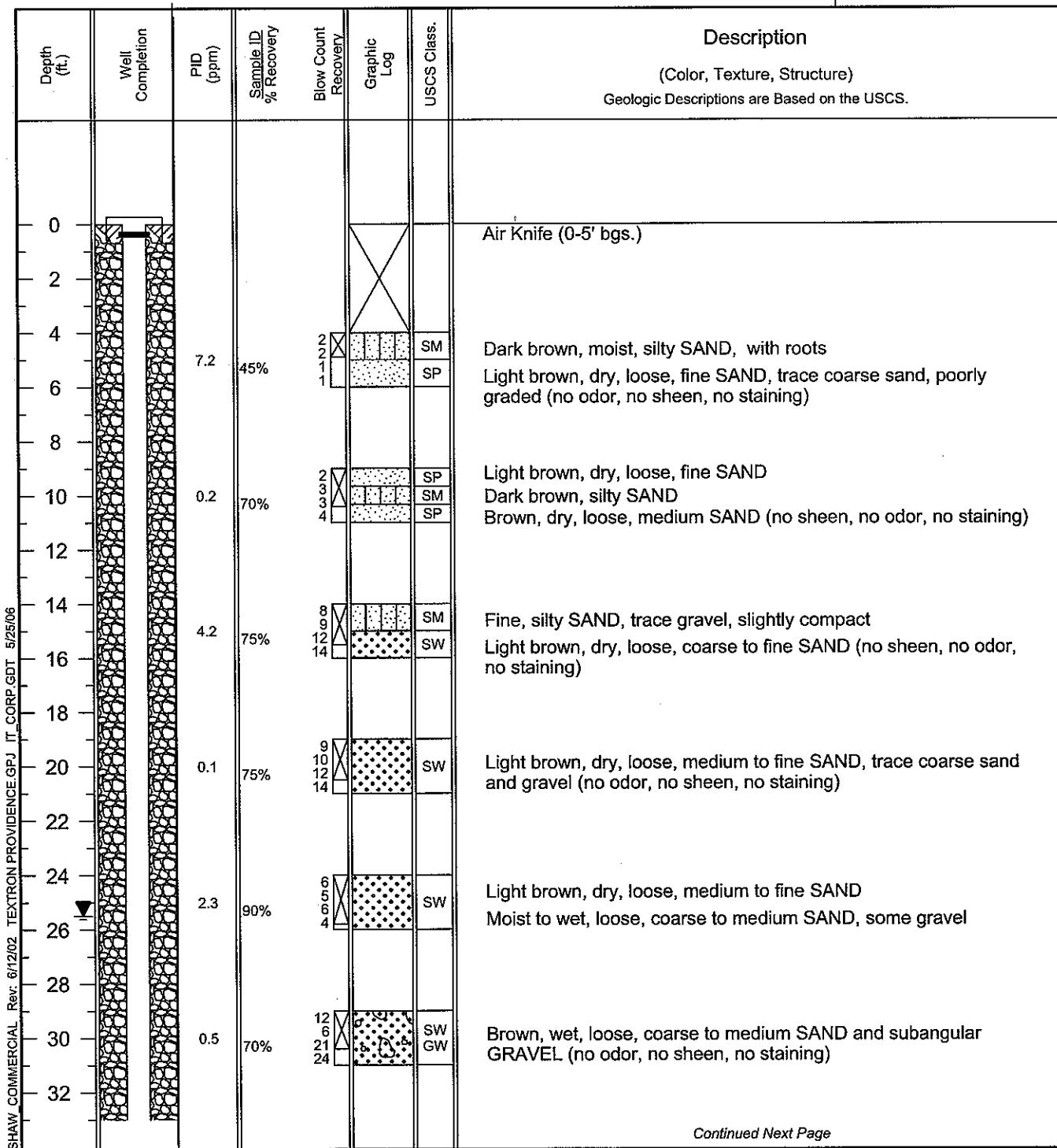
Page: 1 of 2

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960

Surface Elev. NA Total Hole Depth 58.0 ft. North East  
 Top of Casing NA Water Level Initial ▽ 25.5 ft. Static ▽ 25.5 ft. Diameter    
 Screen: Dia 2 in. Length 10 ft. Type/Size PVC/0.010 in.  
 Casing: Dia 2 in. Length 42 ft. Type PVC/6" Steel Road Box  
 Fill Material Native, bentonite, concrete Rig/Core Vactron/Diedrich D120  
 Drill Co. TDS Method Air Knife/Hollow Stem Auger  
 Driller Mike/Justin Log By J. Danieli Date 5/3/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

## COMMENTS

ND = Not detected



Continued Next Page



Shaw E&amp;I, Inc.

# Drilling Log

Monitoring Well MW-218D

Page: 2 of 2

Project Former Gorham Manufacturing Facility

Owner Textron, Inc.

Location 333 Adelaide Avenue, Providence, RI

Proj. No. 101960

Depth (ft.)	Well Completion	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic Descriptions are Based on the USCS.
34							Continued
36							Dark brown, wet, loose, medium to fine SAND, layers of silty sand, poorly graded (no odor, no sheen, no staining)
38							
40		13.5	100%	6 10 8		SP	Dark brown to dark grey, wet, loose, medium to fine SAND, trace silt, layers of silty sand (no odor, no sheen, no staining)
42							
44		19.5	75%	9 10 12 24		SP	
46							Brown, wet, loose, coarse SAND, some gravel (no odor, no sheen, no staining)
48							Dark grey, wet, moderately dense, SILT, low plasticity, some gravel (no odor, no sheen, no staining)
50		11.5	100%	6 15 20 24		SW ML	
52							
54		32.0	80%	9 14 16 17		SP SM	Brown, wet, loose, medium SAND Dark grey, wet, slightly compact, silty SAND (no odor, no sheen, no staining)
56							
58		ND	80%	10 17 10 15 6 8 10 11		ML ML	Dark grey, wet, moderately dense, sandy SILT, low plasticity Dark grey, wet, dense, SILT, moderate plasticity (no odor, no sheen, no staining) Dark grey, wet, dense SILT, moderate plasticity (no odor, no sheen, no staining)
60							End of exploration at 58 feet below surface grade. Well set at 52 feet below surface grade.
62							
64							
66							
68							
70							
72							
74							
76							



Shaw E &amp; I, Inc.

# Drilling Log

Monitoring Well

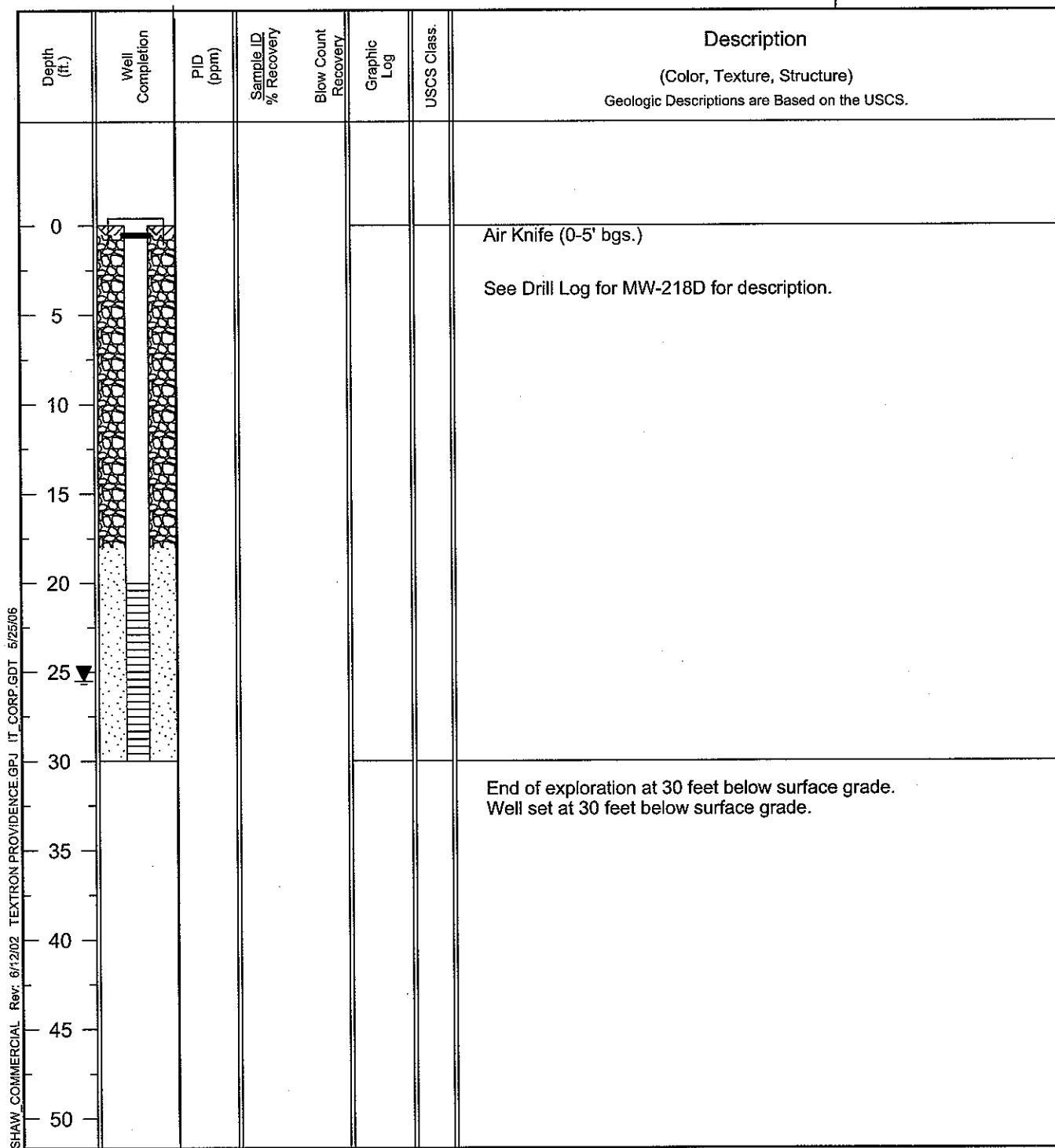
**MW-218S**

Page: 1 of 1

Project Former Gorham Manufacturing Facility Owner Textron, Inc.  
 Location 333 Adelaide Avenue, Providence, RI Proj. No. 101960  
 Surface Elev. NA Total Hole Depth 30.0 ft. North            East             
 Top of Casing NA Water Level Initial ▽ 25.5 ft. Static ▽ 25.5 ft. Diameter             
 Screen: Dia 2 in. Length 10 ft. Type/Size PVC/0.010 in.  
 Casing: Dia 2 in. Length 20 ft. Type PVC/6" Steel Road Box  
 Fill Material Native, bentonite, concrete Rig/Core Vactron/Diedrich D120  
 Drill Co. TDS Method Air Knife/Hollow Stem Auger  
 Driller Mike/Justin Log By J. Danieli Date 5/3/06 Permit # NA  
 Checked By \_\_\_\_\_ License No. \_\_\_\_\_

**COMMENTS**

ND = Not detected



## **APPENDIX B**



## ANALYTICAL REPORT

Job Number: 360-2627-1

Job Description: 101960

For:

Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Attention: Edward Van Doren

A handwritten signature of "Jamie Wickham" is placed over a dotted rectangular background.

---

Jamie Wickham  
Technology Manager  
jwickham@stl-inc.com  
04/27/2006

Project Manager: Becky Mason

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. STL Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

## METHOD SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> Solid			
Volatile Organic Compounds by GC/MS	STL-WES	SW846 8260B	
Purge-and-Trap for Aqueous Samples/High	STL-WES		SW846 5030B
Percent Moisture	STL-WES	EPA	PercentMoisture

### LAB REFERENCES:

STL-WES = STL-Westfield

### METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

Method	Analyst	Analyst ID
SW846 8260B	Cao, Xingluan	XC
EPA PercentMoisture	Lobudek, John J	JUL

## SAMPLE SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-2627-1	SB-210 (30-31')	Solid	04/06/2006 1119	04/10/2006 1720
360-2627-2	SB-210 (43-46')	Solid	04/06/2006 1330	04/10/2006 1720
360-2627-3	SB-210 (47-49')	Solid	04/06/2006 1405	04/10/2006 1720
360-2627-4	SB-215 (40')	Solid	04/07/2006 1120	04/10/2006 1720
360-2627-5	SB-215 (54')	Solid	04/07/2006 1310	04/10/2006 1720

## **SAMPLE RESULTS**

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-210 (30-31')

Lab Sample ID: 360-2627-1

Date Sampled: 04/06/2006 1119  
 Date Received: 04/10/2006 1720  
 Percent Solids: 80

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/18/2006 1709	
Chloromethane	ND	ug/Kg	530000	3100000	10000
Vinyl chloride	ND	ug/Kg	800000	3100000	10000
Bromomethane	ND	ug/Kg	400000	3100000	10000
Chloroethane	ND	ug/Kg	760000	3100000	10000
Trichlorofluoromethane	ND	ug/Kg	630000	1600000	10000
1,1-Dichloroethene	ND	ug/Kg	590000	1600000	10000
Acetone	ND	ug/Kg	29000000	160000000	10000
Methylene Chloride	ND	ug/Kg	930000	3100000	10000
trans-1,2-Dichloroethene	ND	ug/Kg	540000	1600000	10000
Methyl tert-butyl ether	ND	ug/Kg	450000	1600000	10000
1,1-Dichloroethane	ND	ug/Kg	580000	1600000	10000
cis-1,2-Dichloroethene	ND	ug/Kg	750000	1600000	10000
Methyl Ethyl Ketone	ND	ug/Kg	4900000	13000000	10000
Chlorobromomethane	ND	ug/Kg	280000	1600000	10000
Chloroform	ND	ug/Kg	280000	1600000	10000
1,1,1-Trichloroethane	ND	ug/Kg	630000	1600000	10000
1,1-Dichloropropene	ND	ug/Kg	640000	1600000	10000
Carbon tetrachloride	ND	ug/Kg	600000	1600000	10000
Benzene	ND	ug/Kg	410000	1600000	10000
1,2-Dichloroethane	ND	ug/Kg	250000	1600000	10000
Trichloroethene	ND	ug/Kg	680000	1600000	10000
1,2-Dichloropropane	ND	ug/Kg	300000	1600000	10000
Dibromomethane	ND	ug/Kg	290000	1600000	10000
Dichlorobromomethane	ND	ug/Kg	210000	1600000	10000
cis-1,3-Dichloropropene	ND	ug/Kg	400000	1600000	10000
methyl isobutyl ketone	ND	ug/Kg	3000000	13000000	10000
Toluene	ND	ug/Kg	310000	1600000	10000
trans-1,3-Dichloropropene	ND	ug/Kg	440000	1600000	10000
1,1,2-Trichloroethane	ND	ug/Kg	190000	1600000	10000
Tetrachloroethene	77000000	ug/Kg	830000	1600000	10000
1,3-Dichloropropane	ND	ug/Kg	340000	1600000	10000
2-Hexanone	ND	ug/Kg	3100000	13000000	10000
Chlorodibromomethane	ND	ug/Kg	340000	1600000	10000
Ethylene Dibromide	ND	ug/Kg	250000	1600000	10000
Chlorobenzene	ND	ug/Kg	390000	1600000	10000
1,1,1,2-Tetrachloroethane	ND	ug/Kg	460000	1600000	10000
Ethylbenzene	ND	ug/Kg	550000	1600000	10000
m-Xylene & p-Xylene	ND	ug/Kg	880000	1600000	10000
o-Xylene	ND	ug/Kg	440000	1600000	10000
Styrene	ND	ug/Kg	290000	1600000	10000
Bromoform	ND	ug/Kg	390000	1600000	10000
Isopropylbenzene	ND	ug/Kg	590000	1600000	10000
Bromobenzene	ND	ug/Kg	310000	1600000	10000

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-210 (30-31')

Lab Sample ID: 360-2627-1

Date Sampled: 04/06/2006 1119  
Date Received: 04/10/2006 1720  
Percent Solids: 80

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared:			Date Analyzed: 04/18/2006 1709	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	540000	1600000	10000
1,2,3-Trichloropropane	ND	ug/Kg	850000	1600000	10000
N-Propylbenzene	ND	ug/Kg	540000	1600000	10000
2-Chlorotoluene	ND	ug/Kg	450000	1600000	10000
1,3,5-Trimethylbenzene	ND	ug/Kg	410000	1600000	10000
4-Chlorotoluene	ND	ug/Kg	340000	1600000	10000
tert-Butylbenzene	ND	ug/Kg	460000	1600000	10000
1,2,4-Trimethylbenzene	ND	ug/Kg	260000	1600000	10000
sec-Butylbenzene	ND	ug/Kg	510000	1600000	10000
1,3-Dichlorobenzene	ND	ug/Kg	160000	1600000	10000
4-Isopropyltoluene	ND	ug/Kg	490000	1600000	10000
1,4-Dichlorobenzene	ND	ug/Kg	290000	1600000	10000
n-Butylbenzene	ND	ug/Kg	630000	1600000	10000
1,2-Dichlorobenzene	ND	ug/Kg	280000	1600000	10000
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	680000	1600000	10000
1,2,4-Trichlorobenzene	ND	ug/Kg	450000	1600000	10000
Hexachlorobutadiene	ND	ug/Kg	660000	1600000	10000
Naphthalene	ND	ug/Kg	600000	16000000	10000
1,2,3-Trichlorobenzene	ND	ug/Kg	580000	1600000	10000
2,2-Dichloropropane	ND	ug/Kg	800000	1600000	10000
<b>Surrogate</b>				Acceptance Limits	
1,2-Dichloroethane-d4	91	%		70 - 130	
4-Bromoform	99	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8	98	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-210 (30-31')**

**Lab Sample ID: 360-2627-1**

Date Sampled: 04/06/2006 1119

Date Received: 04/10/2006 1720

Analyte	Result/Qualifier	Unit	NONE	RL	Dilution
Method: PercentMoisture	Date Prepared:				

Percent Moisture	20	%			1.0
------------------	----	---	--	--	-----

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-210 (43-46")**

**Lab Sample ID: 360-2627-2**

Date Sampled: 04/06/2006 1330  
 Date Received: 04/10/2006 1720  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/18/2006 1625		
Chloromethane	ND	ug/Kg	24000	140000	500
Vinyl chloride	ND	ug/Kg	37000	140000	500
Bromomethane	ND *	ug/Kg	18000	140000	500
Chloroethane	ND *	ug/Kg	35000	140000	500
Trichlorofluoromethane	ND	ug/Kg	29000	72000	500
1,1-Dichloroethene	ND	ug/Kg	27000	72000	500
Acetone	ND *	ug/Kg	1300000	7200000	500
Methylene Chloride	ND	ug/Kg	43000	140000	500
trans-1,2-Dichloroethene	ND	ug/Kg	25000	72000	500
Methyl tert-butyl ether	ND	ug/Kg	21000	72000	500
1,1-Dichloroethane	ND	ug/Kg	26000	72000	500
cis-1,2-Dichloroethene	ND	ug/Kg	35000	72000	500
Methyl Ethyl Ketone	ND *	ug/Kg	230000	580000	500
Chlorobromomethane	ND	ug/Kg	13000	72000	500
Chloroform	ND	ug/Kg	13000	72000	500
1,1,1-Trichloroethane	ND	ug/Kg	29000	72000	500
1,1-Dichloropropene	ND	ug/Kg	29000	72000	500
Carbon tetrachloride	ND	ug/Kg	28000	72000	500
Benzene	ND	ug/Kg	19000	72000	500
1,2-Dichloroethane	ND	ug/Kg	12000	72000	500
Trichloroethene	ND	ug/Kg	31000	72000	500
1,2-Dichloropropane	ND	ug/Kg	14000	72000	500
Dibromomethane	ND	ug/Kg	13000	72000	500
Dichlorobromomethane	ND	ug/Kg	9800	72000	500
cis-1,3-Dichloropropene	ND	ug/Kg	18000	72000	500
methyl isobutyl ketone	ND	ug/Kg	140000	580000	500
Toluene	ND	ug/Kg	14000	72000	500
trans-1,3-Dichloropropene	ND	ug/Kg	20000	72000	500
1,1,2-Trichloroethane	ND	ug/Kg	8600	72000	500
Tetrachloroethene	4400000	ug/Kg	38000	72000	500
1,3-Dichloropropane	ND	ug/Kg	16000	72000	500
2-Hexanone	ND	ug/Kg	140000	580000	500
Chlorodibromomethane	ND	ug/Kg	16000	72000	500
Ethylene Dibromide	ND	ug/Kg	12000	72000	500
Chlorobenzene	ND	ug/Kg	18000	72000	500
1,1,1,2-Tetrachloroethane	ND	ug/Kg	21000	72000	500
Ethylbenzene	ND	ug/Kg	25000	72000	500
m-Xylene & p-Xylene	ND	ug/Kg	40000	72000	500
o-Xylene	ND	ug/Kg	20000	72000	500
Styrene	ND	ug/Kg	13000	72000	500
Bromoform	ND	ug/Kg	18000	72000	500
Isopropylbenzene	ND	ug/Kg	27000	72000	500
Bromobenzene	ND	ug/Kg	14000	72000	500

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-210 (43-46')

Lab Sample ID: 360-2627-2

Date Sampled: 04/06/2006 1330  
 Date Received: 04/10/2006 1720  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/18/2006 1625		
1,1,2,2-Tetrachloroethane	ND	ug/Kg	25000	72000	500
1,2,3-Trichloropropane	ND	ug/Kg	39000	72000	500
N-Propylbenzene	ND	ug/Kg	25000	72000	500
2-Chlorotoluene	ND	ug/Kg	21000	72000	500
1,3,5-Trimethylbenzene	ND	ug/Kg	19000	72000	500
4-Chlorotoluene	ND	ug/Kg	16000	72000	500
tert-Butylbenzene	ND	ug/Kg	21000	72000	500
1,2,4-Trimethylbenzene	ND	ug/Kg	12000	72000	500
sec-Butylbenzene	ND	ug/Kg	24000	72000	500
1,3-Dichlorobenzene	ND	ug/Kg	7500	72000	500
4-Isopropyltoluene	ND	ug/Kg	22000	72000	500
1,4-Dichlorobenzene	ND	ug/Kg	13000	72000	500
n-Butylbenzene	ND	ug/Kg	29000	72000	500
1,2-Dichlorobenzene	ND	ug/Kg	13000	72000	500
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	31000	72000	500
1,2,4-Trichlorobenzene	ND	ug/Kg	21000	72000	500
Hexachlorobutadiene	ND	ug/Kg	31000	72000	500
Naphthalene	ND	ug/Kg	28000	720000	500
1,2,3-Trichlorobenzene	ND	ug/Kg	26000	72000	500
2,2-Dichloropropane	ND	ug/Kg	37000	72000	500
<b>Surrogate</b>					
1,2-Dichloroethane-d4	93	%		70 - 130	
4-Bromofluorobenzene	99	%		70 - 130	
Dibromofluoromethane	98	%		70 - 130	
Toluene-d8	98	%		70 - 130	

**Acceptance Limits**

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-210 (43-46')

Lab Sample ID: 360-2627-2

Date Sampled: 04/06/2006 1330

Date Received: 04/10/2006 1720

Analyte	Result/Qualifier	Unit	NONE	RL	Dilution
Method: PercentMoisture	Date Prepared:		Date Analyzed: 04/14/2006 1644		
Percent Moisture	13	%			1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-210 (47-49')**

**Lab Sample ID: 360-2627-3**

Date Sampled: 04/06/2006 1405  
 Date Received: 04/10/2006 1720  
 Percent Solids: 91

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/18/2006 1530	
Chloromethane	ND	ug/Kg	46	280	1.0
Vinyl chloride	ND	ug/Kg	70	280	1.0
Bromomethane	ND	ug/Kg	35	280	1.0
Chloroethane	ND	ug/Kg	67	280	1.0
Trichlorofluoromethane	ND	ug/Kg	55	140	1.0
1,1-Dichloroethene	230	ug/Kg	52	140	1.0
Acetone	ND	ug/Kg	2600	14000	1.0
Methylene Chloride	ND	ug/Kg	81	280	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	47	140	1.0
Methyl tert-butyl ether	ND	ug/Kg	40	140	1.0
1,1-Dichloroethane	ND	ug/Kg	51	140	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	66	140	1.0
Methyl Ethyl Ketone	ND	ug/Kg	430	1100	1.0
Chlorobromomethane	ND	ug/Kg	24	140	1.0
Chloroform	ND	ug/Kg	24	140	1.0
1,1,1-Trichloroethane	ND	ug/Kg	55	140	1.0
1,1-Dichloropropene	ND	ug/Kg	56	140	1.0
Carbon tetrachloride	ND	ug/Kg	53	140	1.0
Benzene	ND	ug/Kg	36	140	1.0
1,2-Dichloroethane	ND	ug/Kg	22	140	1.0
Trichloroethene	620	ug/Kg	59	140	1.0
1,2-Dichloropropane	ND	ug/Kg	26	140	1.0
Dibromomethane	ND	ug/Kg	25	140	1.0
Dichlorobromomethane	ND	ug/Kg	19	140	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	35	140	1.0
methyl isobutyl ketone	ND	ug/Kg	270	1100	1.0
Toluene	ND	ug/Kg	28	140	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	39	140	1.0
1,1,2-Trichloroethane	240	ug/Kg	17	140	1.0
Tetrachloroethene	4000	ug/Kg	73	140	1.0
1,3-Dichloropropane	ND	ug/Kg	30	140	1.0
2-Hexanone	ND	ug/Kg	270	1100	1.0
Chlorodibromomethane	ND	ug/Kg	30	140	1.0
Ethylene Dibromide	ND	ug/Kg	22	140	1.0
Chlorobenzene	ND	ug/Kg	34	140	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	41	140	1.0
Ethylbenzene	ND	ug/Kg	48	140	1.0
m-Xylene & p-Xylene	ND	ug/Kg	77	140	1.0
o-Xylene	ND	ug/Kg	39	140	1.0
Styrene	ND	ug/Kg	25	140	1.0
Bromoform	ND	ug/Kg	34	140	1.0
Isopropylbenzene	ND	ug/Kg	52	140	1.0
Bromobenzene	ND	ug/Kg	28	140	1.0

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-210 (47-49')

Lab Sample ID: 360-2627-3

Date Sampled: 04/06/2006 1405  
Date Received: 04/10/2006 1720  
Percent Solids: 91

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Prepared:				
1,1,2,2-Tetrachloroethane	ND	ug/Kg	47	140	1.0
1,2,3-Trichloropropane	ND	ug/Kg	75	140	1.0
N-Propylbenzene	ND	ug/Kg	47	140	1.0
2-Chlorotoluene	ND	ug/Kg	40	140	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	36	140	1.0
4-Chlorotoluene	ND	ug/Kg	30	140	1.0
tert-Butylbenzene	ND	ug/Kg	41	140	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	23	140	1.0
sec-Butylbenzene	ND	ug/Kg	45	140	1.0
1,3-Dichlorobenzene	ND	ug/Kg	14	140	1.0
4-Isopropyltoluene	ND	ug/Kg	43	140	1.0
1,4-Dichlorobenzene	ND	ug/Kg	25	140	1.0
n-Butylbenzene	ND	ug/Kg	55	140	1.0
1,2-Dichlorobenzene	ND	ug/Kg	24	140	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	59	140	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	40	140	1.0
Hexachlorobutadiene	ND	ug/Kg	58	140	1.0
Naphthalene	ND	ug/Kg	53	1400	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	51	140	1.0
2,2-Dichloropropane	ND	ug/Kg	70	140	1.0
Surrogate					
1,2-Dichloroethane-d4	88	%		70 - 130	
4-Bromofluorobenzene	99	%		70 - 130	
Dibromofluoromethane	94	%		70 - 130	
Toluene-d8	97	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-210 (47-49')**

**Lab Sample ID: 360-2627-3**

Date Sampled: 04/06/2006 1405

Date Received: 04/10/2006 1720

Analyte	Result/Qualifier	Unit	NONE	RL	Dilution
Method: PercentMoisture	Date Prepared:			Date Analyzed: 04/14/2006 1644	
Percent Moisture	9.2	%			1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-215 (40")**

**Lab Sample ID: 360-2627-4**

Date Sampled: 04/07/2006 1120

Date Received: 04/10/2006 1720

Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	<b>Date Prepared:</b>				<b>Date Analyzed: 04/18/2006 1557</b>
Chloromethane	ND	ug/Kg	47	280	1.0
Vinyl chloride	ND	ug/Kg	71	280	1.0
Bromomethane	ND *	ug/Kg	36	280	1.0
Chloroethane	ND *	ug/Kg	68	280	1.0
Trichlorofluoromethane	ND	ug/Kg	56	140	1.0
1,1-Dichloroethene	ND	ug/Kg	52	140	1.0
Acetone	ND *	ug/Kg	2600	14000	1.0
Methylene Chloride	ND	ug/Kg	82	280	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	48	140	1.0
Methyl tert-butyl ether	ND	ug/Kg	40	140	1.0
1,1-Dichloroethane	ND	ug/Kg	51	140	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	67	140	1.0
Methyl Ethyl Ketone	ND *	ug/Kg	440	1100	1.0
Chlorobromomethane	ND	ug/Kg	25	140	1.0
Chloroform	ND	ug/Kg	25	140	1.0
1,1,1-Trichloroethane	ND	ug/Kg	56	140	1.0
1,1-Dichloropropene	ND	ug/Kg	57	140	1.0
Carbon tetrachloride	ND	ug/Kg	54	140	1.0
Benzene	ND	ug/Kg	37	140	1.0
1,2-Dichloroethane	ND	ug/Kg	22	140	1.0
Trichloroethene	ND	ug/Kg	60	140	1.0
1,2-Dichloropropane	ND	ug/Kg	27	140	1.0
Dibromomethane	ND	ug/Kg	26	140	1.0
Dichlorobromomethane	ND	ug/Kg	19	140	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	36	140	1.0
methyl isobutyl ketone	ND	ug/Kg	270	1100	1.0
Toluene	ND	ug/Kg	28	140	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	39	140	1.0
1,1,2-Trichloroethane	ND	ug/Kg	17	140	1.0
Tetrachloroethene	3900	ug/Kg	74	140	1.0
1,3-Dichloropropane	ND	ug/Kg	30	140	1.0
2-Hexanone	ND	ug/Kg	280	1100	1.0
Chlorodibromomethane	ND	ug/Kg	30	140	1.0
Ethylene Dibromide	ND	ug/Kg	22	140	1.0
Chlorobenzene	ND	ug/Kg	35	140	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	41	140	1.0
Ethylbenzene	ND	ug/Kg	49	140	1.0
m-Xylene & p-Xylene	ND	ug/Kg	78	140	1.0
o-Xylene	ND	ug/Kg	39	140	1.0
Styrene	ND	ug/Kg	26	140	1.0
Bromoform	ND	ug/Kg	35	140	1.0
Isopropylbenzene	ND	ug/Kg	52	140	1.0
Bromobenzene	ND	ug/Kg	28	140	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-215 (40')**

**Lab Sample ID: 360-2627-4**

Date Sampled: 04/07/2006 1120  
 Date Received: 04/10/2006 1720  
 Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution	
<b>Method: 8260B</b>	<b>Date Prepared:</b>		<b>Date Analyzed: 04/18/2006 1557</b>			
1,1,2,2-Tetrachloroethane	ND	ug/Kg	48	140	1.0	
1,2,3-Trichloropropane	ND	ug/Kg	76	140	1.0	
N-Propylbenzene	ND	ug/Kg	48	140	1.0	
2-Chlorotoluene	ND	ug/Kg	40	140	1.0	
1,3,5-Trimethylbenzene	ND	ug/Kg	37	140	1.0	
4-Chlorotoluene	ND	ug/Kg	30	140	1.0	
tert-Butylbenzene	ND	ug/Kg	41	140	1.0	
1,2,4-Trimethylbenzene	ND	ug/Kg	23	140	1.0	
sec-Butylbenzene	ND	ug/Kg	46	140	1.0	
1,3-Dichlorobenzene	ND	ug/Kg	14	140	1.0	
4-Isopropyltoluene	ND	ug/Kg	43	140	1.0	
1,4-Dichlorobenzene	ND	ug/Kg	26	140	1.0	
n-Butylbenzene	ND	ug/Kg	56	140	1.0	
1,2-Dichlorobenzene	ND	ug/Kg	25	140	1.0	
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	60	140	1.0	
1,2,4-Trichlorobenzene	ND	ug/Kg	40	140	1.0	
Hexachlorobutadiene	ND	ug/Kg	59	140	1.0	
Naphthalene	ND	ug/Kg	54	1400	1.0	
1,2,3-Trichlorobenzene	ND	ug/Kg	51	140	1.0	
2,2-Dichloropropane	ND	ug/Kg	71	140	1.0	
<b>Surrogate</b>						
1,2-Dichloroethane-d4	87	%	Acceptance Limits			
4-Bromofluorobenzene	97	%	70 - 130			
Dibromofluoromethane	93	%	70 - 130			
Toluene-d8	97	%	70 - 130			

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-215 (40')

Lab Sample ID: 360-2627-4

Date Sampled: 04/07/2006 1120  
Date Received: 04/10/2006 1720

Analyte	Result/Qualifier	Unit	NONE	RL	Dilution
Method: PercentMoisture	Date Prepared:				Date Analyzed: 04/14/2006 1644

Percent Moisture	10	%			1.0
------------------	----	---	--	--	-----

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-215 (54')**

**Lab Sample ID: 360-2627-5**

Date Sampled: 04/07/2006 1310  
 Date Received: 04/10/2006 1720  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/18/2006 1736		
Chloromethane	ND	ug/Kg	240	1400	5.0
Vinyl chloride	ND	ug/Kg	370	1400	5.0
Bromomethane	ND *	ug/Kg	180	1400	5.0
Chloroethane	ND *	ug/Kg	350	1400	5.0
Trichlorofluoromethane	ND	ug/Kg	290	720	5.0
1,1-Dichloroethene	ND	ug/Kg	270	720	5.0
Acetone	ND *	ug/Kg	13000	72000	5.0
Methylene Chloride	ND	ug/Kg	420	1400	5.0
trans-1,2-Dichloroethene	ND	ug/Kg	250	720	5.0
Methyl tert-butyl ether	ND	ug/Kg	210	720	5.0
1,1-Dichloroethane	ND	ug/Kg	260	720	5.0
cis-1,2-Dichloroethene	ND	ug/Kg	340	720	5.0
Methyl Ethyl Ketone	ND *	ug/Kg	2300	5700	5.0
Chlorobromomethane	ND	ug/Kg	130	720	5.0
Chloroform	ND	ug/Kg	130	720	5.0
1,1,1-Trichloroethane	ND	ug/Kg	290	720	5.0
1,1-Dichloropropene	ND	ug/Kg	290	720	5.0
Carbon tetrachloride	ND	ug/Kg	270	720	5.0
Benzene	ND	ug/Kg	190	720	5.0
1,2-Dichloroethane	ND	ug/Kg	110	720	5.0
Trichloroethene	ND	ug/Kg	310	720	5.0
1,2-Dichloropropane	ND	ug/Kg	140	720	5.0
Dibromomethane	ND	ug/Kg	130	720	5.0
Dichlorobromomethane	ND	ug/Kg	97	720	5.0
cis-1,3-Dichloropropene	ND	ug/Kg	180	720	5.0
methyl isobutyl ketone	ND	ug/Kg	1400	5700	5.0
Toluene	ND	ug/Kg	140	720	5.0
trans-1,3-Dichloropropene	ND	ug/Kg	200	720	5.0
1,1,2-Trichloroethane	ND	ug/Kg	86	720	5.0
Tetrachloroethene	48000	ug/Kg	380	720	5.0
1,3-Dichloropropane	ND	ug/Kg	150	720	5.0
2-Hexanone	ND	ug/Kg	1400	5700	5.0
Chlorodibromomethane	ND	ug/Kg	150	720	5.0
Ethylene Dibromide	ND	ug/Kg	110	720	5.0
Chlorobenzene	ND	ug/Kg	180	720	5.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	210	720	5.0
Ethylbenzene	ND	ug/Kg	250	720	5.0
m-Xylene & p-Xylene	ND	ug/Kg	400	720	5.0
o-Xylene	ND	ug/Kg	200	720	5.0
Styrene	ND	ug/Kg	130	720	5.0
Bromoform	ND	ug/Kg	180	720	5.0
Isopropylbenzene	ND	ug/Kg	270	720	5.0
Bromobenzene	ND	ug/Kg	140	720	5.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2627-1

**Client Sample ID: SB-215 (54')**

**Lab Sample ID: 360-2627-5**

Date Sampled: 04/07/2006 1310  
 Date Received: 04/10/2006 1720  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:				Date Analyzed: 04/18/2006 1736
1,1,2,2-Tetrachloroethane	ND	ug/Kg	250	720	5.0
1,2,3-Trichloropropane	ND	ug/Kg	390	720	5.0
N-Propylbenzene	ND	ug/Kg	250	720	5.0
2-Chlorotoluene	ND	ug/Kg	210	720	5.0
1,3,5-Trimethylbenzene	ND	ug/Kg	190	720	5.0
4-Chlorotoluene	ND	ug/Kg	150	720	5.0
tert-Butylbenzene	ND	ug/Kg	210	720	5.0
1,2,4-Trimethylbenzene	ND	ug/Kg	120	720	5.0
sec-Butylbenzene	ND	ug/Kg	230	720	5.0
1,3-Dichlorobenzene	ND	ug/Kg	74	720	5.0
4-Isopropyltoluene	ND	ug/Kg	220	720	5.0
1,4-Dichlorobenzene	ND	ug/Kg	130	720	5.0
n-Butylbenzene	ND	ug/Kg	290	720	5.0
1,2-Dichlorobenzene	ND	ug/Kg	130	720	5.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	310	720	5.0
1,2,4-Trichlorobenzene	ND	ug/Kg	210	720	5.0
Hexachlorobutadiene	ND	ug/Kg	300	720	5.0
Naphthalene	ND	ug/Kg	270	7200	5.0
1,2,3-Trichlorobenzene	ND	ug/Kg	260	720	5.0
2,2-Dichloropropane	ND	ug/Kg	370	720	5.0
<b>Surrogate</b>					
1,2-Dichloroethane-d4	89	%		70 - 130	
4-Bromofluorobenzene	100	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8	99	%		70 - 130	
<b>Acceptance Limits</b>					

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2627-1

Client Sample ID: SB-215 (54')

Lab Sample ID: 360-2627-5

Date Sampled: 04/07/2006 1310  
Date Received: 04/10/2006 1720

Analyte	Result/Qualifier	Unit	NONE	RL	Dilution
<b>Method: PercentMoisture</b>	Date Prepared:				
Percent Moisture	13	%			1.0

## DATA REPORTING QUALIFIERS

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

Lab Section	Qualifier	Description
GC/MS VOA	B	Compound was found in the blank and sample.
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>				
<b>Analysis Batch:360-5288</b>				
LCS 360-5288/1	Lab Control Spike	Solid	8260B	
LCSD 360-5288/2	Lab Control Spike Duplicate	Solid	8260B	
MB 360-5288/3	Method Blank	Solid	8260B	
360-2627-1	SB-210 (30-31')	Solid	8260B	
360-2627-2	SB-210 (43-46')	Solid	8260B	
360-2627-3	SB-210 (47-49')	Solid	8260B	
360-2627-4	SB-215 (40')	Solid	8260B	
360-2627-5	SB-215 (54')	Solid	8260B	
<b>General Chemistry</b>				
<b>Analysis Batch:360-5159</b>				
360-2627-1	SB-210 (30-31')	Solid	PercentMoisture	
360-2627-2	SB-210 (43-46')	Solid	PercentMoisture	
360-2627-3	SB-210 (47-49')	Solid	PercentMoisture	
360-2627-4	SB-215 (40')	Solid	PercentMoisture	
360-2627-5	SB-215 (54')	Solid	PercentMoisture	

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

Method Blank - Batch: 360-5288

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 360-5288/3

Analysis Batch: 360-5288

Instrument ID: HP 5890/5972 GC/MS

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: V33182.D

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 0.1 mL

Date Analyzed: 04/18/2006 1150

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Chloromethane	ND		42	250
Vinyl chloride	ND		64	250
Bromomethane	ND		32	250
Chloroethane	ND		61	250
Trichlorofluoromethane	ND		50	130
1,1-Dichloroethene	ND		47	130
Acetone	ND		2300	13000
Methylene Chloride	ND		74	250
trans-1,2-Dichloroethene	ND		43	130
Methyl tert-butyl ether	ND		36	130
1,1-Dichloroethane	ND		46	130
cis-1,2-Dichloroethene	ND		60	130
Methyl Ethyl Ketone	ND		390	1000
Chlorobromomethane	ND		22	130
Chloroform	ND		22	130
1,1,1-Trichloroethane	ND		50	130
1,1-Dichloropropene	ND		51	130
Carbon tetrachloride	ND		48	130
Benzene	ND		33	130
1,2-Dichloroethane	ND		20	130
Trichloroethene	ND		54	130
1,2-Dichloropropane	ND		24	130
Dibromomethane	ND		23	130
Dichlorobromomethane	ND		17	130
cis-1,3-Dichloropropene	ND		32	130
methyl isobutyl ketone	ND		240	1000
Toluene	ND		25	130
trans-1,3-Dichloropropene	ND		35	130
1,1,2-Trichloroethane	ND		15	130
Tetrachloroethene	ND		66	130
1,3-Dichloropropane	ND		27	130
2-Hexanone	ND		250	1000
Chlorodibromomethane	ND		27	130
Ethylene Dibromide	ND		20	130
Chlorobenzene	ND		31	130
1,1,1,2-Tetrachloroethane	ND		37	130
Ethylbenzene	ND		44	130
m-Xylene & p-Xylene	ND		70	130
o-Xylene	ND		35	130
Styrene	ND		23	130
Bromoform	ND		31	130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

**Method Blank - Batch: 360-5288**

**Method: 8260B**

**Preparation: N/A**

Lab Sample ID: MB 360-5288/3

Analysis Batch: 360-5288

Instrument ID: HP 5890/5972 GC/MS

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: V33182.D

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 0.1 mL

Date Analyzed: 04/18/2006 1150

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		47	130
Bromobenzene	ND		25	130
1,1,2,2-Tetrachloroethane	ND		43	130
1,2,3-Trichloropropane	ND		68	130
N-Propylbenzene	ND		43	130
2-Chlorotoluene	ND		36	130
1,3,5-Trimethylbenzene	ND		33	130
4-Chlorotoluene	ND		27	130
tert-Butylbenzene	ND		37	130
1,2,4-Trimethylbenzene	ND		21	130
sec-Butylbenzene	ND		41	130
1,3-Dichlorobenzene	ND		13	130
4-Isopropyltoluene	ND		39	130
1,4-Dichlorobenzene	ND		23	130
n-Butylbenzene	ND		50	130
1,2-Dichlorobenzene	ND		22	130
1,2-Dibromo-3-Chloropropane	ND		54	130
1,2,4-Trichlorobenzene	37	J	36	130
Hexachlorobutadiene	ND		53	130
Naphthalene	ND		48	1300
1,2,3-Trichlorobenzene	ND		46	130
2,2-Dichloropropane	ND		64	130
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4	92		70 - 130	
4-Bromofluorobenzene	100		70 - 130	
Dibromofluoromethane	97		70 - 130	
Toluene-d8	99		70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5288

**Method: 8260B**

**Preparation: N/A**

LCS Lab Sample ID: LCS 360-5288/1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/18/2006 1028  
 Date Prepared: N/A

Analysis Batch: 360-5288  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33179.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5288/2  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/18/2006 1055  
 Date Prepared: N/A

Analysis Batch: 360-5288  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33180.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	103	103	70 - 130	1	25		
Vinyl chloride	98	99	70 - 130	0	25		
Bromomethane	69	70	70 - 130	2	25	*	
Chloroethane	21	20	70 - 130	6	25	*	*
Trichlorofluoromethane	80	70	70 - 130	12	25		
1,1-Dichloroethene	85	84	70 - 130	1	25		
Acetone	57	58	70 - 130	3	25	*	*
Methylene Chloride	83	82	70 - 130	1	25		
trans-1,2-Dichloroethene	79	78	70 - 130	2	25		
Methyl tert-butyl ether	75	75	70 - 130	0	25		
1,1-Dichloroethane	90	89	70 - 130	0	25		
cis-1,2-Dichloroethene	88	87	70 - 130	0	25		
Methyl Ethyl Ketone	67	71	70 - 130	5	25	*	
Chlorobromomethane	92	92	70 - 130	1	25		
Chloroform	84	83	70 - 130	1	25		
1,1,1-Trichloroethane	82	81	70 - 130	1	25		
1,1-Dichloropropene	86	82	70 - 130	5	25		
Carbon tetrachloride	86	83	70 - 130	5	25		
Benzene	91	86	70 - 130	5	25		
1,2-Dichloroethane	77	79	70 - 130	2	25		
Trichloroethene	91	85	70 - 130	7	25		
1,2-Dichloropropane	89	86	70 - 130	4	25		
Dibromomethane	84	86	70 - 130	2	25		
Dichlorobromomethane	79	78	70 - 130	1	25		
cis-1,3-Dichloropropene	85	84	70 - 130	2	25		
methyl isobutyl ketone	79	82	70 - 130	4	25		
Toluene	90	89	70 - 130	1	25		
trans-1,3-Dichloropropene	87	88	70 - 130	1	25		
1,1,2-Trichloroethane	90	90	70 - 130	1	25		
Tetrachloroethene	96	93	70 - 130	3	25		
1,3-Dichloropropane	90	90	70 - 130	0	25		
2-Hexanone	75	78	70 - 130	4	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5288

**Method: 8260B**  
**Preparation: N/A**

LCS Lab Sample ID: LCS 360-5288/1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/18/2006 1028  
 Date Prepared: N/A

Analysis Batch: 360-5288  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33179.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5288/2  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/18/2006 1055  
 Date Prepared: N/A

Analysis Batch: 360-5288  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33180.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

Analyte			% Rec.					
	LCS	LCSD		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chlorodibromomethane	92	91		70 - 130	1	25		
Ethylene Dibromide	90	90		70 - 130	0	25		
Chlorobenzene	92	92		70 - 130	0	25		
1,1,1,2-Tetrachloroethane	92	91		70 - 130	2	25		
Ethylbenzene	93	92		70 - 130	1	25		
m-Xylene & p-Xylene	93	93		70 - 130	1	25		
o-Xylene	93	92		70 - 130	0	25		
Styrene	94	95		70 - 130	0	25		
Bromoform	97	98		70 - 130	1	25		
Isopropylbenzene	100	101		70 - 130	1	25		
Bromobenzene	96	93		70 - 130	3	25		
1,1,2,2-Tetrachloroethane	89	95		70 - 130	6	25		
1,2,3-Trichloropropane	92	93		70 - 130	1	25		
N-Propylbenzene	95	94		70 - 130	1	25		
2-Chlorotoluene	91	91		70 - 130	1	25		
1,3,5-Trimethylbenzene	93	93		70 - 130	0	25		
4-Chlorotoluene	94	93		70 - 130	1	25		
tert-Butylbenzene	96	95		70 - 130	2	25		
1,2,4-Trimethylbenzene	91	91		70 - 130	0	25		
sec-Butylbenzene	95	95		70 - 130	0	25		
1,3-Dichlorobenzene	93	92		70 - 130	2	25		
4-Isopropyltoluene	98	96		70 - 130	2	25		
1,4-Dichlorobenzene	91	93		70 - 130	2	25		
n-Butylbenzene	94	96		70 - 130	2	25		
1,2-Dichlorobenzene	92	94		70 - 130	2	25		
1,2-Dibromo-3-Chloropropane	81	85		70 - 130	6	25		
1,2,4-Trichlorobenzene	97	93		70 - 130	4	25	B	B
Hexachlorobutadiene	112	99		70 - 130	12	25		
Naphthalene	103	99		70 - 130	3	25		
1,2,3-Trichlorobenzene	106	100		70 - 130	6	25		
2,2-Dichloropropane	83	84		70 - 130	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4	96	99	70 - 130
4-Bromofluorobenzene	106	106	70 - 130
Dibromofluoromethane	100	101	70 - 130
Toluene-d8	106	107	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2627-1

**Login Number: 2627**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



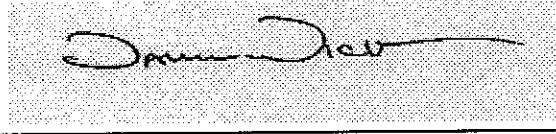
## ANALYTICAL REPORT

Job Number: 360-2783-1

Job Description: Textron Providence 101960

For:  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Attention: Edward Van Doren



Jamie Wickham  
Technology Manager  
[jwickham@stl-inc.com](mailto:jwickham@stl-inc.com)  
04/28/2006

Project Manager: Becky Mason

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. STL Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

Severn Trent Laboratories, Inc.

STL Westfield Westfield Executive Park 53 Southampton Road,  
Westfield, MA 01085

Tel (413) 572-4000 Fax (413) 572-3707 [www.stl-inc.com](http://www.stl-inc.com) Page 1 of 36



## METHOD SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-WES	SW846 8260B	
Purge-and-Trap for Aqueous Samples/High	STL-WES		SW846 5030B
Percent Moisture	STL-WES	EPA	PercentMoisture

### LAB REFERENCES:

STL-WES = STL-Westfield

### METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Method	Analyst	Analyst ID
SW846 8260B	Cao, Xingluan	XC
EPA PercentMoisture	Lobudek, John J	JJL

## SAMPLE SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-2783-1	SB-211 (36')	Solid	04/10/2006 1120	04/17/2006 1820
360-2783-2	SB-211 (45')	Solid	04/10/2006 1210	04/17/2006 1820
360-2783-3	SB-214 (28')	Solid	04/11/2006 0850	04/17/2006 1820
360-2783-4	SB-214 (48')	Solid	04/11/2006 1130	04/17/2006 1820
360-2783-5	SB-212 (38')	Solid	04/12/2006 1138	04/17/2006 1820
360-2783-6	SB-212 (32')	Solid	04/12/2006 1058	04/17/2006 1820
360-2783-7	SB-213 (38')	Solid	04/13/2006 1000	04/17/2006 1820

## **SAMPLE RESULTS**

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-211 (36')

Lab Sample ID: 360-2783-1

Date Sampled: 04/10/2006 1120  
 Date Received: 04/17/2006 1820  
 Percent Solids: 73

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	<b>Date Prepared:</b>		<b>Date Analyzed: 04/21/2006 0230</b>		
Chloromethane	ND	ug/Kg	58	340	1.0
Vinyl chloride	ND	ug/Kg	88	340	1.0
Bromomethane	ND	ug/Kg	44	340	1.0
Chloroethane	ND *	ug/Kg	84	340	1.0
Trichlorofluoromethane	ND	ug/Kg	69	170	1.0
1,1-Dichloroethene	ND	ug/Kg	65	170	1.0
Acetone	ND *	ug/Kg	3200	17000	1.0
Methylene Chloride	ND	ug/Kg	100	340	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	59	170	1.0
Methyl tert-butyl ether	ND	ug/Kg	50	170	1.0
1,1-Dichloroethane	ND	ug/Kg	63	170	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	83	170	1.0
Methyl Ethyl Ketone	ND	ug/Kg	540	1400	1.0
Chlorobromomethane	ND	ug/Kg	30	170	1.0
Chloroform	ND	ug/Kg	30	170	1.0
1,1,1-Trichloroethane	ND	ug/Kg	69	170	1.0
1,1-Dichloropropene	ND	ug/Kg	70	170	1.0
Carbon tetrachloride	ND	ug/Kg	66	170	1.0
Benzene	ND	ug/Kg	45	170	1.0
1,2-Dichloroethane	ND	ug/Kg	28	170	1.0
Trichloroethene	ND	ug/Kg	74	170	1.0
1,2-Dichloropropane	ND	ug/Kg	33	170	1.0
Dibromomethane	ND	ug/Kg	32	170	1.0
Dichlorobromomethane	ND	ug/Kg	23	170	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	44	170	1.0
methyl isobutyl ketone	ND	ug/Kg	330	1400	1.0
Toluene	ND	ug/Kg	34	170	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	48	170	1.0
1,1,2-Trichloroethane	ND	ug/Kg	21	170	1.0
Tetrachloroethene	9400	ug/Kg	91	170	1.0
1,3-Dichloropropane	ND	ug/Kg	37	170	1.0
2-Hexanone	ND	ug/Kg	340	1400	1.0
Chlorodibromomethane	ND	ug/Kg	37	170	1.0
Ethylene Dibromide	ND	ug/Kg	28	170	1.0
Chlorobenzene	ND	ug/Kg	43	170	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	51	170	1.0
Ethylbenzene	ND	ug/Kg	61	170	1.0
m-Xylene & p-Xylene	ND	ug/Kg	96	170	1.0
o-Xylene	ND	ug/Kg	48	170	1.0
Styrene	ND	ug/Kg	32	170	1.0
Bromoform	ND	ug/Kg	43	170	1.0
Isopropylbenzene	ND	ug/Kg	65	170	1.0
Bromobenzene	ND	ug/Kg	34	170	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-211 (36')**

**Lab Sample ID: 360-2783-1**

Date Sampled: 04/10/2006 1120  
 Date Received: 04/17/2006 1820  
 Percent Solids: 73

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0230		
1,1,2,2-Tetrachloroethane	ND	ug/Kg	59	170	1.0
1,2,3-Trichloropropane	ND	ug/Kg	94	170	1.0
N-Propylbenzene	ND	ug/Kg	59	170	1.0
2-Chlorotoluene	ND	ug/Kg	50	170	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	45	170	1.0
4-Chlorotoluene	ND	ug/Kg	37	170	1.0
tert-Butylbenzene	ND	ug/Kg	51	170	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	29	170	1.0
sec-Butylbenzene	ND	ug/Kg	57	170	1.0
1,3-Dichlorobenzene	ND	ug/Kg	18	170	1.0
4-Isopropyltoluene	ND	ug/Kg	54	170	1.0
1,4-Dichlorobenzene	ND	ug/Kg	32	170	1.0
n-Butylbenzene	ND	ug/Kg	69	170	1.0
1,2-Dichlorobenzene	ND	ug/Kg	30	170	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	74	170	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	50	170	1.0
Hexachlorobutadiene	ND	ug/Kg	73	170	1.0
Naphthalene	ND	ug/Kg	66	1700	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	63	170	1.0
2,2-Dichloropropane	ND	ug/Kg	88	170	1.0
<b>Surrogate</b>			<b>Acceptance Limits</b>		
1,2-Dichloroethane-d4	89	%	70 - 130		
4-Bromofluorobenzene	96	%	70 - 130		
Dibromofluoromethane	94	%	70 - 130		
Toluene-d8	98	%	70 - 130		

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-211 (36')

Lab Sample ID: 360-2783-1

Date Sampled: 04/10/2006 1120

Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: Percent Moisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	27	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-211 (45')

Lab Sample ID: 360-2783-2

Date Sampled: 04/10/2006 1210  
 Date Received: 04/17/2006 1820  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	<b>Date Prepared:</b>				<b>Date Analyzed: 04/21/2006 0912</b>
Chloromethane	ND	ug/Kg	240	1400	5.0
Vinyl chloride	ND	ug/Kg	370	1400	5.0
Bromomethane	ND	ug/Kg	180	1400	5.0
Chloroethane	ND *	ug/Kg	350	1400	5.0
Trichlorofluoromethane	ND	ug/Kg	290	720	5.0
1,1-Dichloroethene	ND	ug/Kg	270	720	5.0
Acetone	ND *	ug/Kg	13000	72000	5.0
Methylene Chloride	ND	ug/Kg	420	1400	5.0
trans-1,2-Dichloroethene	ND	ug/Kg	250	720	5.0
Methyl tert-butyl ether	ND	ug/Kg	210	720	5.0
1,1-Dichloroethane	ND	ug/Kg	260	720	5.0
cis-1,2-Dichloroethene	ND	ug/Kg	340	720	5.0
Methyl Ethyl Ketone	ND	ug/Kg	2200	5700	5.0
Chlorobromomethane	ND	ug/Kg	130	720	5.0
Chloroform	ND	ug/Kg	130	720	5.0
1,1,1-Trichloroethane	ND	ug/Kg	290	720	5.0
1,1-Dichloropropene	ND	ug/Kg	290	720	5.0
Carbon tetrachloride	ND	ug/Kg	270	720	5.0
Benzene	ND	ug/Kg	190	720	5.0
1,2-Dichloroethane	ND	ug/Kg	110	720	5.0
Trichloroethene	ND	ug/Kg	310	720	5.0
1,2-Dichloropropane	ND	ug/Kg	140	720	5.0
Dibromomethane	ND	ug/Kg	130	720	5.0
Dichlorobromomethane	ND	ug/Kg	97	720	5.0
cis-1,3-Dichloropropene	ND	ug/Kg	180	720	5.0
methyl isobutyl ketone	ND	ug/Kg	1400	5700	5.0
Toluene	ND	ug/Kg	140	720	5.0
trans-1,3-Dichloropropene	ND	ug/Kg	200	720	5.0
1,1,2-Trichloroethane	ND	ug/Kg	86	720	5.0
Tetrachloroethene	49000	ug/Kg	380	720	5.0
1,3-Dichloropropane	ND	ug/Kg	150	720	5.0
2-Hexanone	ND	ug/Kg	1400	5700	5.0
Chlorodibromomethane	ND	ug/Kg	150	720	5.0
Ethylene Dibromide	ND	ug/Kg	110	720	5.0
Chlorobenzene	ND	ug/Kg	180	720	5.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	210	720	5.0
Ethylbenzene	ND	ug/Kg	250	720	5.0
m-Xylene & p-Xylene	ND	ug/Kg	400	720	5.0
o-Xylene	ND	ug/Kg	200	720	5.0
Styrene	ND	ug/Kg	130	720	5.0
Bromoform	ND	ug/Kg	180	720	5.0
Isopropylbenzene	ND	ug/Kg	270	720	5.0
Bromobenzene	ND	ug/Kg	140	720	5.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-211 (45')**

**Lab Sample ID: 360-2783-2**

Date Sampled: 04/10/2006 1210  
 Date Received: 04/17/2006 1820  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0912	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	250	720	5.0
1,2,3-Trichloropropane	ND	ug/Kg	390	720	5.0
N-Propylbenzene	ND	ug/Kg	250	720	5.0
2-Chlorotoluene	ND	ug/Kg	210	720	5.0
1,3,5-Trimethylbenzene	ND	ug/Kg	190	720	5.0
4-Chlorotoluene	ND	ug/Kg	150	720	5.0
tert-Butylbenzene	ND	ug/Kg	210	720	5.0
1,2,4-Trimethylbenzene	ND	ug/Kg	120	720	5.0
sec-Butylbenzene	ND	ug/Kg	230	720	5.0
1,3-Dichlorobenzene	ND	ug/Kg	74	720	5.0
4-Isopropyltoluene	ND	ug/Kg	220	720	5.0
1,4-Dichlorobenzene	ND	ug/Kg	130	720	5.0
n-Butylbenzene	ND	ug/Kg	290	720	5.0
1,2-Dichlorobenzene	ND	ug/Kg	130	720	5.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	310	720	5.0
1,2,4-Trichlorobenzene	ND	ug/Kg	210	720	5.0
Hexachlorobutadiene	ND	ug/Kg	300	720	5.0
Naphthalene	ND	ug/Kg	270	7200	5.0
1,2,3-Trichlorobenzene	ND	ug/Kg	260	720	5.0
2,2-Dichloropropane	ND	ug/Kg	370	720	5.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4	96	%	70 - 130
4-Bromofluorobenzene	94	%	70 - 130
Dibromofluoromethane	102	%	70 - 130
Toluene-d8	100	%	70 - 130

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-211 (45')**

**Lab Sample ID: 360-2783-2**

Date Sampled: 04/10/2006 1210  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method: PercentMoisture</b>	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	13	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-214 (28')

Lab Sample ID: 360-2783-3

Date Sampled: 04/11/2006 0850  
 Date Received: 04/17/2006 1820  
 Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0325	
Chloromethane	ND	ug/Kg	50	300	1.0
Vinyl chloride	ND	ug/Kg	77	300	1.0
Bromomethane	ND	ug/Kg	38	300	1.0
Chloroethane	ND *	ug/Kg	73	300	1.0
Trichlorofluoromethane	ND	ug/Kg	60	150	1.0
1,1-Dichloroethene	ND	ug/Kg	56	150	1.0
Acetone	ND *	ug/Kg	2800	15000	1.0
Methylene Chloride	ND	ug/Kg	89	300	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	52	150	1.0
Methyl tert-butyl ether	ND	ug/Kg	43	150	1.0
1,1-Dichloroethane	ND	ug/Kg	55	150	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	72	150	1.0
Methyl Ethyl Ketone	ND	ug/Kg	470	1200	1.0
Chlorobromomethane	ND	ug/Kg	26	150	1.0
Chloroform	ND	ug/Kg	26	150	1.0
1,1,1-Trichloroethane	ND	ug/Kg	60	150	1.0
1,1-Dichloropropene	68 J	ug/Kg	61	150	1.0
Carbon tetrachloride	ND	ug/Kg	58	150	1.0
Benzene	ND	ug/Kg	40	150	1.0
1,2-Dichloroethane	ND	ug/Kg	24	150	1.0
Trichloroethene	ND	ug/Kg	65	150	1.0
1,2-Dichloropropane	ND	ug/Kg	29	150	1.0
Dibromomethane	ND	ug/Kg	28	150	1.0
Dichlorobromomethane	ND	ug/Kg	20	150	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	38	150	1.0
methyl isobutyl ketone	ND	ug/Kg	290	1200	1.0
Toluene	ND	ug/Kg	30	150	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	42	150	1.0
1,1,2-Trichloroethane	21 J	ug/Kg	18	150	1.0
Tetrachloroethene	2500	ug/Kg	79	150	1.0
1,3-Dichloropropane	ND	ug/Kg	32	150	1.0
2-Hexanone	ND	ug/Kg	300	1200	1.0
Chlorodibromomethane	ND	ug/Kg	32	150	1.0
Ethylene Dibromide	ND	ug/Kg	24	150	1.0
Chlorobenzene	ND	ug/Kg	37	150	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	44	150	1.0
Ethylbenzene	ND	ug/Kg	53	150	1.0
m-Xylene & p-Xylene	ND	ug/Kg	84	150	1.0
o-Xylene	ND	ug/Kg	42	150	1.0
Styrene	ND	ug/Kg	28	150	1.0
Bromoform	ND	ug/Kg	37	150	1.0
Isopropylbenzene	ND	ug/Kg	56	150	1.0
Bromobenzene	ND	ug/Kg	30	150	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-214 (28')**

**Lab Sample ID: 360-2783-3**

Date Sampled: 04/11/2006 0850  
 Date Received: 04/17/2006 1820  
 Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0325		
1,1,2,2-Tetrachloroethane	ND	ug/Kg	52	150	1.0
1,2,3-Trichloropropane	ND	ug/Kg	82	150	1.0
N-Propylbenzene	ND	ug/Kg	52	150	1.0
2-Chlorotoluene	ND	ug/Kg	43	150	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	40	150	1.0
4-Chlorotoluene	ND	ug/Kg	32	150	1.0
tert-Butylbenzene	ND	ug/Kg	44	150	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	25	150	1.0
sec-Butylbenzene	ND	ug/Kg	49	150	1.0
1,3-Dichlorobenzene	ND	ug/Kg	16	150	1.0
4-Isopropyltoluene	ND	ug/Kg	47	150	1.0
1,4-Dichlorobenzene	ND	ug/Kg	28	150	1.0
n-Butylbenzene	ND	ug/Kg	60	150	1.0
1,2-Dichlorobenzene	ND	ug/Kg	26	150	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	65	150	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	43	150	1.0
Hexachlorobutadiene	ND	ug/Kg	64	150	1.0
Naphthalene	ND	ug/Kg	58	1500	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	55	150	1.0
2,2-Dichloropropane	ND	ug/Kg	77	150	1.0
<hr/>					
<b>Surrogate</b>			<b>Acceptance Limits</b>		
1,2-Dichloroethane-d4	92	%	70 - 130		
4-Bromofluorobenzene	96	%	70 - 130		
Dibromofluoromethane	97	%	70 - 130		
Toluene-d8	99	%	70 - 130		

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-214 (28')

Lab Sample ID: 360-2783-3

Date Sampled: 04/11/2006 0850  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method: PercentMoisture</b>	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	17	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-214 (48")**

**Lab Sample ID: 360-2783-4**

Date Sampled: 04/11/2006 1130  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	<b>Date Prepared:</b>			<b>Date Analyzed: 04/21/2006 0352</b>	
Chloromethane	ND	ug/Kg	45	270	1.0
Vinyl chloride	ND	ug/Kg	69	270	1.0
Bromomethane	ND	ug/Kg	34	270	1.0
Chloroethane	ND *	ug/Kg	66	270	1.0
Trichlorofluoromethane	ND	ug/Kg	54	130	1.0
1,1-Dichloroethene	ND	ug/Kg	51	130	1.0
Acetone	ND *	ug/Kg	2500	13000	1.0
Methylene Chloride	ND	ug/Kg	80	270	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	46	130	1.0
Methyl tert-butyl ether	ND	ug/Kg	39	130	1.0
1,1-Dichloroethane	ND	ug/Kg	50	130	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	65	130	1.0
Methyl Ethyl Ketone	ND	ug/Kg	420	1100	1.0
Chlorobromomethane	ND	ug/Kg	24	130	1.0
Chloroform	ND	ug/Kg	24	130	1.0
1,1,1-Trichloroethane	ND	ug/Kg	54	130	1.0
1,1-Dichloropropene	ND	ug/Kg	55	130	1.0
Carbon tetrachloride	ND	ug/Kg	52	130	1.0
Benzene	ND	ug/Kg	36	130	1.0
1,2-Dichloroethane	ND	ug/Kg	22	130	1.0
Trichloroethene	ND	ug/Kg	58	130	1.0
1,2-Dichloropropane	ND	ug/Kg	26	130	1.0
Dibromomethane	ND	ug/Kg	25	130	1.0
Dichlorobromomethane	ND	ug/Kg	18	130	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	34	130	1.0
methyl isobutyl ketone	ND	ug/Kg	260	1100	1.0
Toluene	ND	ug/Kg	27	130	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	38	130	1.0
1,1,2-Trichloroethane	31 J	ug/Kg	16	130	1.0
Tetrachloroethene	3400	ug/Kg	71	130	1.0
1,3-Dichloropropane	ND	ug/Kg	29	130	1.0
2-Hexanone	ND	ug/Kg	270	1100	1.0
Chlorodibromomethane	ND	ug/Kg	29	130	1.0
Ethylene Dibromide	ND	ug/Kg	22	130	1.0
Chlorobenzene	ND	ug/Kg	33	130	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	40	130	1.0
Ethylbenzene	ND	ug/Kg	47	130	1.0
m-Xylene & p-Xylene	ND	ug/Kg	75	130	1.0
o-Xylene	ND	ug/Kg	38	130	1.0
Styrene	ND	ug/Kg	25	130	1.0
Bromoform	ND	ug/Kg	33	130	1.0
Isopropylbenzene	ND	ug/Kg	51	130	1.0
Bromobenzene	ND	ug/Kg	27	130	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-214 (48')**

**Lab Sample ID: 360-2783-4**

Date Sampled: 04/11/2006 1130  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0352		
1,1,2,2-Tetrachloroethane	ND	ug/Kg	46	130	1.0
1,2,3-Trichloropropane	ND	ug/Kg	73	130	1.0
N-Propylbenzene	ND	ug/Kg	46	130	1.0
2-Chlorotoluene	ND	ug/Kg	39	130	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	36	130	1.0
4-Chlorotoluene	ND	ug/Kg	29	130	1.0
tert-Butylbenzene	ND	ug/Kg	40	130	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	23	130	1.0
sec-Butylbenzene	ND	ug/Kg	44	130	1.0
1,3-Dichlorobenzene	ND	ug/Kg	14	130	1.0
4-Isopropyltoluene	ND	ug/Kg	42	130	1.0
1,4-Dichlorobenzene	ND	ug/Kg	25	130	1.0
n-Butylbenzene	ND	ug/Kg	54	130	1.0
1,2-Dichlorobenzene	ND	ug/Kg	24	130	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	58	130	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	39	130	1.0
Hexachlorobutadiene	ND	ug/Kg	57	130	1.0
Naphthalene	ND	ug/Kg	52	1300	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	50	130	1.0
2,2-Dichloropropane	ND	ug/Kg	69	130	1.0
<b>Surrogate</b>					
1,2-Dichloroethane-d4	88	%		70 - 130	
4-Bromofluorobenzene	95	%		70 - 130	
Dibromofluoromethane	94	%		70 - 130	
Toluene-d8	98	%		70 - 130	
<b>Acceptance Limits</b>					

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-214 (48')

Lab Sample ID: 360-2783-4

Date Sampled: 04/11/2006 1130  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: PercentMoisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	7.2	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-212 (38')**

**Lab Sample ID: 360-2783-5**

Date Sampled: 04/12/2006 1138  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0939		
Chloromethane	ND	ug/Kg	230	1300	5.0
Vinyl chloride	ND	ug/Kg	340	1300	5.0
Bromomethane	ND	ug/Kg	170	1300	5.0
Chloroethane	ND *	ug/Kg	330	1300	5.0
Trichlorofluoromethane	ND	ug/Kg	270	670	5.0
1,1-Dichloroethene	ND	ug/Kg	250	670	5.0
Acetone	ND *	ug/Kg	13000	67000	5.0
Methylene Chloride	ND	ug/Kg	400	1300	5.0
trans-1,2-Dichloroethene	ND	ug/Kg	230	670	5.0
Methyl tert-butyl ether	ND	ug/Kg	190	670	5.0
1,1-Dichloroethane	ND	ug/Kg	250	670	5.0
cis-1,2-Dichloroethene	ND	ug/Kg	320	670	5.0
Methyl Ethyl Ketone	ND	ug/Kg	2100	5400	5.0
Chlorobromomethane	ND	ug/Kg	120	670	5.0
Chloroform	ND	ug/Kg	120	670	5.0
1,1,1-Trichloroethane	ND	ug/Kg	270	670	5.0
1,1-Dichloropropene	ND	ug/Kg	270	670	5.0
Carbon tetrachloride	ND	ug/Kg	260	670	5.0
Benzene	ND	ug/Kg	180	670	5.0
1,2-Dichloroethane	ND	ug/Kg	110	670	5.0
Trichloroethene	ND	ug/Kg	290	670	5.0
1,2-Dichloropropane	ND	ug/Kg	130	670	5.0
Dibromomethane	ND	ug/Kg	120	670	5.0
Dichlorobromomethane	ND	ug/Kg	92	670	5.0
cis-1,3-Dichloropropene	ND	ug/Kg	170	670	5.0
methyl isobutyl ketone	ND	ug/Kg	1300	5400	5.0
Toluene	ND	ug/Kg	130	670	5.0
trans-1,3-Dichloropropene	ND	ug/Kg	190	670	5.0
1,1,2-Trichloroethane	ND	ug/Kg	81	670	5.0
Tetrachloroethene	50000	ug/Kg	360	670	5.0
1,3-Dichloropropane	ND	ug/Kg	150	670	5.0
2-Hexanone	ND	ug/Kg	1300	5400	5.0
Chlorodibromomethane	ND	ug/Kg	150	670	5.0
Ethylene Dibromide	ND	ug/Kg	110	670	5.0
Chlorobenzene	ND	ug/Kg	170	670	5.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	200	670	5.0
Ethylbenzene	ND	ug/Kg	240	670	5.0
m-Xylene & p-Xylene	ND	ug/Kg	380	670	5.0
o-Xylene	ND	ug/Kg	190	670	5.0
Styrene	ND	ug/Kg	120	670	5.0
Bromoform	ND	ug/Kg	170	670	5.0
Isopropylbenzene	ND	ug/Kg	250	670	5.0
Bromobenzene	ND	ug/Kg	130	670	5.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-212 (38')**

**Lab Sample ID: 360-2783-5**

Date Sampled: 04/12/2006 1138  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0939		
1,1,2,2-Tetrachloroethane	ND	ug/Kg	230	670	5.0
1,2,3-Trichloropropane	ND	ug/Kg	370	670	5.0
N-Propylbenzene	ND	ug/Kg	230	670	5.0
2-Chlorotoluene	ND	ug/Kg	190	670	5.0
1,3,5-Trimethylbenzene	ND	ug/Kg	180	670	5.0
4-Chlorotoluene	ND	ug/Kg	150	670	5.0
tert-Butylbenzene	ND	ug/Kg	200	670	5.0
1,2,4-Trimethylbenzene	ND	ug/Kg	110	670	5.0
sec-Butylbenzene	ND	ug/Kg	220	670	5.0
1,3-Dichlorobenzene	ND	ug/Kg	70	670	5.0
4-Isopropyltoluene	ND	ug/Kg	210	670	5.0
1,4-Dichlorobenzene	ND	ug/Kg	120	670	5.0
n-Butylbenzene	ND	ug/Kg	270	670	5.0
1,2-Dichlorobenzene	ND	ug/Kg	120	670	5.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	290	670	5.0
1,2,4-Trichlorobenzene	ND	ug/Kg	190	670	5.0
Hexachlorobutadiene	ND	ug/Kg	290	670	5.0
Naphthalene	ND	ug/Kg	260	6700	5.0
1,2,3-Trichlorobenzene	ND	ug/Kg	250	670	5.0
2,2-Dichloropropane	ND	ug/Kg	340	670	5.0
<b>Surrogate</b>					
1,2-Dichloroethane-d4	90	%		70 - 130	
4-Bromofluorobenzene	96	%		70 - 130	
Dibromofluoromethane	94	%		70 - 130	
Toluene-d8	99	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-212 (38')

Lab Sample ID: 360-2783-5

Date Sampled: 04/12/2006 1138  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: Percent Moisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	7.2	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-212 (32')**

**Lab Sample ID: 360-2783-6**

Date Sampled: 04/12/2006 1058  
 Date Received: 04/17/2006 1820  
 Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0447	
Chloromethane	ND	ug/Kg	47	280	1.0
Vinyl chloride	ND	ug/Kg	71	280	1.0
Bromomethane	46 J	ug/Kg	36	280	1.0
Chloroethane	ND *	ug/Kg	68	280	1.0
Trichlorofluoromethane	ND	ug/Kg	55	140	1.0
1,1-Dichloroethene	ND	ug/Kg	52	140	1.0
Acetone	ND *	ug/Kg	2600	14000	1.0
Methylene Chloride	ND	ug/Kg	82	280	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	48	140	1.0
Methyl tert-butyl ether	ND	ug/Kg	40	140	1.0
1,1-Dichloroethane	ND	ug/Kg	51	140	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	67	140	1.0
Methyl Ethyl Ketone	ND	ug/Kg	440	1100	1.0
Chlorobromomethane	ND	ug/Kg	24	140	1.0
Chloroform	ND	ug/Kg	24	140	1.0
1,1,1-Trichloroethane	ND	ug/Kg	55	140	1.0
1,1-Dichloropropene	ND	ug/Kg	57	140	1.0
Carbon tetrachloride	ND	ug/Kg	53	140	1.0
Benzene	ND	ug/Kg	37	140	1.0
1,2-Dichloroethane	ND	ug/Kg	22	140	1.0
Trichloroethene	ND	ug/Kg	60	140	1.0
1,2-Dichloropropane	ND	ug/Kg	27	140	1.0
Dibromomethane	ND	ug/Kg	26	140	1.0
Dichlorobromomethane	ND	ug/Kg	19	140	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	36	140	1.0
methyl isobutyl ketone	ND	ug/Kg	270	1100	1.0
Toluene	ND	ug/Kg	28	140	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	39	140	1.0
1,1,2-Trichloroethane	ND	ug/Kg	17	140	1.0
Tetrachloroethene	13000	ug/Kg	73	140	1.0
1,3-Dichloropropane	ND	ug/Kg	30	140	1.0
2-Hexanone	ND	ug/Kg	280	1100	1.0
Chlorodibromomethane	ND	ug/Kg	30	140	1.0
Ethylene Dibromide	ND	ug/Kg	22	140	1.0
Chlorobenzene	ND	ug/Kg	34	140	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	41	140	1.0
Ethylbenzene	ND	ug/Kg	49	140	1.0
m-Xylene & p-Xylene	ND	ug/Kg	78	140	1.0
o-Xylene	ND	ug/Kg	39	140	1.0
Styrene	ND	ug/Kg	26	140	1.0
Bromoform	ND	ug/Kg	34	140	1.0
Isopropylbenzene	ND	ug/Kg	52	140	1.0
Bromobenzene	ND	ug/Kg	28	140	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-212 (32')**

**Lab Sample ID: 360-2783-6**

Date Sampled: 04/12/2006 1058  
 Date Received: 04/17/2006 1820  
 Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0447		
1,1,2,2-Tetrachloroethane	ND	ug/Kg	48	140	1.0
1,2,3-Trichloropropane	ND	ug/Kg	75	140	1.0
N-Propylbenzene	ND	ug/Kg	48	140	1.0
2-Chlorotoluene	ND	ug/Kg	40	140	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	37	140	1.0
4-Chlorotoluene	ND	ug/Kg	30	140	1.0
tert-Butylbenzene	ND	ug/Kg	41	140	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	23	140	1.0
sec-Butylbenzene	ND	ug/Kg	46	140	1.0
1,3-Dichlorobenzene	ND	ug/Kg	14	140	1.0
4-Isopropyltoluene	ND	ug/Kg	43	140	1.0
1,4-Dichlorobenzene	ND	ug/Kg	26	140	1.0
n-Butylbenzene	ND	ug/Kg	55	140	1.0
1,2-Dichlorobenzene	ND	ug/Kg	24	140	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	60	140	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	40	140	1.0
Hexachlorobutadiene	ND	ug/Kg	59	140	1.0
Naphthalene	ND	ug/Kg	53	1400	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	51	140	1.0
2,2-Dichloropropane	ND	ug/Kg	71	140	1.0
<hr/>					
<b>Surrogate</b>			<b>Acceptance Limits</b>		
1,2-Dichloroethane-d4	89	%	70 - 130		
4-Bromofluorobenzene	95	%	70 - 130		
Dibromofluoromethane	96	%	70 - 130		
Toluene-d8	98	%	70 - 130		

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-212 (32')

Lab Sample ID: 360-2783-6

Date Sampled: 04/12/2006 1058  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: PercentMoisture	Date Prepared:				
Percent Moisture	9.9	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-213 (38')**

**Lab Sample ID: 360-2783-7**

Date Sampled: 04/13/2006 1000  
 Date Received: 04/17/2006 1820  
 Percent Solids: 85

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:				
Chloromethane	ND	ug/Kg	49	290	1.0
Vinyl chloride	ND	ug/Kg	75	290	1.0
Bromomethane	ND	ug/Kg	38	290	1.0
Chloroethane	ND *	ug/Kg	72	290	1.0
Trichlorofluoromethane	ND	ug/Kg	59	150	1.0
1,1-Dichloroethene	ND	ug/Kg	55	150	1.0
Acetone	ND *	ug/Kg	2700	15000	1.0
Methylene Chloride	ND	ug/Kg	87	290	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	51	150	1.0
Methyl tert-butyl ether	ND	ug/Kg	42	150	1.0
1,1-Dichloroethane	ND	ug/Kg	54	150	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	71	150	1.0
Methyl Ethyl Ketone	ND	ug/Kg	460	1200	1.0
Chlorobromomethane	ND	ug/Kg	26	150	1.0
Chloroform	ND	ug/Kg	26	150	1.0
1,1,1-Trichloroethane	ND	ug/Kg	59	150	1.0
1,1-Dichloropropene	69 J	ug/Kg	60	150	1.0
Carbon tetrachloride	ND	ug/Kg	57	150	1.0
Benzene	ND	ug/Kg	39	150	1.0
1,2-Dichloroethane	ND	ug/Kg	24	150	1.0
Trichloroethene	ND	ug/Kg	64	150	1.0
1,2-Dichloropropane	ND	ug/Kg	28	150	1.0
Dibromomethane	ND	ug/Kg	27	150	1.0
Dichlorobromomethane	ND	ug/Kg	20	150	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	38	150	1.0
methyl isobutyl ketone	ND	ug/Kg	280	1200	1.0
Toluene	ND	ug/Kg	29	150	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	41	150	1.0
1,1,2-Trichloroethane	ND	ug/Kg	18	150	1.0
Tetrachloroethene	12000	ug/Kg	78	150	1.0
1,3-Dichloropropane	ND	ug/Kg	32	150	1.0
2-Hexanone	ND	ug/Kg	290	1200	1.0
Chlorodibromomethane	ND	ug/Kg	32	150	1.0
Ethylene Dibromide	ND	ug/Kg	24	150	1.0
Chlorobenzene	ND	ug/Kg	37	150	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	44	150	1.0
Ethylbenzene	ND	ug/Kg	52	150	1.0
m-Xylene & p-Xylene	ND	ug/Kg	82	150	1.0
o-Xylene	ND	ug/Kg	41	150	1.0
Styrene	ND	ug/Kg	27	150	1.0
Bromoform	ND	ug/Kg	37	150	1.0
Isopropylbenzene	ND	ug/Kg	55	150	1.0
Bromobenzene	ND	ug/Kg	29	150	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-213 (38')**

**Lab Sample ID: 360-2783-7**

Date Sampled: 04/13/2006 1000  
 Date Received: 04/17/2006 1820  
 Percent Solids: 85

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0515	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	51	150	1.0
1,2,3-Trichloropropane	ND	ug/Kg	80	150	1.0
N-Propylbenzene	ND	ug/Kg	51	150	1.0
2-Chlorotoluene	ND	ug/Kg	42	150	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	39	150	1.0
4-Chlorotoluene	ND	ug/Kg	32	150	1.0
tert-Butylbenzene	ND	ug/Kg	44	150	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	25	150	1.0
sec-Butylbenzene	ND	ug/Kg	48	150	1.0
1,3-Dichlorobenzene	ND	ug/Kg	15	150	1.0
4-Isopropyltoluene	ND	ug/Kg	46	150	1.0
1,4-Dichlorobenzene	ND	ug/Kg	27	150	1.0
n-Butylbenzene	ND	ug/Kg	59	150	1.0
1,2-Dichlorobenzene	ND	ug/Kg	26	150	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	64	150	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	42	150	1.0
Hexachlorobutadiene	ND	ug/Kg	62	150	1.0
Naphthalene	ND	ug/Kg	57	1500	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	54	150	1.0
2,2-Dichloropropane	ND	ug/Kg	75	150	1.0
<hr/>					
<b>Surrogate</b>				<b>Acceptance Limits</b>	
1,2-Dichloroethane-d4	91	%		70 - 130	
4-Bromo fluorobenzene	97	%		70 - 130	
Dibromo fluromethane	96	%		70 - 130	
Toluene-d8	98	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-213 (38')**

**Lab Sample ID: 360-2783-7**

Date Sampled: 04/13/2006 1000  
Date Received: 04/17/2006 1820

<b>Analyte</b>	<b>Result/Qualifier</b>	<b>Unit</b>	<b>RL</b>	<b>RL</b>	<b>Dilution</b>
<b>Method: PercentMoisture</b>	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	15	%	1.0	1.0	1.0

## DATA REPORTING QUALIFIERS

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>				
<b>Analysis Batch:360-5415</b>				
LCS 360-5415/1	Lab Control Spike	Solid	8260B	
LCSD 360-5415/2	Lab Control Spike Duplicate	Solid	8260B	
MB 360-5415/3	Method Blank	Solid	8260B	
360-2783-1	SB-211 (36')	Solid	8260B	
360-2783-2	SB-211 (45')	Solid	8260B	
360-2783-3	SB-214 (28')	Solid	8260B	
360-2783-4	SB-214 (48')	Solid	8260B	
360-2783-5	SB-212 (38')	Solid	8260B	
360-2783-6	SB-212 (32')	Solid	8260B	
360-2783-7	SB-213 (38')	Solid	8260B	
<b>General Chemistry</b>				
<b>Analysis Batch:360-5532</b>				
360-2783-1	SB-211 (36')	Solid	PercentMoisture	
360-2783-2	SB-211 (45')	Solid	PercentMoisture	
360-2783-3	SB-214 (28')	Solid	PercentMoisture	
360-2783-4	SB-214 (48')	Solid	PercentMoisture	
360-2783-5	SB-212 (38')	Solid	PercentMoisture	
360-2783-6	SB-212 (32')	Solid	PercentMoisture	
360-2783-7	SB-213 (38')	Solid	PercentMoisture	

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Method Blank - Batch: 360-5415

Method: 8260B  
Preparation: N/A

Lab Sample ID: MB 360-5415/3

Analysis Batch: 360-5415

Instrument ID: HP 5890/5972 GC/MS

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: V33293.D

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 0.1 mL

Date Analyzed: 04/21/2006 0135

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Chloromethane	ND		42	250
Vinyl chloride	ND		64	250
Bromomethane	ND		32	250
Chloroethane	ND		61	250
Trichlorofluoromethane	ND		50	130
1,1-Dichloroethene	ND		47	130
Acetone	ND		2300	13000
Methylene Chloride	ND		74	250
trans-1,2-Dichloroethene	ND		43	130
Methyl tert-butyl ether	ND		36	130
1,1-Dichloroethane	ND		46	130
cis-1,2-Dichloroethene	ND		60	130
Methyl Ethyl Ketone	ND		390	1000
Chlorobromomethane	ND		22	130
Chloroform	ND		22	130
1,1,1-Trichloroethane	ND		50	130
1,1-Dichloropropene	ND		51	130
Carbon tetrachloride	ND		48	130
Benzene	ND		33	130
1,2-Dichloroethane	ND		20	130
Trichloroethene	ND		54	130
1,2-Dichloropropane	ND		24	130
Dibromomethane	ND		23	130
Dichlorobromomethane	ND		17	130
cis-1,3-Dichloropropene	ND		32	130
methyl isobutyl ketone	ND		240	1000
Toluene	ND		25	130
trans-1,3-Dichloropropene	ND		35	130
1,1,2-Trichloroethane	ND		15	130
Tetrachloroethene	ND		66	130
1,3-Dichloropropane	ND		27	130
2-Hexanone	ND		250	1000
Chlorodibromomethane	ND		27	130
Ethylene Dibromide	ND		20	130
Chlorobenzene	ND		31	130
1,1,1,2-Tetrachloroethane	ND		37	130
Ethylbenzene	ND		44	130
m-Xylene & p-Xylene	ND		70	130
o-Xylene	ND		35	130
Styrene	ND		23	130
Bromoform	ND		31	130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Method Blank - Batch: 360-5415

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 360-5415/3  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 04/21/2006 0135  
Date Prepared: N/A

Analysis Batch: 360-5415  
Prep Batch: N/A  
Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
Lab File ID: V33293.D  
Initial Weight/Volume: 0.1 mL  
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		47	130
Bromobenzene	ND		25	130
1,1,2,2-Tetrachloroethane	ND		43	130
1,2,3-Trichloropropane	ND		68	130
N-Propylbenzene	ND		43	130
2-Chlorotoluene	ND		36	130
1,3,5-Trimethylbenzene	ND		33	130
4-Chlorotoluene	ND		27	130
tert-Butylbenzene	ND		37	130
1,2,4-Trimethylbenzene	ND		21	130
sec-Butylbenzene	ND		41	130
1,3-Dichlorobenzene	ND		13	130
4-Isopropyltoluene	ND		39	130
1,4-Dichlorobenzene	ND		23	130
n-Butylbenzene	ND		50	130
1,2-Dichlorobenzene	ND		22	130
1,2-Dibromo-3-Chloropropane	ND		54	130
1,2,4-Trichlorobenzene	ND		36	130
Hexachlorobutadiene	ND		53	130
Naphthalene	ND		48	1300
1,2,3-Trichlorobenzene	ND		46	130
2,2-Dichloropropane	ND		64	130
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4	95		70 - 130	
4-Bromofluorobenzene	96		70 - 130	
Dibromofluoromethane	101		70 - 130	
Toluene-d8	98		70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5415

**Method: 8260B**  
**Preparation: N/A**

LCS Lab Sample ID: LCS 360-5415/1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0013  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33290.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5415/2  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0041  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33291.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	104	103	70 - 130	1	25	*	*
Vinyl chloride	101	99	70 - 130	2	25	*	*
Bromomethane	75	71	70 - 130	6	25	*	*
Chloroethane	17	17	70 - 130	1	25	*	*
Trichlorofluoromethane	71	73	70 - 130	2	25	*	*
1,1-Dichloroethene	98	96	70 - 130	2	25	*	*
Acetone	64	66	70 - 130	3	25	*	*
Methylene Chloride	96	95	70 - 130	1	25	*	*
trans-1,2-Dichloroethene	96	94	70 - 130	3	25	*	*
Methyl tert-butyl ether	77	78	70 - 130	2	25	*	*
1,1-Dichloroethane	101	99	70 - 130	2	25	*	*
cis-1,2-Dichloroethene	99	98	70 - 130	2	25	*	*
Methyl Ethyl Ketone	77	79	70 - 130	2	25	*	*
Chlorobromomethane	92	92	70 - 130	0	25	*	*
Chloroform	96	93	70 - 130	3	25	*	*
1,1,1-Trichloroethane	94	91	70 - 130	2	25	*	*
1,1-Dichloropropene	96	94	70 - 130	2	25	*	*
Carbon tetrachloride	92	90	70 - 130	2	25	*	*
Benzene	98	96	70 - 130	3	25	*	*
1,2-Dichloroethane	88	88	70 - 130	0	25	*	*
Trichloroethene	94	93	70 - 130	1	25	*	*
1,2-Dichloropropane	97	96	70 - 130	1	25	*	*
Dibromomethane	91	92	70 - 130	1	25	*	*
Dichlorobromomethane	86	85	70 - 130	1	25	*	*
cis-1,3-Dichloropropene	88	87	70 - 130	0	25	*	*
methyl isobutyl ketone	89	91	70 - 130	2	25	*	*
Toluene	97	96	70 - 130	2	25	*	*
trans-1,3-Dichloropropene	90	89	70 - 130	1	25	*	*
1,1,2-Trichloroethane	90	92	70 - 130	1	25	*	*
Tetrachloroethene	97	96	70 - 130	1	25	*	*
1,3-Dichloropropane	92	93	70 - 130	1	25	*	*
2-Hexanone	84	86	70 - 130	2	25	*	*

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5415

**Method: 8260B**

**Preparation: N/A**

LCS Lab Sample ID: LCS 360-5415/1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0013  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33290.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5415/2  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0041  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33291.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chlorodibromomethane	89	91	70 - 130	2	25		
Ethylene Dibromide	92	93	70 - 130	1	25		
Chlorobenzene	103	101	70 - 130	2	25		
1,1,1,2-Tetrachloroethane	96	94	70 - 130	2	25		
Ethylbenzene	103	100	70 - 130	3	25		
m-Xylene & p-Xylene	103	101	70 - 130	2	25		
o-Xylene	101	99	70 - 130	2	25		
Styrene	101	99	70 - 130	1	25		
Bromoform	102	103	70 - 130	1	25		
Isopropylbenzene	110	107	70 - 130	3	25		
Bromobenzene	97	96	70 - 130	1	25		
1,1,2,2-Tetrachloroethane	102	103	70 - 130	1	25		
1,2,3-Trichloropropane	93	93	70 - 130	1	25		
N-Propylbenzene	104	102	70 - 130	2	25		
2-Chlorotoluene	100	98	70 - 130	2	25		
1,3,5-Trimethylbenzene	100	97	70 - 130	3	25		
4-Chlorotoluene	101	98	70 - 130	3	25		
tert-Butylbenzene	102	99	70 - 130	2	25		
1,2,4-Trimethylbenzene	97	95	70 - 130	2	25		
sec-Butylbenzene	102	99	70 - 130	3	25		
1,3-Dichlorobenzene	97	96	70 - 130	1	25		
4-Isopropyltoluene	102	100	70 - 130	2	25		
1,4-Dichlorobenzene	105	104	70 - 130	2	25		
n-Butylbenzene	108	106	70 - 130	2	25		
1,2-Dichlorobenzene	103	102	70 - 130	0	25		
1,2-Dibromo-3-Chloropropane	90	91	70 - 130	1	25		
1,2,4-Trichlorobenzene	101	100	70 - 130	1	25		
Hexachlorobutadiene	114	115	70 - 130	0	25		
Naphthalene	97	100	70 - 130	4	25		
1,2,3-Trichlorobenzene	108	109	70 - 130	2	25		
2,2-Dichloropropane	86	83	70 - 130	4	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4	89	89	70 - 130
4-Bromofluorobenzene	98	97	70 - 130
Dibromofluoromethane	95	95	70 - 130
Toluene-d8	98	98	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

**Login Number: 2783**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

**Severn Trent Laboratories, Inc.**  
**Chain of Custody Form**

**SEVERN**  
**TRENT**

Client:	Show Et 1		
Address:	3 Riverside Drive		
Phone:	978-691-2100 Fax: 978-691-2101		
Requested Turnaround Time (PLEASE SPECIFY)			
STANDARD	<input checked="" type="checkbox"/>	RUSH	(Lab Approval Required)
Sample Type Codes	WW-Wastewater LW-Lab water SS-Solid / Soil	DW-Drinking water GW-Groundwater SL-Sludge	SW-Surface water A-Air O-Oil Z-Other
Contact	Project Manager	Work ID:	Date
Regulatory Classification	NPDES RCRA Other	DR MCR Other	

STLWESTFIELD

Page \_\_\_\_\_ of \_\_\_\_\_

White = Lab file    Yellow = Report copy    Pink = Customer copy  
STL-8245 (1000)

Pink = Customer copy  
STL-8245 (1000)

## ANALYTICAL REPORT

Job Number: 360-2899-1

Job Description: Textron 101960

For:  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Attention: Edward Van Doren

*Joseph A. Chimi Jr.*

---

Joe Chimi  
Report Production Representative  
[jchimi@stl-inc.com](mailto:jchimi@stl-inc.com)  
05/12/2006

Project Manager: Becky Mason

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. STL Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL/E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

## METHOD SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-WES	SW846 8260B	
Purge-and-Trap	STL-WES		SW846 5030B
Chloride	STL-WES	EPA-04 300.0	
Chemical Oxygen Demand (Colorimetric, Automated; Manual)	STL-WES	MCAWW 410.4	

### LAB REFERENCES:

STL-WES = STL-Westfield

### METHOD REFERENCES:

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

Method	Analyst	Analyst ID
SW846 8260B	Popadic, Craig M	CMP
EPA-04 300.0	Emerich, Rich	RE
MCAWW 410.4	Boles, Amber R	ARB

## SAMPLE SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-2899-1	MW-210	Water	04/20/2006 1225	04/21/2006 1725
360-2899-2	MW-211	Water	04/20/2006 1105	04/21/2006 1725
360-2899-3	MW-212	Water	04/20/2006 1210	04/21/2006 1725
360-2899-4	MW-213	Water	04/20/2006 1130	04/21/2006 1725
360-2899-5	MW-214	Water	04/20/2006 1020	04/21/2006 1725
360-2899-6	MW-215	Water	04/20/2006 1035	04/21/2006 1725
360-2899-7TB	Trip B	Water	03/23/2006 0330	04/21/2006 1725

## **SAMPLE RESULTS**

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-210

Lab Sample ID: 360-2899-1

Date Sampled: 04/20/2006 1225  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>			Date Prepared: 05/01/2006 1542	Date Analyzed: 05/01/2006 1542	
Chloromethane	ND	ug/L	250	1000	500
Vinyl chloride	ND	ug/L	110	500	500
Bromomethane	ND	ug/L	500	1000	500
Chloroethane	ND *	ug/L	110	1000	500
Trichlorofluoromethane	ND	ug/L	130	500	500
1,1-Dichloroethene	ND	ug/L	100	500	500
Acetone	ND *	ug/L	1900	25000	500
Methylene Chloride	520 J	ug/L	250	1000	500
trans-1,2-Dichloroethene	ND	ug/L	110	500	500
Methyl tert-butyl ether	ND *	ug/L	150	500	500
1,1-Dichloroethane	ND	ug/L	90	500	500
cis-1,2-Dichloroethene	ND	ug/L	190	500	500
Methyl Ethyl Ketone	ND	ug/L	950	5000	500
Chlorobromomethane	ND	ug/L	58	500	500
Chloroform	ND	ug/L	75	500	500
1,1,1-Trichloroethane	ND	ug/L	130	500	500
1,1-Dichloropropene	ND	ug/L	110	500	500
Carbon tetrachloride	ND	ug/L	120	500	500
Benzene	ND	ug/L	72	500	500
1,2-Dichloroethane	ND	ug/L	42	500	500
Trichloroethene	410 J	ug/L	94	500	500
1,2-Dichloropropane	ND	ug/L	85	500	500
Dibromomethane	ND	ug/L	53	500	500
Dichlorobromomethane	ND	ug/L	98	500	500
cis-1,3-Dichloropropene	ND	ug/L	250	250	500
methyl isobutyl ketone	ND	ug/L	510	5000	500
Toluene	ND	ug/L	250	500	500
trans-1,3-Dichloropropene	ND	ug/L	250	250	500
1,1,2-Trichloroethane	ND	ug/L	35	500	500
Tetrachloroethene	13000	ug/L	70	500	500
1,3-Dichloropropane	ND	ug/L	36	500	500
2-Hexanone	ND	ug/L	1000	5000	500
Chlorodibromomethane	ND	ug/L	44	500	500
Ethylene Dibromide	ND	ug/L	46	500	500
Chlorobenzene	ND	ug/L	74	500	500
1,1,1,2-Tetrachloroethane	ND	ug/L	500	500	500
Ethylbenzene	ND	ug/L	90	500	500
m-Xylene & p-Xylene	ND	ug/L	190	1000	500
o-Xylene	ND	ug/L	76	500	500
Styrene	ND	ug/L	69	500	500
Bromoform	ND	ug/L	65	500	500
Isopropylbenzene	ND	ug/L	250	500	500
Bromobenzene	ND	ug/L	40	500	500

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

**Client Sample ID:** MW-210

**Lab Sample ID:** 360-2899-1

Date Sampled: 04/20/2006 1225  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared: 05/01/2006 1542		Date Analyzed: 05/01/2006 1542		
1,1,2,2-Tetrachloroethane	ND	ug/L	110	500	500
1,2,3-Trichloropropane	ND	ug/L	65	500	500
N-Propylbenzene	ND	ug/L	99	500	500
2-Chlorotoluene	ND	ug/L	78	500	500
1,3,5-Trimethylbenzene	ND	ug/L	78	500	500
4-Chlorotoluene	ND	ug/L	79	500	500
tert-Butylbenzene	ND	ug/L	98	500	500
1,2,4-Trimethylbenzene	ND	ug/L	83	500	500
sec-Butylbenzene	ND	ug/L	92	500	500
1,3-Dichlorobenzene	ND	ug/L	60	500	500
4-Isopropyltoluene	ND	ug/L	96	500	500
1,4-Dichlorobenzene	ND	ug/L	81	500	500
n-Butylbenzene	ND	ug/L	81	500	500
1,2-Dichlorobenzene	ND	ug/L	41	500	500
1,2-Dibromo-3-Chloropropane	ND	ug/L	150	2500	500
1,2,4-Trichlorobenzene	ND	ug/L	97	500	500
Hexachlorobutadiene	ND	ug/L	170	500	500
Naphthalene	ND	ug/L	95	2500	500
1,2,3-Trichlorobenzene	ND	ug/L	150	500	500
2,2-Dichloropropane	ND	ug/L	120	500	500
Surrogate					
1,2-Dichloroethane-d4	94	%	Acceptance Limits		
4-Bromofluorobenzene	97	%	70 - 130		
Dibromofluoromethane	99	%	70 - 130		
Toluene-d8	100	%	70 - 130		
<b>Method:</b> 300.0	Date Prepared:		Date Analyzed: 05/11/2006 1100		
Chloride	130	mg/L	0.93	10	10

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

**Client Sample ID:** MW-210

**Lab Sample ID:** 360-2899-1

Date Sampled: 04/20/2006 1225  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method: 410.4</b>	Date Prepared:				
<b>Chemical Oxygen Demand</b>	ND	mg/L	20	20	1.0
			Date Analyzed: 05/01/2006	2007	

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-211

Lab Sample ID: 360-2899-2

Date Sampled: 04/20/2006 1105  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B					
Chloromethane	ND	ug/L	250	1000	500
Vinyl chloride	ND	ug/L	110	500	500
Bromomethane	ND	ug/L	500	1000	500
Chloroethane	ND *	ug/L	110	1000	500
Trichlorofluoromethane	ND	ug/L	130	500	500
1,1-Dichloroethene	ND	ug/L	100	500	500
Acetone	ND *	ug/L	1900	25000	500
Methylene Chloride	ND	ug/L	250	1000	500
trans-1,2-Dichloroethene	ND	ug/L	110	500	500
Methyl tert-butyl ether	ND *	ug/L	150	500	500
1,1-Dichloroethane	ND	ug/L	90	500	500
cis-1,2-Dichloroethene	ND	ug/L	190	500	500
Methyl Ethyl Ketone	ND	ug/L	950	5000	500
Chlorobromomethane	ND	ug/L	58	500	500
Chloroform	ND	ug/L	75	500	500
1,1,1-Trichloroethane	ND	ug/L	130	500	500
1,1-Dichloropropene	ND	ug/L	110	500	500
Carbon tetrachloride	ND	ug/L	120	500	500
Benzene	ND	ug/L	72	500	500
1,2-Dichloroethane	ND	ug/L	42	500	500
Trichloroethene	ND	ug/L	94	500	500
1,2-Dichloropropane	ND	ug/L	85	500	500
Dibromomethane	ND	ug/L	53	500	500
Dichlorobromomethane	ND	ug/L	98	500	500
cis-1,3-Dichloropropene	ND	ug/L	250	250	500
methyl isobutyl ketone	ND	ug/L	510	5000	500
Toluene	ND	ug/L	250	500	500
trans-1,3-Dichloropropene	ND	ug/L	250	250	500
1,1,2-Trichloroethane	ND	ug/L	35	500	500
Tetrachloroethene	33000	ug/L	70	500	500
1,3-Dichloropropane	ND	ug/L	36	500	500
2-Hexanone	ND	ug/L	1000	5000	500
Chlorodibromomethane	ND	ug/L	44	500	500
Ethylene Dibromide	ND	ug/L	46	500	500
Chlorobenzene	ND	ug/L	74	500	500
1,1,1,2-Tetrachloroethane	ND	ug/L	500	500	500
Ethylbenzene	ND	ug/L	90	500	500
m-Xylene & p-Xylene	ND	ug/L	190	1000	500
o-Xylene	ND	ug/L	76	500	500
Styrene	ND	ug/L	69	500	500
Bromoform	ND	ug/L	65	500	500
Isopropylbenzene	ND	ug/L	250	500	500
Bromobenzene	ND	ug/L	40	500	500

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

**Client Sample ID:** MW-211

**Lab Sample ID:** 360-2899-2

Date Sampled: 04/20/2006 1105  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared: 05/01/2006 2004		Date Analyzed: 05/01/2006 2004		
1,1,2,2-Tetrachloroethane	ND	ug/L	110	500	500
1,2,3-Trichloropropane	ND	ug/L	65	500	500
N-Propylbenzene	ND	ug/L	99	500	500
2-Chlorotoluene	ND	ug/L	78	500	500
1,3,5-Trimethylbenzene	ND	ug/L	78	500	500
4-Chlorotoluene	ND	ug/L	79	500	500
tert-Butylbenzene	ND	ug/L	98	500	500
1,2,4-Trimethylbenzene	ND	ug/L	83	500	500
sec-Butylbenzene	ND	ug/L	92	500	500
1,3-Dichlorobenzene	ND	ug/L	60	500	500
4-Isopropyltoluene	ND	ug/L	96	500	500
1,4-Dichlorobenzene	ND	ug/L	81	500	500
n-Butylbenzene	ND	ug/L	81	500	500
1,2-Dichlorobenzene	ND	ug/L	41	500	500
1,2-Dibromo-3-Chloropropane	ND	ug/L	150	2500	500
1,2,4-Trichlorobenzene	ND	ug/L	97	500	500
Hexachlorobutadiene	ND	ug/L	170	500	500
Naphthalene	ND	ug/L	95	2500	500
1,2,3-Trichlorobenzene	ND	ug/L	150	500	500
2,2-Dichloropropane	ND	ug/L	120	500	500
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4	96	%		70 - 130	
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	99	%		70 - 130	
Toluene-d8	101	%		70 - 130	
<b>Method:</b> 300.0	Date Prepared:		Date Analyzed: 05/11/2006 1100		
Chloride	280	mg/L	0.93	10	10

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-211

Lab Sample ID: 360-2899-2

Date Sampled: 04/20/2006 1105  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 410.4	Date Prepared:				Date Analyzed: 05/01/2006 1954
Chemical Oxygen Demand	ND	mg/L	20	20	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-212

Lab Sample ID: 360-2899-3

Date Sampled: 04/20/2006 1210  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared: 05/01/2006 1635			Date Analyzed: 05/01/2006 1635	
Chloromethane	ND	ug/L	10	40	20
Vinyl chloride	ND	ug/L	4.5	20	20
Bromomethane	ND	ug/L	20	40	20
Chloroethane	ND *	ug/L	4.4	40	20
Trichlorofluoromethane	ND	ug/L	5.1	20	20
1,1-Dichloroethene	ND	ug/L	4.0	20	20
Acetone	ND *	ug/L	76	1000	20
Methylene Chloride	ND	ug/L	10	40	20
trans-1,2-Dichloroethene	ND	ug/L	4.3	20	20
Methyl tert-butyl ether	ND *	ug/L	5.9	20	20
1,1-Dichloroethane	ND	ug/L	3.6	20	20
cis-1,2-Dichloroethene	ND	ug/L	7.7	20	20
Methyl Ethyl Ketone	ND	ug/L	38	200	20
Chlorobromomethane	ND	ug/L	2.3	20	20
Chloroform	ND	ug/L	3.0	20	20
1,1,1-Trichloroethane	ND	ug/L	5.2	20	20
1,1-Dichloropropene	ND	ug/L	4.4	20	20
Carbon tetrachloride	ND	ug/L	4.7	20	20
Benzene	ND	ug/L	2.9	20	20
1,2-Dichloroethane	ND	ug/L	1.7	20	20
Trichloroethene	ND	ug/L	3.8	20	20
1,2-Dichloropropane	ND	ug/L	3.4	20	20
Dibromomethane	ND	ug/L	2.1	20	20
Dichlorobromomethane	ND	ug/L	3.9	20	20
cis-1,3-Dichloropropene	ND	ug/L	10	10	20
methyl isobutyl ketone	ND	ug/L	20	200	20
Toluene	ND	ug/L	10	20	20
trans-1,3-Dichloropropene	ND	ug/L	10	10	20
1,1,2-Trichloroethane	ND	ug/L	1.4	20	20
Tetrachloroethene	850	ug/L	2.8	20	20
1,3-Dichloropropane	ND	ug/L	1.4	20	20
2-Hexanone	ND	ug/L	42	200	20
Chlorodibromomethane	ND	ug/L	1.7	20	20
Ethylene Dibromide	ND	ug/L	1.8	20	20
Chlorobenzene	ND	ug/L	2.9	20	20
1,1,1,2-Tetrachloroethane	ND	ug/L	20	20	20
Ethylbenzene	ND	ug/L	3.6	20	20
m-Xylene & p-Xylene	ND	ug/L	7.7	40	20
o-Xylene	ND	ug/L	3.0	20	20
Styrene	ND	ug/L	2.8	20	20
Bromoform	ND	ug/L	2.6	20	20
Isopropylbenzene	ND	ug/L	10	20	20
Bromobenzene	ND	ug/L	1.6	20	20

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc.  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-212

Lab Sample ID: 360-2899-3

Date Sampled: 04/20/2006 1210  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared: 05/01/2006 1635		Date Analyzed: 05/01/2006 1635		
1,1,2,2-Tetrachloroethane	ND	ug/L	4.5	20	20
1,2,3-Trichloropropane	ND	ug/L	2.6	20	20
N-Propylbenzene	ND	ug/L	4.0	20	20
2-Chlorotoluene	ND	ug/L	3.1	20	20
1,3,5-Trimethylbenzene	ND	ug/L	3.1	20	20
4-Chlorotoluene	ND	ug/L	3.2	20	20
tert-Butylbenzene	ND	ug/L	3.9	20	20
1,2,4-Trimethylbenzene	ND	ug/L	3.3	20	20
sec-Butylbenzene	ND	ug/L	3.7	20	20
1,3-Dichlorobenzene	ND	ug/L	2.4	20	20
4-Isopropyltoluene	ND	ug/L	3.8	20	20
1,4-Dichlorobenzene	ND	ug/L	3.2	20	20
n-Butylbenzene	ND	ug/L	3.2	20	20
1,2-Dichlorobenzene	ND	ug/L	1.6	20	20
1,2-Dibromo-3-Chloropropane	ND	ug/L	5.9	100	20
1,2,4-Trichlorobenzene	ND	ug/L	3.9	20	20
Hexachlorobutadiene	ND	ug/L	6.9	20	20
Naphthalene	ND	ug/L	3.8	100	20
1,2,3-Trichlorobenzene	ND	ug/L	5.9	20	20
2,2-Dichloropropane	ND	ug/L	4.9	20	20
Surrogate			Acceptance Limits		
1,2-Dichloroethane-d4	96	%	70 - 130		
4-Bromofluorobenzene	97	%	70 - 130		
Dibromofluoromethane	99	%	70 - 130		
Toluene-d8	99	%	70 - 130		
<b>Method: 300.0</b>	Date Prepared:		Date Analyzed: 05/11/2006 1100		
Chloride	150	mg/L	0.93	10	10

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-212

Lab Sample ID: 360-2899-3

Date Sampled: 04/20/2006 1210  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 410.4	Date Prepared:			Date Analyzed: 05/01/2006 1954	
Chemical Oxygen Demand	ND	mg/L	20	20	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-213

Lab Sample ID: 360-2899-4

Date Sampled: 04/20/2006 1130  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Prepared: 05/01/2006 1658		Date Analyzed: 05/01/2006 1658		
Chloromethane	ND	ug/L	100	400	200
Vinyl chloride	ND	ug/L	45	200	200
Bromomethane	ND	ug/L	200	400	200
Chloroethane	ND	ug/L	44	400	200
Trichlorofluoromethane	ND	ug/L	51	200	200
1,1-Dichloroethene	ND	ug/L	40	200	200
Acetone	ND	ug/L	760	10000	200
Methylene Chloride	ND	ug/L	100	400	200
trans-1,2-Dichloroethene	ND	ug/L	43	200	200
Methyl tert-butyl ether	ND	ug/L	59	200	200
1,1-Dichloroethane	ND	ug/L	36	200	200
cis-1,2-Dichloroethene	ND	ug/L	77	200	200
Methyl Ethyl Ketone	ND	ug/L	380	2000	200
Chlorobromomethane	ND	ug/L	23	200	200
Chloroform	ND	ug/L	30	200	200
1,1,1-Trichloroethane	ND	ug/L	52	200	200
1,1-Dichloropropene	ND	ug/L	44	200	200
Carbon tetrachloride	ND	ug/L	47	200	200
Benzene	ND	ug/L	29	200	200
1,2-Dichloroethane	ND	ug/L	17	200	200
Trichloroethene	190	ug/L	38	200	200
1,2-Dichloropropane	ND	ug/L	34	200	200
Dibromomethane	ND	ug/L	21	200	200
Dichlorobromomethane	ND	ug/L	39	200	200
cis-1,3-Dichloropropene	ND	ug/L	100	100	200
methyl isobutyl ketone	ND	ug/L	200	2000	200
Toluene	ND	ug/L	100	200	200
trans-1,3-Dichloropropene	ND	ug/L	100	100	200
1,1,2-Trichloroethane	ND	ug/L	14	200	200
Tetrachloroethene	4900	ug/L	28	200	200
1,3-Dichloropropane	ND	ug/L	14	200	200
2-Hexanone	ND	ug/L	420	2000	200
Chlorodibromomethane	ND	ug/L	17	200	200
Ethylene Dibromide	ND	ug/L	18	200	200
Chlorobenzene	ND	ug/L	29	200	200
1,1,1,2-Tetrachloroethane	ND	ug/L	200	200	200
Ethylbenzene	ND	ug/L	36	200	200
m-Xylene & p-Xylene	ND	ug/L	77	400	200
o-Xylene	ND	ug/L	30	200	200
Styrene	ND	ug/L	28	200	200
Bromoform	ND	ug/L	26	200	200
Isopropylbenzene	ND	ug/L	100	200	200
Bromobenzene	ND	ug/L	16	200	200

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-213

Lab Sample ID: 360-2899-4

Date Sampled: 04/20/2006 1130  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared: 05/01/2006 1658			Date Analyzed: 05/01/2006 1658	
1,1,2,2-Tetrachloroethane	ND	ug/L	45	200	200
1,2,3-Trichloropropane	ND	ug/L	26	200	200
N-Propylbenzene	ND	ug/L	40	200	200
2-Chlorotoluene	ND	ug/L	31	200	200
1,3,5-Trimethylbenzene	ND	ug/L	31	200	200
4-Chlorotoluene	ND	ug/L	32	200	200
tert-Butylbenzene	ND	ug/L	39	200	200
1,2,4-Trimethylbenzene	ND	ug/L	33	200	200
sec-Butylbenzene	ND	ug/L	37	200	200
1,3-Dichlorobenzene	ND	ug/L	24	200	200
4-Isopropyltoluene	ND	ug/L	38	200	200
1,4-Dichlorobenzene	ND	ug/L	32	200	200
n-Butylbenzene	ND	ug/L	32	200	200
1,2-Dichlorobenzene	ND	ug/L	16	200	200
1,2-Dibromo-3-Chloropropane	ND	ug/L	59	1000	200
1,2,4-Trichlorobenzene	ND	ug/L	39	200	200
Hexachlorobutadiene	ND	ug/L	69	200	200
Naphthalene	ND	ug/L	38	1000	200
1,2,3-Trichlorobenzene	ND	ug/L	59	200	200
2,2-Dichloropropane	ND	ug/L	49	200	200
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4	94	%		70 - 130	
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	100	%		70 - 130	
Toluene-d8	99	%		70 - 130	
<b>Method: 300.0</b>	Date Prepared:			Date Analyzed: 05/11/2006 1100	
Chloride	300	mg/L	0.93	10	10

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-213

Lab Sample ID: 360-2899-4

Date Sampled: 04/20/2006 1130  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method: 410.4</b>	Date Prepared:				
<b>Chemical Oxygen Demand</b>	ND	mg/L	20	20	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-214

Lab Sample ID: 360-2899-5

Date Sampled: 04/20/2006 1020  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Prepared: 05/01/2006 1720		Date Analyzed: 05/01/2006 1720		
Chloromethane	ND	ug/L	250	1000	500
Vinyl chloride	ND	ug/L	110	500	500
Bromomethane	ND	ug/L	500	1000	500
Chloroethane	ND	ug/L	110	1000	500
Trichlorofluoromethane	ND	ug/L	130	500	500
1,1-Dichloroethene	ND	ug/L	100	500	500
Acetone	ND	ug/L	1900	25000	500
Methylene Chloride	ND	ug/L	250	1000	500
trans-1,2-Dichloroethene	ND	ug/L	110	500	500
Methyl tert-butyl ether	ND	ug/L	150	500	500
1,1-Dichloroethane	ND	ug/L	90	500	500
cis-1,2-Dichloroethene	ND	ug/L	190	500	500
Methyl Ethyl Ketone	ND	ug/L	950	5000	500
Chlorobromomethane	ND	ug/L	58	500	500
Chloroform	ND	ug/L	75	500	500
1,1,1-Trichloroethane	ND	ug/L	130	500	500
1,1-Dichloropropene	ND	ug/L	110	500	500
Carbon tetrachloride	ND	ug/L	120	500	500
Benzene	ND	ug/L	72	500	500
1,2-Dichloroethane	ND	ug/L	42	500	500
Trichloroethene	ND	ug/L	94	500	500
1,2-Dichloropropane	ND	ug/L	85	500	500
Dibromomethane	ND	ug/L	53	500	500
Dichlorobromomethane	ND	ug/L	98	500	500
cis-1,3-Dichloropropene	ND	ug/L	250	250	500
methyl isobutyl ketone	ND	ug/L	510	5000	500
Toluene	ND	ug/L	250	500	500
trans-1,3-Dichloropropene	ND	ug/L	250	250	500
1,1,2-Trichloroethane	ND	ug/L	35	500	500
Tetrachloroethene	7700	ug/L	70	500	500
1,3-Dichloropropane	ND	ug/L	36	500	500
2-Hexanone	ND	ug/L	1000	5000	500
Chlorodibromomethane	ND	ug/L	44	500	500
Ethylene Dibromide	ND	ug/L	46	500	500
Chlorobenzene	ND	ug/L	74	500	500
1,1,1,2-Tetrachloroethane	ND	ug/L	500	500	500
Ethylbenzene	ND	ug/L	90	500	500
m-Xylene & p-Xylene	ND	ug/L	190	1000	500
o-Xylene	ND	ug/L	76	500	500
Styrene	ND	ug/L	69	500	500
Bromoform	ND	ug/L	65	500	500
Isopropylbenzene	ND	ug/L	250	500	500
Bromobenzene	ND	ug/L	40	500	500

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-214

Lab Sample ID: 360-2899-5

Date Sampled: 04/20/2006 1020  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:	05/01/2006 1720		Date Analyzed:	05/01/2006 1720
1,1,2,2-Tetrachloroethane	ND	ug/L	110	500	500
1,2,3-Trichloropropane	ND	ug/L	65	500	500
N-Propylbenzene	ND	ug/L	99	500	500
2-Chlorotoluene	ND	ug/L	78	500	500
1,3,5-Trimethylbenzene	ND	ug/L	78	500	500
4-Chlorotoluene	ND	ug/L	79	500	500
tert-Butylbenzene	ND	ug/L	98	500	500
1,2,4-Trimethylbenzene	ND	ug/L	83	500	500
sec-Butylbenzene	ND	ug/L	92	500	500
1,3-Dichlorobenzene	ND	ug/L	60	500	500
4-Isopropyltoluene	ND	ug/L	96	500	500
1,4-Dichlorobenzene	ND	ug/L	81	500	500
n-Butylbenzene	ND	ug/L	81	500	500
1,2-Dichlorobenzene	ND	ug/L	41	500	500
1,2-Dibromo-3-Chloropropane	ND	ug/L	150	2500	500
1,2,4-Trichlorobenzene	ND	ug/L	97	500	500
Hexachlorobutadiene	ND	ug/L	170	500	500
Naphthalene	ND	ug/L	95	2500	500
1,2,3-Trichlorobenzene	ND	ug/L	150	500	500
2,2-Dichloropropane	ND	ug/L	120	500	500
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4	95	%		70 - 130	
4-Bromofluorobenzene	97	%		70 - 130	
Dibromofluoromethane	99	%		70 - 130	
Toluene-d8	100	%		70 - 130	
<b>Method: 300.0</b>	Date Prepared:			Date Analyzed:	05/11/2006 1328
Chloride	290	mg/L	0.93	10	10

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-214

Lab Sample ID: 360-2899-5

Date Sampled: 04/20/2006 1020  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 410.4	Date Prepared:				
Chemical Oxygen Demand	27	mg/L	20	20	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-215

Lab Sample ID: 360-2899-6

Date Sampled: 04/20/2006 1035  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared:	05/03/2006 1939		Date Analyzed:	05/03/2006 1939
Chloromethane	ND	ug/L	250	1000	500
Vinyl chloride	ND	ug/L	110	500	500
Bromomethane	ND	ug/L	500	1000	500
Chloroethane	ND	ug/L	110	1000	500
Trichlorofluoromethane	ND	ug/L	130	500	500
1,1-Dichloroethene	ND	ug/L	100	500	500
Acetone	ND	ug/L	1900	25000	500
Methylene Chloride	ND	ug/L	250	1000	500
trans-1,2-Dichloroethene	ND	ug/L	110	500	500
Methyl tert-butyl ether	ND	ug/L	150	500	500
1,1-Dichloroethane	ND	ug/L	90	500	500
cis-1,2-Dichloroethene	ND	ug/L	190	500	500
Methyl Ethyl Ketone	ND	ug/L	950	5000	500
Chlorobromomethane	ND	ug/L	58	500	500
Chloroform	ND	ug/L	75	500	500
1,1,1-Trichloroethane	ND	ug/L	130	500	500
1,1-Dichloropropene	ND	ug/L	110	500	500
Carbon tetrachloride	ND	ug/L	120	500	500
Benzene	ND	ug/L	72	500	500
1,2-Dichloroethane	ND	ug/L	42	500	500
Trichloroethene	ND	ug/L	94	500	500
1,2-Dichloropropane	ND	ug/L	85	500	500
Dibromomethane	ND	ug/L	53	500	500
Dichlorobromomethane	ND	ug/L	98	500	500
cis-1,3-Dichloropropene	ND	ug/L	250	250	500
methyl isobutyl ketone	ND	ug/L	510	5000	500
Toluene	ND	ug/L	250	500	500
trans-1,3-Dichloropropene	ND	ug/L	250	250	500
1,1,2-Trichloroethane	ND	ug/L	35	500	500
Tetrachloroethene	25000	ug/L	70	500	500
1,3-Dichloropropane	ND	ug/L	36	500	500
2-Hexanone	ND	ug/L	1000	5000	500
Chlorodibromomethane	ND	ug/L	44	500	500
Ethylene Dibromide	ND	ug/L	46	500	500
Chlorobenzene	ND	ug/L	74	500	500
1,1,1,2-Tetrachloroethane	ND	ug/L	500	500	500
Ethylbenzene	ND	ug/L	90	500	500
m-Xylene & p-Xylene	ND	ug/L	190	1000	500
o-Xylene	ND	ug/L	76	500	500
Styrene	ND	ug/L	69	500	500
Bromoform	ND	ug/L	65	500	500
Isopropylbenzene	ND	ug/L	250	500	500
Bromobenzene	ND	ug/L	40	500	500

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

**Client Sample ID:** MW-215

**Lab Sample ID:** 360-2899-6

Date Sampled: 04/20/2006 1035  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared:	05/03/2006 1939		Date Analyzed:	05/03/2006 1939
1,1,2,2-Tetrachloroethane	ND	ug/L	110	500	500
1,2,3-Trichloropropane	ND	ug/L	65	500	500
N-Propylbenzene	ND	ug/L	99	500	500
2-Chlorotoluene	ND	ug/L	78	500	500
1,3,5-Trimethylbenzene	ND	ug/L	78	500	500
4-Chlorotoluene	ND	ug/L	79	500	500
tert-Butylbenzene	ND	ug/L	98	500	500
1,2,4-Trimethylbenzene	ND	ug/L	83	500	500
sec-Butylbenzene	ND	ug/L	92	500	500
1,3-Dichlorobenzene	ND	ug/L	60	500	500
4-Isopropyltoluene	ND	ug/L	96	500	500
1,4-Dichlorobenzene	ND	ug/L	81	500	500
n-Butylbenzene	ND	ug/L	81	500	500
1,2-Dichlorobenzene	ND	ug/L	41	500	500
1,2-Dibromo-3-Chloropropane	ND	ug/L	150	2500	500
1,2,4-Trichlorobenzene	ND	ug/L	97	500	500
Hexachlorobutadiene	ND	ug/L	170	500	500
Naphthalene	ND	ug/L	95	2500	500
1,2,3-Trichlorobenzene	ND	ug/L	150	500	500
2,2-Dichloropropane	ND	ug/L	120	500	500
<b>Surrogate</b>					
1,2-Dichloroethane-d4	97	%		Acceptance Limits	70 - 130
4-Bromofluorobenzene	96	%			70 - 130
Dibromofluoromethane	100	%			70 - 130
Toluene-d8	99	%			70 - 130
<b>Method:</b> 300.0	Date Prepared:			Date Analyzed:	05/11/2006 1328
Chloride	290	mg/L	0.93	10	10

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: MW-215

Lab Sample ID: 360-2899-6

Date Sampled: 04/20/2006 1035  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 410.4	Date Prepared:				
Chemical Oxygen Demand	ND	mg/L	20	20	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: Trip B

Lab Sample ID: 360-2899-7

Date Sampled: 03/23/2006 0330  
 Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Prepared: 05/01/2006 1806			Date Analyzed: 05/01/2006 1806	
Chloromethane	ND	H ug/L	0.50	2.0	1.0
Vinyl chloride	ND	H ug/L	0.22	1.0	1.0
Bromomethane	ND	H ug/L	1.0	2.0	1.0
Chloroethane	ND	H * ug/L	0.22	2.0	1.0
Trichlorofluoromethane	ND	H ug/L	0.26	1.0	1.0
1,1-Dichloroethene	ND	H ug/L	0.20	1.0	1.0
Acetone	ND	H * ug/L	3.8	50	1.0
Methylene Chloride	ND	H ug/L	0.50	2.0	1.0
trans-1,2-Dichloroethene	ND	H ug/L	0.21	1.0	1.0
Methyl tert-butyl ether	ND	H * ug/L	0.30	1.0	1.0
1,1-Dichloroethane	ND	H ug/L	0.18	1.0	1.0
cis-1,2-Dichloroethene	ND	H ug/L	0.39	1.0	1.0
Methyl Ethyl Ketone	ND	H ug/L	1.9	10	1.0
Chlorobromomethane	ND	H ug/L	0.12	1.0	1.0
Chloroform	ND	H ug/L	0.15	1.0	1.0
1,1,1-Trichloroethane	ND	H ug/L	0.26	1.0	1.0
1,1-Dichloropropene	ND	H ug/L	0.22	1.0	1.0
Carbon tetrachloride	ND	H ug/L	0.24	1.0	1.0
Benzene	ND	H ug/L	0.14	1.0	1.0
1,2-Dichloroethane	ND	H ug/L	0.083	1.0	1.0
Trichloroethene	ND	H ug/L	0.19	1.0	1.0
1,2-Dichloropropane	ND	H ug/L	0.17	1.0	1.0
Dibromomethane	ND	H ug/L	0.11	1.0	1.0
Dichlorobromomethane	ND	H ug/L	0.20	1.0	1.0
cis-1,3-Dichloropropene	ND	H ug/L	0.50	0.50	1.0
methyl Isobutyl ketone	ND	H ug/L	1.0	10	1.0
Toluene	ND	H ug/L	0.50	1.0	1.0
trans-1,3-Dichloropropene	ND	H ug/L	0.50	0.50	1.0
1,1,2-Trichloroethane	ND	H ug/L	0.069	1.0	1.0
Tetrachloroethene	ND	H ug/L	0.14	1.0	1.0
1,3-Dichloropropane	ND	H ug/L	0.072	1.0	1.0
2-Hexanone	ND	H ug/L	2.1	10	1.0
Chlorodibromomethane	ND	H ug/L	0.087	1.0	1.0
Ethylene Dibromide	ND	H ug/L	0.092	1.0	1.0
Chlorobenzene	ND	H ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	H ug/L	1.0	1.0	1.0
Ethylbenzene	ND	H ug/L	0.18	1.0	1.0
m-Xylene & p-Xylene	ND	H ug/L	0.38	2.0	1.0
o-Xylene	ND	H ug/L	0.15	1.0	1.0
Styrene	ND	H ug/L	0.14	1.0	1.0
Bromoform	ND	H ug/L	0.13	1.0	1.0
Isopropylbenzene	ND	H ug/L	0.50	1.0	1.0
Bromobenzene	ND	H ug/L	0.079	1.0	1.0

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2899-1

Client Sample ID: Trip B

Lab Sample ID: 360-2899-7

Date Sampled: 03/23/2006 0330  
Date Received: 04/21/2006 1725

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B					
	Date Prepared: 05/01/2006 1806			Date Analyzed: 05/01/2006 1806	
1,1,2,2-Tetrachloroethane	ND	H	ug/L	0.23	1.0
1,2,3-Trichloropropane	ND	H	ug/L	0.13	1.0
N-Propylbenzene	ND	H	ug/L	0.20	1.0
2-Chlorotoluene	ND	H	ug/L	0.16	1.0
1,3,5-Trimethylbenzene	ND	H	ug/L	0.16	1.0
4-Chlorotoluene	ND	H	ug/L	0.16	1.0
tert-Butylbenzene	ND	H	ug/L	0.20	1.0
1,2,4-Trimethylbenzene	ND	H	ug/L	0.17	1.0
sec-Butylbenzene	ND	H	ug/L	0.18	1.0
1,3-Dichlorobenzene	ND	H	ug/L	0.12	1.0
4-Isopropyltoluene	ND	H	ug/L	0.19	1.0
1,4-Dichlorobenzene	ND	H	ug/L	0.16	1.0
n-Butylbenzene	ND	H	ug/L	0.16	1.0
1,2-Dichlorobenzene	ND	H	ug/L	0.082	1.0
1,2-Dibromo-3-Chloropropane	ND	H	ug/L	0.30	5.0
1,2,4-Trichlorobenzene	ND	H	ug/L	0.19	1.0
Hexachlorobutadiene	ND	H	ug/L	0.35	1.0
Naphthalene	ND	H	ug/L	0.19	5.0
1,2,3-Trichlorobenzene	ND	H	ug/L	0.29	1.0
2,2-Dichloropropane	ND	H	ug/L	0.25	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4	95	%		70 - 130	
4-Bromofluorobenzene	96	%		70 - 130	
Dibromofluoromethane	98	%		70 - 130	
Toluene-d8	99	%		70 - 130	

## DATA REPORTING QUALIFIERS

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time

# **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>				
<b>Analysis Batch:360-5847</b>				
LCS 360-5847/16	Lab Control Spike	Water	8260B	
LCSD 360-5847/1	Lab Control Spike Duplicate	Water	8260B	
MB 360-5847/2	Method Blank	Water	8260B	
360-2899-1	MW-210	Water	8260B	
360-2899-2	MW-211	Water	8260B	
360-2899-3	MW-212	Water	8260B	
360-2899-4	MW-213	Water	8260B	
360-2899-5	MW-214	Water	8260B	
360-2899-7TB	Trip B	Water	8260B	
<b>Analysis Batch:360-5919</b>				
LCS 360-5919/1	Lab Control Spike	Water	8260B	
LCSD 360-5919/2	Lab Control Spike Duplicate	Water	8260B	
MB 360-5919/3	Method Blank	Water	8260B	
360-2899-6	MW-215	Water	8260B	

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
<b>General Chemistry</b>				
<b>Analysis Batch:360-5723</b>				
LCS 360-5723/2	Lab Control Spike	Water	410.4	
MB 360-5723/1	Method Blank	Water	410.4	
360-2899-2	MW-211	Water	410.4	
360-2899-3	MW-212	Water	410.4	
360-2899-4	MW-213	Water	410.4	
360-2899-5	MW-214	Water	410.4	
360-2899-6	MW-215	Water	410.4	
<b>Analysis Batch:360-5725</b>				
LCS 360-5725/2	Lab Control Spike	Water	410.4	
MB 360-5725/1	Method Blank	Water	410.4	
360-2899-1	MW-210	Water	410.4	
<b>Analysis Batch:360-6149</b>				
LCS 360-6149/2	Lab Control Spike	Water	300.0	
MB 360-6149/1	Method Blank	Water	300.0	
360-2899-1	MW-210	Water	300.0	
360-2899-2	MW-211	Water	300.0	
360-2899-3	MW-212	Water	300.0	
360-2899-4	MW-213	Water	300.0	
<b>Analysis Batch:360-6150</b>				
LCS 360-6150/2	Lab Control Spike	Water	300.0	
MB 360-6150/1	Method Blank	Water	300.0	
360-2899-5	MW-214	Water	300.0	
360-2899-5MS	Matrix Spike	Water	300.0	
360-2899-5MSD	Matrix Spike Duplicate	Water	300.0	
360-2899-6	MW-215	Water	300.0	

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Method Blank - Batch: 360-5847

Lab Sample ID: MB 360-5847/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1457  
Date Prepared: 05/01/2006 1457

Analysis Batch: 360-5847  
Prep Batch: N/A  
Units: ug/L

### Method: 8260B Preparation: 5030B

Instrument ID: Agilent 5890+/5973 GC/MS  
Lab File ID: V05196.D  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	ND		0.50	2.0
Vinyl chloride	ND		0.22	1.0
Bromomethane	ND		1.0	2.0
Chloroethane	ND		0.22	2.0
Trichlorofluoromethane	ND		0.26	1.0
1,1-Dichloroethene	ND		0.20	1.0
Acetone	ND		3.8	50
Methylene Chloride	ND		0.50	2.0
trans-1,2-Dichloroethene	ND		0.21	1.0
Methyl tert-butyl ether	ND		0.30	1.0
1,1-Dichloroethane	ND		0.18	1.0
cis-1,2-Dichloroethene	ND		0.39	1.0
Methyl Ethyl Ketone	ND		1.9	10
Chlorobromomethane	ND		0.12	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1-Dichloropropene	ND		0.22	1.0
Carbon tetrachloride	ND		0.24	1.0
Benzene	ND		0.14	1.0
1,2-Dichloroethane	ND		0.083	1.0
Trichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.17	1.0
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
methyl isobutyl ketone	ND		1.0	10
Toluene	ND		0.50	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
1,1,2-Trichloroethane	ND		0.069	1.0
Tetrachloroethene	ND		0.14	1.0
1,3-Dichloropropane	ND		0.072	1.0
2-Hexanone	ND		2.1	10
Chlorodibromomethane	ND		0.087	1.0
Ethylene Dibromide	ND		0.092	1.0
Chlorobenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
Ethylbenzene	ND		0.18	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
Bromoform	ND		0.13	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Method Blank - Batch: 360-5847

Lab Sample ID: MB 360-5847/2  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 05/01/2006 1457  
 Date Prepared: 05/01/2006 1457

Analysis Batch: 360-5847  
 Prep Batch: N/A  
 Units: ug/L

### Method: 8260B Preparation: 5030B

Instrument ID: Agilent 5890+/5973 GC/MS  
 Lab File ID: V05196.D  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.50	1.0
Bromobenzene	ND		0.079	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
N-Propylbenzene	ND		0.20	1.0
2-Chlorotoluene	ND		0.16	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
4-Chlorotoluene	ND		0.16	1.0
tert-Butylbenzene	ND		0.20	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
sec-Butylbenzene	ND		0.18	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
4-Isopropyltoluene	ND		0.19	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
n-Butylbenzene	ND		0.16	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
Hexachlorobutadiene	ND		0.35	1.0
Naphthalene	ND		0.19	5.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
2,2-Dichloropropane	ND		0.25	1.0
Surrogate		% Rec	Acceptance Limits	
1,2-Dichloroethane-d4		94	70 - 130	
4-Bromofluorobenzene		98	70 - 130	
Dibromofluoromethane		99	70 - 130	
Toluene-d8		100	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5847

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID: LCS 360-5847/16  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1317  
Date Prepared: 05/01/2006 1317

Analysis Batch: 360-5847  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS  
Lab File ID: V05193.D  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5847/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1341  
Date Prepared: 05/01/2006 1341

Analysis Batch: 360-5847  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/N  
Lab File ID: V05194.D  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	112	99	70 - 130	12	25	*	*
Vinyl chloride	112	94	70 - 130	17	25	*	*
Bromomethane	108	97	70 - 130	11	25	*	*
Chloroethane	81	66	70 - 130	20	25	*	*
Trichlorofluoromethane	121	108	70 - 130	11	25	*	*
1,1-Dichloroethene	88	77	70 - 130	14	25	*	*
Acetone	56	50	70 - 130	12	25	*	*
Methylene Chloride	94	81	70 - 130	15	25	*	*
trans-1,2-Dichloroethene	89	78	70 - 130	14	25	*	*
Methyl tert-butyl ether	81	68	70 - 130	18	25	*	*
1,1-Dichloroethane	77	98	70 - 130	24	25	*	*
cis-1,2-Dichloroethene	99	95	70 - 130	3	25	*	*
Methyl Ethyl Ketone	75	70	70 - 130	7	25	*	*
Chlorebromomethane	95	91	70 - 130	4	25	*	*
Chloroform	98	96	70 - 130	2	25	*	*
1,1,1-Trichloroethane	100	96	70 - 130	4	25	*	*
1,1-Dichloropropene	99	97	70 - 130	2	25	*	*
Carbon tetrachloride	102	99	70 - 130	3	25	*	*
Benzene	95	94	70 - 130	2	25	*	*
1,2-Dichloroethane	95	89	70 - 130	7	25	*	*
Trichloroethene	93	92	70 - 130	1	25	*	*
1,2-Dichloropropane	97	93	70 - 130	5	25	*	*
Dibromomethane	98	94	70 - 130	4	25	*	*
Dichlorobromomethane	94	92	70 - 130	2	25	*	*
cis-1,3-Dichloropropene	102	98	70 - 130	4	25	*	*
methyl isobutyl ketone	93	86	70 - 130	8	25	*	*
Toluene	96	95	70 - 130	2	25	*	*
trans-1,3-Dichloropropene	104	99	70 - 130	5	25	*	*
1,1,2-Trichloroethane	98	95	70 - 130	4	25	*	*
Tetrachloroethene	99	97	70 - 130	1	25	*	*
1,3-Dichloropropane	100	97	70 - 130	4	25	*	*
2-Hexanone	85	79	70 - 130	7	25	*	*

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Laboratory Control/

### Laboratory Control Duplicate Recovery Report - Batch: 360-5847

LCS Lab Sample ID: LCS 360-5847/16  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1317  
Date Prepared: 05/01/2006 1317

Analysis Batch: 360-5847  
Prep Batch: N/A  
Units: ug/L

LCSD Lab Sample ID: LCSD 360-5847/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1341  
Date Prepared: 05/01/2006 1341

Analysis Batch: 360-5847  
Prep Batch: N/A  
Units: ug/L

Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chlorodibromomethane	96	92	70 - 130	5	25		
Ethylene Dibromide	99	95	70 - 130	5	25		
Chlorobenzene	98	95	70 - 130	3	25		
1,1,1,2-Tetrachloroethane	95	91	70 - 130	5	25		
Ethylbenzene	99	97	70 - 130	2	25		
m-Xylene & p-Xylene	99	98	70 - 130	2	25		
o-Xylene	97	94	70 - 130	3	25		
Styrene	97	95	70 - 130	2	25		
Bromoform	102	99	70 - 130	3	25		
Isopropylbenzene	105	101	70 - 130	3	25		
Bromobenzene	94	92	70 - 130	2	25		
1,1,2,2-Tetrachloroethane	99	96	70 - 130	3	25		
1,2,3-Trichloropropane	97	91	70 - 130	7	25		
N-Propylbenzene	101	99	70 - 130	2	25		
2-Chlorotoluene	97	95	70 - 130	2	25		
1,3,5-Trimethylbenzene	98	95	70 - 130	3	25		
4-Chlorotoluene	98	96	70 - 130	2	25		
tert-Butylbenzene	98	95	70 - 130	3	25		
1,2,4-Trimethylbenzene	97	95	70 - 130	2	25		
sec-Butylbenzene	100	97	70 - 130	3	25		
1,3-Dichlorobenzene	93	92	70 - 130	1	25		
4-Isopropyltoluene	101	98	70 - 130	3	25		
1,4-Dichlorobenzene	94	92	70 - 130	2	25		
n-Butylbenzene	103	101	70 - 130	2	25		
1,2-Dichlorobenzene	92	90	70 - 130	2	25		
1,2-Dibromo-3-Chloropropane	102	93	70 - 130	9	25		
1,2,4-Trichlorobenzene	95	91	70 - 130	4	25		
Hexachlorobutadiene	101	96	70 - 130	4	25		
Naphthalene	94	89	70 - 130	5	25		
1,2,3-Trichlorobenzene	94	90	70 - 130	5	25		
2,2-Dichloropropane	102	97	70 - 130	5	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4	102	97	70 - 130
4-Bromofluorobenzene	100	100	70 - 130
Dibromofluoromethane	101	99	70 - 130
Toluene-d8	100	99	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

**Method Blank - Batch: 360-5919**

**Method: 8260B**

**Preparation: 5030B**

Lab Sample ID: MB 360-5919/3  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 05/03/2006 1606  
 Date Prepared: 05/03/2006 1606

Analysis Batch: 360-5919  
 Prep Batch: N/A  
 Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS  
 Lab File ID: V05249.D  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	ND		0.50	2.0
Vinyl chloride	ND		0.22	1.0
Bromomethane	ND		1.0	2.0
Chloroethane	ND		0.22	2.0
Trichlorofluoromethane	ND		0.26	1.0
1,1-Dichloroethene	ND		0.20	1.0
Acetone	ND		3.8	50
Methylene Chloride	ND		0.50	2.0
trans-1,2-Dichloroethene	ND		0.21	1.0
Methyl tert-butyl ether	ND		0.30	1.0
1,1-Dichloroethane	ND		0.18	1.0
cis-1,2-Dichloroethene	ND		0.39	1.0
Methyl Ethyl Ketone	ND		1.9	10
Chlorobromomethane	ND		0.12	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1-Dichloropropene	ND		0.22	1.0
Carbon tetrachloride	ND		0.24	1.0
Benzene	ND		0.14	1.0
1,2-Dichloroethane	ND		0.083	1.0
Trichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.17	1.0
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
methyl isobutyl ketone	ND		1.0	10
Toluene	ND		0.50	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
1,1,2-Trichloroethane	ND		0.069	1.0
Tetrachloroethene	ND		0.14	1.0
1,3-Dichloropropane	ND		0.072	1.0
2-Hexanone	ND		2.1	10
Chlorodibromomethane	ND		0.087	1.0
Ethylene Dibromide	ND		0.092	1.0
Chlorobenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
Ethylbenzene	ND		0.18	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
Bromoform	ND		0.13	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

# Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

## Method Blank - Batch: 360-5919

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 360-5919/3

Analysis Batch: 360-5919

Instrument ID: Agilent 5890+/5973 GC/MS

Client Matrix: Water

Prep Batch: N/A

Lab File ID: V05249.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 25 mL

Date Analyzed: 05/03/2006 1606

Final Weight/Volume: 25 mL

Date Prepared: 05/03/2006 1606

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.50	1.0
Bromobenzene	ND		0.079	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
N-Propylbenzene	ND		0.20	1.0
2-Chlorotoluene	ND		0.16	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
4-Chlorotoluene	ND		0.16	1.0
tert-Butylbenzene	ND		0.20	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
sec-Butylbenzene	ND		0.18	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
4-Isopropyltoluene	ND		0.19	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
n-Butylbenzene	ND		0.16	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
Hexachlorobutadiene	ND		0.35	1.0
Naphthalene	ND		0.19	5.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
2,2-Dichloropropane	ND		0.25	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4	98	70 - 130
4-Bromofluorobenzene	97	70 - 130
Dibromofluoromethane	99	70 - 130
Toluene-d8	100	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5919

LCS Lab Sample ID: LCS 360-5919/1      Analysis Batch: 360-5919  
 Client Matrix: Water      Prep Batch: N/A  
 Dilution: 1.0      Units: ug/L  
 Date Analyzed: 05/03/2006 1457  
 Date Prepared: 05/03/2006 1457

LCSD Lab Sample ID: LCSD 360-5919/2      Analysis Batch: 360-5919  
 Client Matrix: Water      Prep Batch: N/A  
 Dilution: 1.0      Units: ug/L  
 Date Analyzed: 05/03/2006 1520  
 Date Prepared: 05/03/2006 1520

**Method: 8260B**  
**Preparation: 5030B**

Instrument ID: Agilent 5890+/5973 GC/MS  
 Lab File ID: V05246.D  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 25 mL

Instrument ID: Agilent 5890+/5973 GC/MS  
 Lab File ID: V05247.D  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.						
	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	119	110	70 - 130	8	25	*	*
Vinyl chloride	122	112	70 - 130	9	25		
Bromomethane	110	106	70 - 130	4	25		
Chloroethane	90	88	70 - 130	2	25		
Trichlorofluoromethane	129	118	70 - 130	8	25		
1,1-Dichloroethene	108	101	70 - 130	6	25		
Acetone	68	64	70 - 130	7	25		
Methylene Chloride	108	103	70 - 130	5	25		
trans-1,2-Dichloroethene	107	101	70 - 130	6	25		
Methyl tert-butyl ether	93	89	70 - 130	4	25		
1,1-Dichloroethane	89	114	70 - 130	25	25		
cis-1,2-Dichloroethene	108	104	70 - 130	5	25		
Methyl Ethyl Ketone	90	84	70 - 130	7	25		
Chlorobromomethane	100	97	70 - 130	3	25		
Chloroform	103	100	70 - 130	2	25		
1,1,1-Trichloroethane	107	102	70 - 130	5	25		
1,1-Dichloropropene	109	105	70 - 130	4	25		
Carbon tetrachloride	107	103	70 - 130	5	25		
Benzene	102	100	70 - 130	2	25		
1,2-Dichloroethane	104	102	70 - 130	2	25		
Trichloroethene	100	97	70 - 130	3	25		
1,2-Dichloropropane	104	101	70 - 130	3	25		
Dibromomethane	104	102	70 - 130	2	25		
Dichlorobromomethane	99	97	70 - 130	2	25		
cis-1,3-Dichloropropene	106	104	70 - 130	2	25		
methyl isobutyl ketone	110	102	70 - 130	8	25		
Toluene	103	100	70 - 130	3	25		
trans-1,3-Dichloropropene	106	105	70 - 130	2	25		
1,1,2-Trichloroethane	101	100	70 - 130	1	25		
Tetrachloroethene	106	102	70 - 130	4	25		
1,3-Dichloropropane	105	104	70 - 130	1	25		
2-Hexanone	100	93	70 - 130	7	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Laboratory Control/

### Laboratory Control Duplicate Recovery Report - Batch: 360-5919

**Method: 8260B**

**Preparation: 5030B**

LCS Lab Sample ID: LCS 360-5919/1  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 05/03/2006 1457  
 Date Prepared: 05/03/2006 1457

Analysis Batch: 360-5919  
 Prep Batch: N/A  
 Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS  
 Lab File ID: V05246.D  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5919/2  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 05/03/2006 1520  
 Date Prepared: 05/03/2006 1520

Analysis Batch: 360-5919  
 Prep Batch: N/A  
 Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/M  
 Lab File ID: V05247.D  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.				RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD	Limit	RPD			
Chlorodibromomethane	97	96	70 - 130	1	25		
Ethylene Dibromide	105	104	70 - 130	1	25		
Chlorobenzene	104	102	70 - 130	2	25		
1,1,1,2-Tetrachloroethane	97	94	70 - 130	3	25		
Ethylbenzene	106	103	70 - 130	3	25		
m-Xylene & p-Xylene	108	105	70 - 130	2	25		
o-Xylene	103	100	70 - 130	3	25		
Styrene	103	101	70 - 130	2	25		
Bromoform	107	105	70 - 130	2	25		
Isopropylbenzene	110	107	70 - 130	3	25		
Bromobenzene	96	94	70 - 130	2	25		
1,1,2,2-Tetrachloroethane	107	107	70 - 130	0	25		
1,2,3-Trichloropropane	100	99	70 - 130	2	25		
N-Propylbenzene	107	104	70 - 130	3	25		
2-Chlorotoluene	103	100	70 - 130	3	25		
1,3,5-Trimethylbenzene	106	101	70 - 130	5	25		
4-Chlorotoluene	105	102	70 - 130	2	25		
tert-Butylbenzene	101	99	70 - 130	2	25		
1,2,4-Trimethylbenzene	104	101	70 - 130	3	25		
sec-Butylbenzene	106	102	70 - 130	4	25		
1,3-Dichlorobenzene	95	94	70 - 130	2	25		
4-Isopropyltoluene	106	102	70 - 130	4	25		
1,4-Dichlorobenzene	102	101	70 - 130	1	25		
n-Butylbenzene	117	113	70 - 130	4	25		
1,2-Dichlorobenzene	99	97	70 - 130	2	25		
1,2-Dibromo-3-Chloropropane	110	108	70 - 130	2	25		
1,2,4-Trichlorobenzene	102	98	70 - 130	4	25		
Hexachlorobutadiene	111	107	70 - 130	3	25		
Naphthalene	100	96	70 - 130	4	25		
1,2,3-Trichlorobenzene	100	96	70 - 130	4	25		
2,2-Dichloropropane	107	102	70 - 130	5	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4	107	105	70 - 130
4-Bromofluorobenzene	97	98	70 - 130
Dibromofluoromethane	100	100	70 - 130
Toluene-d8	100	100	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Method Blank - Batch: 360-6149

Method: 300.0  
Preparation: N/A

Lab Sample ID: MB 360-6149/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/10/2006 2229  
Date Prepared: N/A

Analysis Batch: 360-6149  
Prep Batch: N/A  
Units: mg/L

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.093	1.0

### Laboratory Control Sample - Batch: 360-6149

Method: 300.0  
Preparation: N/A

Lab Sample ID: LCS 360-6149/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/10/2006 2229  
Date Prepared: N/A

Analysis Batch: 360-6149  
Prep Batch: N/A  
Units: mg/L

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	40.0	40	101	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Method Blank - Batch: 360-6150

Lab Sample ID: MB 360-6150/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/11/2006 1328  
Date Prepared: N/A

Analysis Batch: 360-6150  
Prep Batch: N/A  
Units: mg/L

Method: 300.0  
Preparation: N/A

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Chloride	ND		0.093	1.0

### Laboratory Control Sample - Batch: 360-6150

Lab Sample ID: LCS 360-6150/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/11/2006 1328  
Date Prepared: N/A

Analysis Batch: 360-6150  
Prep Batch: N/A  
Units: mg/L

Method: 300.0  
Preparation: N/A

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	40.0	41	102	85 - 115	

### Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 360-6150

MS Lab Sample ID: 360-2899-5  
Client Matrix: Water  
Dilution: 10  
Date Analyzed: 05/11/2006 1328  
Date Prepared: N/A

Analysis Batch: 360-6150  
Prep Batch: N/A

Method: 300.0  
Preparation: N/A

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 360-2899-5  
Client Matrix: Water  
Dilution: 10  
Date Analyzed: 05/11/2006 1328  
Date Prepared: N/A

Analysis Batch: 360-6150  
Prep Batch: N/A

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume:  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	78	80	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Method Blank - Batch: 360-5723

Lab Sample ID: MB 360-5723/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1954  
Date Prepared: N/A

Analysis Batch: 360-5723  
Prep Batch: N/A  
Units: mg/L

Method: 410.4

Preparation: N/A

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume: 2 mL  
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL	RL
Chemical Oxygen Demand	ND		20	20

### Laboratory Control Sample - Batch: 360-5723

Lab Sample ID: LCS 360-5723/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 1954  
Date Prepared: N/A

Analysis Batch: 360-5723  
Prep Batch: N/A  
Units: mg/L

Method: 410.4

Preparation: N/A

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume: 2 mL  
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	100	97	97	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

### Method Blank - Batch: 360-5725

Lab Sample ID: MB 360-5725/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 2007  
Date Prepared: N/A

Analysis Batch: 360-5725  
Prep Batch: N/A  
Units: mg/L

**Method: 410.4**  
**Preparation: N/A**

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume: 2 mL  
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL	RL
Chemical Oxygen Demand	ND		20	20

### Laboratory Control Sample - Batch: 360-5725

Lab Sample ID: LCS 360-5725/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/01/2006 2007  
Date Prepared: N/A

Analysis Batch: 360-5725  
Prep Batch: N/A  
Units: mg/L

**Method: 410.4**  
**Preparation: N/A**

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume: 2 mL  
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chemical Oxygen Demand	100	100	100	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2899-1

**Login Number: 2899**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	2.6 C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

**Severn Trent Laboratories, Inc.**  
Chain of Custody Form

**SEVERN**  
**TRENT**

**28200**

Shaw Et-I

Project #: 101960-05

Address: 3 Riverside Drive Project Manager: ED Van Dusen

Andover MA Work ID: Textron Gerhard

Phone: 978-466-2000 Fax: 978-461-2101 Contact: 978-461-2130

Requested Turnaround Time (PLEASE SPECIFY)

RUSH

(Lab Approval/Required)

Please print legibility. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Sample Type Codes  
W-Wastewater DW-Drinking water SW-Surface water  
L-Lab water GW-Groundwater A-Air  
S-Solid / Soil SL-Sludge O-Oil Z-Other

Sample ID  
MW-210

Date

Time Collected

COD - EPA Method

Chloride - EPA Method

300.0

Sample ID  
MW-211

Check analysis and specify method and analytes in comments section.

For example:

500-series for drinking water

600-series for waste water, NPDES

800-series for groundwater, soil, waste

3000-series for sediment, sea, waste

Use comments section to further define.

Sample ID  
MW-212

Check analysis and specify method and analytes in comments section.

For example:

500-series for drinking water

600-series for waste water, NPDES

800-series for groundwater, soil, waste

3000-series for sediment, sea, waste

Use comments section to further define.

Sample ID  
MW-213

Check analysis and specify method and analytes in comments section.

For example:

500-series for drinking water

600-series for waste water, NPDES

800-series for groundwater, soil, waste

3000-series for sediment, sea, waste

Use comments section to further define.

Sample ID  
MW-214

Check analysis and specify method and analytes in comments section.

For example:

500-series for drinking water

600-series for waste water, NPDES

800-series for groundwater, soil, waste

3000-series for sediment, sea, waste

Use comments section to further define.

Sample ID  
MW-215

Check analysis and specify method and analytes in comments section.

For example:

500-series for drinking water

600-series for waste water, NPDES

800-series for groundwater, soil, waste

3000-series for sediment, sea, waste

Use comments section to further define.

Sample ID  
Trip B

Check analysis and specify method and analytes in comments section.

For example:

500-series for drinking water

600-series for waste water, NPDES

800-series for groundwater, soil, waste

3000-series for sediment, sea, waste

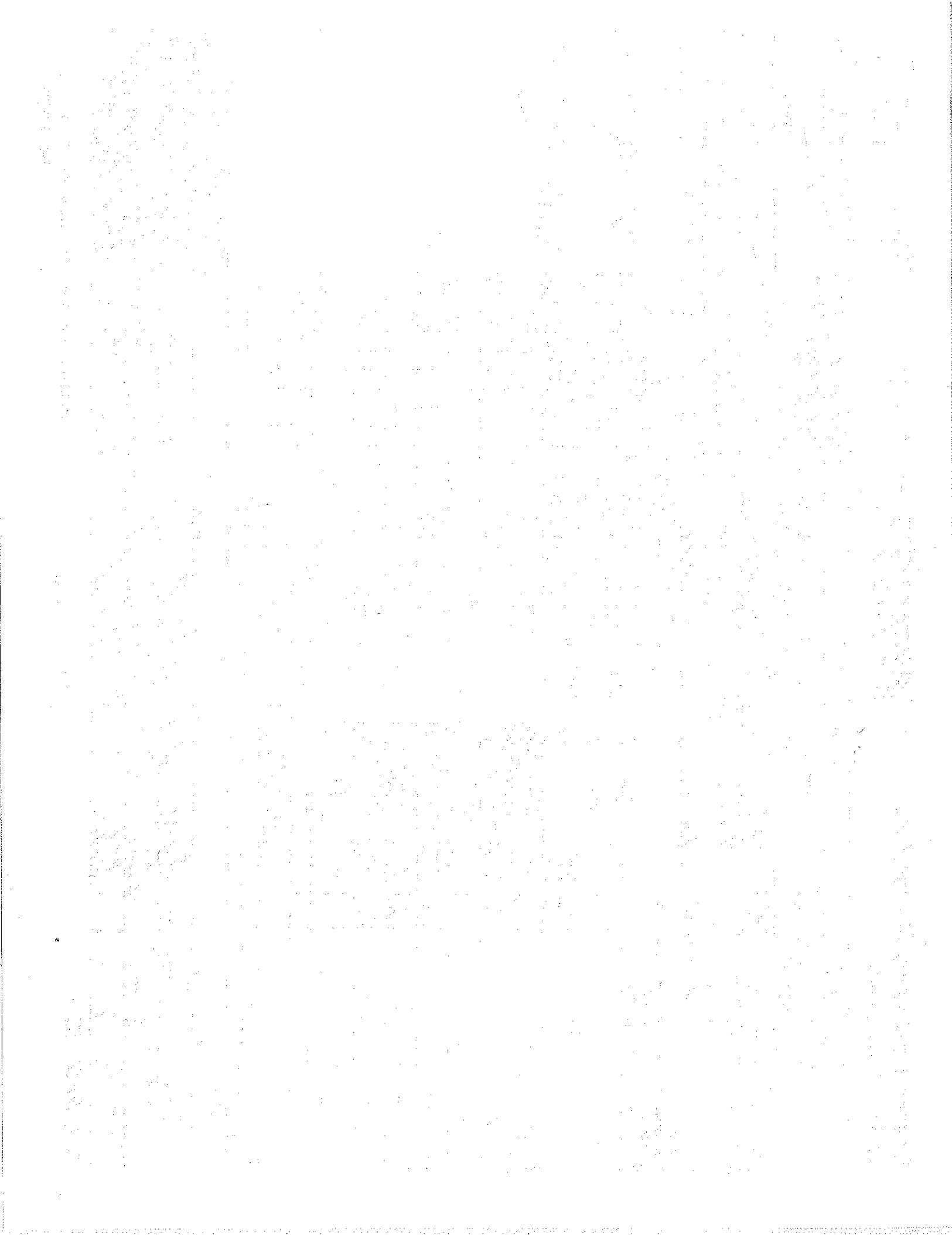
Use comments section to further define.

Sampled by (print): Jessica Daniels Date: 4/20/10 Time: 14:30  
Relinquished by: Jessica Daniels Date: 4-21-10 Time: 1:25  
Relinquished by: John Date: 4/21/10 Time: 13:30  
Relinquished by: John Date: 4/21/10 Time: 1:25

Signature: Jessica Daniels

Received by:	Revised by:	Received by:	Received by:
date: <u>4/21/10</u>	date: <u>4/21/10</u>	date: <u>4/21/10</u>	date: <u>4/21/10</u>
time: <u>1:00</u>	time: <u>1:00</u>	time: <u>13:30</u>	time: <u>1:25</u>
Comments: <u>None</u>	Comments: <u>None</u>	Comments: <u>None</u>	Comments: <u>None</u>

White = Lab file Yellow = Report copy Pink = Customer copy  
STL-8245 (1000)





## ANALYTICAL REPORT

Job Number: 360-2783-1

Job Description: Textron Providence 101960

For:  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Attention: Edward Van Doren

A handwritten signature in black ink, appearing to read "Jamie Wickham".

---

Jamie Wickham  
Technology Manager  
jwickham@stl-inc.com  
04/28/2006

Project Manager: Becky Mason

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. STL Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

## METHOD SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-WES	SW846 8260B	
Purge-and-Trap for Aqueous Samples/High	STL-WES		SW846 5030B
Percent Moisture	STL-WES	EPA PercentMoisture	

### LAB REFERENCES:

STL-WES = STL-Westfield

### METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Method	Analyst	Analyst ID
SW846 8260B	Cao, Xingluan	XC
EPA PercentMoisture	Lobudek, John J	JJL

## SAMPLE SUMMARY

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-2783-1	SB-211 (36')	Solid	04/10/2006 1120	04/17/2006 1820
360-2783-2	SB-211 (45')	Solid	04/10/2006 1210	04/17/2006 1820
360-2783-3	SB-214 (28')	Solid	04/11/2006 0850	04/17/2006 1820
360-2783-4	SB-214 (48')	Solid	04/11/2006 1130	04/17/2006 1820
360-2783-5	SB-212 (38')	Solid	04/12/2006 1138	04/17/2006 1820
360-2783-6	SB-212 (32')	Solid	04/12/2006 1058	04/17/2006 1820
360-2783-7	SB-213 (38')	Solid	04/13/2006 1000	04/17/2006 1820

## **SAMPLE RESULTS**

Job Number: 360-2783-1

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Client Sample ID: SB-211 (36')

Lab Sample ID: 360-2783-1

Date Sampled: 04/10/2006 1120  
 Date Received: 04/17/2006 1820  
 Percent Solids: 73

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared:			Date Analyzed: 04/21/2006 0230	
Chloromethane	ND	ug/Kg	58	340	1.0
Vinyl chloride	ND	ug/Kg	88	340	1.0
Bromomethane	ND	ug/Kg	44	340	1.0
Chloroethane	ND *	ug/Kg	84	340	1.0
Trichlorofluoromethane	ND	ug/Kg	69	170	1.0
1,1-Dichloroethene	ND	ug/Kg	65	170	1.0
Acetone	ND *	ug/Kg	3200	17000	1.0
Methylene Chloride	ND	ug/Kg	100	340	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	59	170	1.0
Methyl tert-butyl ether	ND	ug/Kg	50	170	1.0
1,1-Dichloroethane	ND	ug/Kg	63	170	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	83	170	1.0
Methyl Ethyl Ketone	ND	ug/Kg	540	1400	1.0
Chlorobromomethane	ND	ug/Kg	30	170	1.0
Chloroform	ND	ug/Kg	30	170	1.0
1,1,1-Trichloroethane	ND	ug/Kg	69	170	1.0
1,1-Dichloropropene	ND	ug/Kg	70	170	1.0
Carbon tetrachloride	ND	ug/Kg	66	170	1.0
Benzene	ND	ug/Kg	45	170	1.0
1,2-Dichloroethane	ND	ug/Kg	28	170	1.0
Trichloroethene	ND	ug/Kg	74	170	1.0
1,2-Dichloropropane	ND	ug/Kg	33	170	1.0
Dibromomethane	ND	ug/Kg	32	170	1.0
Dichlorobromomethane	ND	ug/Kg	23	170	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	44	170	1.0
methyl isobutyl ketone	ND	ug/Kg	330	1400	1.0
Toluene	ND	ug/Kg	34	170	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	48	170	1.0
1,1,2-Trichloroethane	ND	ug/Kg	21	170	1.0
Tetrachloroethene	9400	ug/Kg	91	170	1.0
1,3-Dichloropropane	ND	ug/Kg	37	170	1.0
2-Hexanone	ND	ug/Kg	340	1400	1.0
Chlorodibromomethane	ND	ug/Kg	37	170	1.0
Ethylene Dibromide	ND	ug/Kg	28	170	1.0
Chlorobenzene	ND	ug/Kg	43	170	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	51	170	1.0
Ethylbenzene	ND	ug/Kg	61	170	1.0
m-Xylene & p-Xylene	ND	ug/Kg	96	170	1.0
o-Xylene	ND	ug/Kg	48	170	1.0
Styrene	ND	ug/Kg	32	170	1.0
Bromoform	ND	ug/Kg	43	170	1.0
Isopropylbenzene	ND	ug/Kg	65	170	1.0
Bromobenzene	ND	ug/Kg	34	170	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-211 (36')**

**Lab Sample ID: 360-2783-1**

Date Sampled: 04/10/2006 1120  
 Date Received: 04/17/2006 1820  
 Percent Solids: 73

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0230	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	59	170	1.0
1,2,3-Trichloropropane	ND	ug/Kg	94	170	1.0
N-Propylbenzene	ND	ug/Kg	59	170	1.0
2-Chlorotoluene	ND	ug/Kg	50	170	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	45	170	1.0
4-Chlorotoluene	ND	ug/Kg	37	170	1.0
tert-Butylbenzene	ND	ug/Kg	51	170	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	29	170	1.0
sec-Butylbenzene	ND	ug/Kg	57	170	1.0
1,3-Dichlorobenzene	ND	ug/Kg	18	170	1.0
4-Isopropyltoluene	ND	ug/Kg	54	170	1.0
1,4-Dichlorobenzene	ND	ug/Kg	32	170	1.0
n-Butylbenzene	ND	ug/Kg	69	170	1.0
1,2-Dichlorobenzene	ND	ug/Kg	30	170	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	74	170	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	50	170	1.0
Hexachlorobutadiene	ND	ug/Kg	73	170	1.0
Naphthalene	ND	ug/Kg	66	1700	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	63	170	1.0
2,2-Dichloropropane	ND	ug/Kg	88	170	1.0
<b>Surrogate</b>					
1,2-Dichloroethane-d4	89	%		Acceptance Limits	
4-Bromofluorobenzene	96	%		70 - 130	
Dibromofluoromethane	94	%		70 - 130	
Toluene-d8	98	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-211 (36')

Lab Sample ID: 360-2783-1

Date Sampled: 04/10/2006 1120  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: PercentMoisture	Date Prepared:				Date Analyzed: 04/26/2006 1359
Percent Moisture	27	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-211 (45')**

**Lab Sample ID: 360-2783-2**

Date Sampled: 04/10/2006 1210  
 Date Received: 04/17/2006 1820  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0912		
Chloromethane	ND	ug/Kg	240	1400	5.0
Vinyl chloride	ND	ug/Kg	370	1400	5.0
Bromomethane	ND	ug/Kg	180	1400	5.0
Chloroethane	ND *	ug/Kg	350	1400	5.0
Trichlorofluoromethane	ND	ug/Kg	290	720	5.0
1,1-Dichloroethene	ND	ug/Kg	270	720	5.0
Acetone	ND *	ug/Kg	13000	72000	5.0
Methylene Chloride	ND	ug/Kg	420	1400	5.0
trans-1,2-Dichloroethene	ND	ug/Kg	250	720	5.0
Methyl tert-butyl ether	ND	ug/Kg	210	720	5.0
1,1-Dichloroethane	ND	ug/Kg	260	720	5.0
cis-1,2-Dichloroethene	ND	ug/Kg	340	720	5.0
Methyl Ethyl Ketone	ND	ug/Kg	2200	5700	5.0
Chlorobromomethane	ND	ug/Kg	130	720	5.0
Chloroform	ND	ug/Kg	130	720	5.0
1,1,1-Trichloroethane	ND	ug/Kg	290	720	5.0
1,1-Dichloropropene	ND	ug/Kg	290	720	5.0
Carbon tetrachloride	ND	ug/Kg	270	720	5.0
Benzene	ND	ug/Kg	190	720	5.0
1,2-Dichloroethane	ND	ug/Kg	110	720	5.0
Trichloroethene	ND	ug/Kg	310	720	5.0
1,2-Dichloropropane	ND	ug/Kg	140	720	5.0
Dibromomethane	ND	ug/Kg	130	720	5.0
Dichlorobromomethane	ND	ug/Kg	97	720	5.0
cis-1,3-Dichloropropene	ND	ug/Kg	180	720	5.0
methyl isobutyl ketone	ND	ug/Kg	1400	5700	5.0
Toluene	ND	ug/Kg	140	720	5.0
trans-1,3-Dichloropropene	ND	ug/Kg	200	720	5.0
1,1,2-Trichloroethane	ND	ug/Kg	86	720	5.0
Tetrachloroethene	49000	ug/Kg	380	720	5.0
1,3-Dichloropropane	ND	ug/Kg	150	720	5.0
2-Hexanone	ND	ug/Kg	1400	5700	5.0
Chlorodibromomethane	ND	ug/Kg	150	720	5.0
Ethylene Dibromide	ND	ug/Kg	110	720	5.0
Chlorobenzene	ND	ug/Kg	180	720	5.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	210	720	5.0
Ethylbenzene	ND	ug/Kg	250	720	5.0
m-Xylene & p-Xylene	ND	ug/Kg	400	720	5.0
o-Xylene	ND	ug/Kg	200	720	5.0
Styrene	ND	ug/Kg	130	720	5.0
Bromoform	ND	ug/Kg	180	720	5.0
Isopropylbenzene	ND	ug/Kg	270	720	5.0
Bromobenzene	ND	ug/Kg	140	720	5.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-211 (45')**

**Lab Sample ID: 360-2783-2**

Date Sampled: 04/10/2006 1210  
 Date Received: 04/17/2006 1820  
 Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0912	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	250	720	5.0
1,2,3-Trichloropropane	ND	ug/Kg	390	720	5.0
N-Propylbenzene	ND	ug/Kg	250	720	5.0
2-Chlorotoluene	ND	ug/Kg	210	720	5.0
1,3,5-Trimethylbenzene	ND	ug/Kg	190	720	5.0
4-Chlorotoluene	ND	ug/Kg	150	720	5.0
tert-Butylbenzene	ND	ug/Kg	210	720	5.0
1,2,4-Trimethylbenzene	ND	ug/Kg	120	720	5.0
sec-Butylbenzene	ND	ug/Kg	230	720	5.0
1,3-Dichlorobenzene	ND	ug/Kg	74	720	5.0
4-Isopropyltoluene	ND	ug/Kg	220	720	5.0
1,4-Dichlorobenzene	ND	ug/Kg	130	720	5.0
n-Butylbenzene	ND	ug/Kg	290	720	5.0
1,2-Dichlorobenzene	ND	ug/Kg	130	720	5.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	310	720	5.0
1,2,4-Trichlorobenzene	ND	ug/Kg	210	720	5.0
Hexachlorobutadiene	ND	ug/Kg	300	720	5.0
Naphthalene	ND	ug/Kg	270	7200	5.0
1,2,3-Trichlorobenzene	ND	ug/Kg	260	720	5.0
2,2-Dichloropropane	ND	ug/Kg	370	720	5.0

Surrogate		Acceptance Limits
1,2-Dichloroethane-d4	96	%
4-Bromofluorobenzene	94	%
Dibromofluoromethane	102	%
Toluene-d8	100	%

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-211 (45')

Lab Sample ID: 360-2783-2

Date Sampled: 04/10/2006 1210  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: Percent Moisture	Date Prepared:				Date Analyzed: 04/26/2006 1359
Percent Moisture	13	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-214 (28')

Lab Sample ID: 360-2783-3

Date Sampled: 04/11/2006 0850  
 Date Received: 04/17/2006 1820  
 Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:		Date Analyzed: 04/21/2006 0325		
Chloromethane	ND	ug/Kg	50	300	1.0
Vinyl chloride	ND	ug/Kg	77	300	1.0
Bromomethane	ND	ug/Kg	38	300	1.0
Chloroethane	ND *	ug/Kg	73	300	1.0
Trichlorofluoromethane	ND	ug/Kg	60	150	1.0
1,1-Dichloroethene	ND	ug/Kg	56	150	1.0
Acetone	ND *	ug/Kg	2800	15000	1.0
Methylene Chloride	ND	ug/Kg	89	300	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	52	150	1.0
Methyl tert-butyl ether	ND	ug/Kg	43	150	1.0
1,1-Dichloroethane	ND	ug/Kg	55	150	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	72	150	1.0
Methyl Ethyl Ketone	ND	ug/Kg	470	1200	1.0
Chlorobromomethane	ND	ug/Kg	26	150	1.0
Chloroform	ND	ug/Kg	26	150	1.0
1,1,1-Trichloroethane	ND	ug/Kg	60	150	1.0
1,1-Dichloropropene	68 J	ug/Kg	61	150	1.0
Carbon tetrachloride	ND	ug/Kg	58	150	1.0
Benzene	ND	ug/Kg	40	150	1.0
1,2-Dichloroethane	ND	ug/Kg	24	150	1.0
Trichloroethene	ND	ug/Kg	65	150	1.0
1,2-Dichloropropane	ND	ug/Kg	29	150	1.0
Dibromomethane	ND	ug/Kg	28	150	1.0
Dichlorobromomethane	ND	ug/Kg	20	150	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	38	150	1.0
methyl isobutyl ketone	ND	ug/Kg	290	1200	1.0
Toluene	ND	ug/Kg	30	150	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	42	150	1.0
1,1,2-Trichloroethane	21 J	ug/Kg	18	150	1.0
Tetrachloroethene	2500	ug/Kg	79	150	1.0
1,3-Dichloropropane	ND	ug/Kg	32	150	1.0
2-Hexanone	ND	ug/Kg	300	1200	1.0
Chlorodibromomethane	ND	ug/Kg	32	150	1.0
Ethylene Dibromide	ND	ug/Kg	24	150	1.0
Chlorobenzene	ND	ug/Kg	37	150	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	44	150	1.0
Ethylbenzene	ND	ug/Kg	53	150	1.0
m-Xylene & p-Xylene	ND	ug/Kg	84	150	1.0
o-Xylene	ND	ug/Kg	42	150	1.0
Styrene	ND	ug/Kg	28	150	1.0
Bromoform	ND	ug/Kg	37	150	1.0
Isopropylbenzene	ND	ug/Kg	56	150	1.0
Bromobenzene	ND	ug/Kg	30	150	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-214 (28")**

**Lab Sample ID: 360-2783-3**

Date Sampled: 04/11/2006 0850

Date Received: 04/17/2006 1820

Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0325	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	52	150	1.0
1,2,3-Trichloropropane	ND	ug/Kg	82	150	1.0
N-Propylbenzene	ND	ug/Kg	52	150	1.0
2-Chlorotoluene	ND	ug/Kg	43	150	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	40	150	1.0
4-Chlorotoluene	ND	ug/Kg	32	150	1.0
tert-Butylbenzene	ND	ug/Kg	44	150	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	25	150	1.0
sec-Butylbenzene	ND	ug/Kg	49	150	1.0
1,3-Dichlorobenzene	ND	ug/Kg	16	150	1.0
4-Isopropyltoluene	ND	ug/Kg	47	150	1.0
1,4-Dichlorobenzene	ND	ug/Kg	28	150	1.0
n-Butylbenzene	ND	ug/Kg	60	150	1.0
1,2-Dichlorobenzene	ND	ug/Kg	26	150	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	65	150	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	43	150	1.0
Hexachlorobutadiene	ND	ug/Kg	64	150	1.0
Naphthalene	ND	ug/Kg	58	1500	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	55	150	1.0
2,2-Dichloropropane	ND	ug/Kg	77	150	1.0
<hr/>					
<b>Surrogate</b>				<b>Acceptance Limits</b>	
1,2-Dichloroethane-d4	92	%		70 - 130	
4-Bromofluorobenzene	96	%		70 - 130	
Dibromofluoromethane	97	%		70 - 130	
Toluene-d8	99	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-214 (28')

Lab Sample ID: 360-2783-3

Date Sampled: 04/11/2006 0850

Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method:</b> Percent Moisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	17	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-214 (48")**

**Lab Sample ID: 360-2783-4**

Date Sampled: 04/11/2006 1130  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0352	
Chloromethane	ND	ug/Kg	45	270	1.0
Vinyl chloride	ND	ug/Kg	69	270	1.0
Bromomethane	ND	ug/Kg	34	270	1.0
Chloroethane	ND *	ug/Kg	66	270	1.0
Trichlorofluoromethane	ND	ug/Kg	54	130	1.0
1,1-Dichloroethene	ND	ug/Kg	51	130	1.0
Acetone	ND *	ug/Kg	2500	13000	1.0
Methylene Chloride	ND	ug/Kg	80	270	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	46	130	1.0
Methyl tert-butyl ether	ND	ug/Kg	39	130	1.0
1,1-Dichloroethane	ND	ug/Kg	50	130	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	65	130	1.0
Methyl Ethyl Ketone	ND	ug/Kg	420	1100	1.0
Chlorobromomethane	ND	ug/Kg	24	130	1.0
Chloroform	ND	ug/Kg	24	130	1.0
1,1,1-Trichloroethane	ND	ug/Kg	54	130	1.0
1,1-Dichloropropene	ND	ug/Kg	55	130	1.0
Carbon tetrachloride	ND	ug/Kg	52	130	1.0
Benzene	ND	ug/Kg	36	130	1.0
1,2-Dichloroethane	ND	ug/Kg	22	130	1.0
Trichloroethene	ND	ug/Kg	58	130	1.0
1,2-Dichloropropane	ND	ug/Kg	26	130	1.0
Dibromomethane	ND	ug/Kg	25	130	1.0
Dichlorobromomethane	ND	ug/Kg	18	130	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	34	130	1.0
methyl isobutyl ketone	ND	ug/Kg	260	1100	1.0
Toluene	ND	ug/Kg	27	130	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	38	130	1.0
1,1,2-Trichloroethane	31	ug/Kg	16	130	1.0
Tetrachloroethene	3400	ug/Kg	71	130	1.0
1,3-Dichloropropane	ND	ug/Kg	29	130	1.0
2-Hexanone	ND	ug/Kg	270	1100	1.0
Chlorodibromomethane	ND	ug/Kg	29	130	1.0
Ethylene Dibromide	ND	ug/Kg	22	130	1.0
Chlorobenzene	ND	ug/Kg	33	130	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	40	130	1.0
Ethylbenzene	ND	ug/Kg	47	130	1.0
m-Xylene & p-Xylene	ND	ug/Kg	75	130	1.0
o-Xylene	ND	ug/Kg	38	130	1.0
Styrene	ND	ug/Kg	25	130	1.0
Bromoform	ND	ug/Kg	33	130	1.0
Isopropylbenzene	ND	ug/Kg	51	130	1.0
Bromobenzene	ND	ug/Kg	27	130	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-214 (48')**

**Lab Sample ID: 360-2783-4**

Date Sampled: 04/11/2006 1130  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0352	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	46	130	1.0
1,2,3-Trichloropropane	ND	ug/Kg	73	130	1.0
N-Propylbenzene	ND	ug/Kg	46	130	1.0
2-Chlorotoluene	ND	ug/Kg	39	130	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	36	130	1.0
4-Chlorotoluene	ND	ug/Kg	29	130	1.0
tert-Butylbenzene	ND	ug/Kg	40	130	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	23	130	1.0
sec-Butylbenzene	ND	ug/Kg	44	130	1.0
1,3-Dichlorobenzene	ND	ug/Kg	14	130	1.0
4-Isopropyltoluene	ND	ug/Kg	42	130	1.0
1,4-Dichlorobenzene	ND	ug/Kg	25	130	1.0
n-Butylbenzene	ND	ug/Kg	54	130	1.0
1,2-Dichlorobenzene	ND	ug/Kg	24	130	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	58	130	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	39	130	1.0
Hexachlorobutadiene	ND	ug/Kg	57	130	1.0
Naphthalene	ND	ug/Kg	52	1300	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	50	130	1.0
2,2-Dichloropropane	ND	ug/Kg	69	130	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4	88	%	70 - 130
4-Bromofluorobenzene	95	%	70 - 130
Dibromofluoromethane	94	%	70 - 130
Toluene-d8	98	%	70 - 130

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-214 (48')

Lab Sample ID: 360-2783-4

Date Sampled: 04/11/2006 1130  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method:</b> Percent Moisture	Date Prepared:				Date Analyzed: 04/26/2006 1359
Percent Moisture	7.2	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-212 (38')

Lab Sample ID: 360-2783-5

Date Sampled: 04/12/2006 1138  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Prepared:		Date Analyzed: 04/21/2006 0939		
Chloromethane	ND	ug/Kg	230	1300	5.0
Vinyl chloride	ND	ug/Kg	340	1300	5.0
Bromomethane	ND	ug/Kg	170	1300	5.0
Chloroethane	ND *	ug/Kg	330	1300	5.0
Trichlorofluoromethane	ND	ug/Kg	270	670	5.0
1,1-Dichloroethene	ND	ug/Kg	250	670	5.0
Acetone	ND *	ug/Kg	13000	67000	5.0
Methylene Chloride	ND	ug/Kg	400	1300	5.0
trans-1,2-Dichloroethene	ND	ug/Kg	230	670	5.0
Methyl tert-butyl ether	ND	ug/Kg	190	670	5.0
1,1-Dichloroethane	ND	ug/Kg	250	670	5.0
cis-1,2-Dichloroethene	ND	ug/Kg	320	670	5.0
Methyl Ethyl Ketone	ND	ug/Kg	2100	5400	5.0
Chlorobromomethane	ND	ug/Kg	120	670	5.0
Chloroform	ND	ug/Kg	120	670	5.0
1,1,1-Trichloroethane	ND	ug/Kg	270	670	5.0
1,1-Dichloropropene	ND	ug/Kg	270	670	5.0
Carbon tetrachloride	ND	ug/Kg	260	670	5.0
Benzene	ND	ug/Kg	180	670	5.0
1,2-Dichloroethane	ND	ug/Kg	110	670	5.0
Trichloroethene	ND	ug/Kg	290	670	5.0
1,2-Dichloropropane	ND	ug/Kg	130	670	5.0
Dibromomethane	ND	ug/Kg	120	670	5.0
Dichlorobromomethane	ND	ug/Kg	92	670	5.0
cis-1,3-Dichloropropene	ND	ug/Kg	170	670	5.0
methyl isobutyl ketone	ND	ug/Kg	1300	5400	5.0
Toluene	ND	ug/Kg	130	670	5.0
trans-1,3-Dichloropropene	ND	ug/Kg	190	670	5.0
1,1,2-Trichloroethane	ND	ug/Kg	81	670	5.0
Tetrachloroethene	50000	ug/Kg	360	670	5.0
1,3-Dichloropropane	ND	ug/Kg	150	670	5.0
2-Hexanone	ND	ug/Kg	1300	5400	5.0
Chlorodibromomethane	ND	ug/Kg	150	670	5.0
Ethylene Dibromide	ND	ug/Kg	110	670	5.0
Chlorobenzene	ND	ug/Kg	170	670	5.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	200	670	5.0
Ethylbenzene	ND	ug/Kg	240	670	5.0
m-Xylene & p-Xylene	ND	ug/Kg	380	670	5.0
o-Xylene	ND	ug/Kg	190	670	5.0
Styrene	ND	ug/Kg	120	670	5.0
Bromoform	ND	ug/Kg	170	670	5.0
Isopropylbenzene	ND	ug/Kg	250	670	5.0
Bromobenzene	ND	ug/Kg	130	670	5.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID:** SB-212 (38")

**Lab Sample ID:** 360-2783-5

Date Sampled: 04/12/2006 1138  
 Date Received: 04/17/2006 1820  
 Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared:			Date Analyzed: 04/21/2006 0939	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	230	670	5.0
1,2,3-Trichloropropane	ND	ug/Kg	370	670	5.0
N-Propylbenzene	ND	ug/Kg	230	670	5.0
2-Chlorotoluene	ND	ug/Kg	190	670	5.0
1,3,5-Trimethylbenzene	ND	ug/Kg	180	670	5.0
4-Chlorotoluene	ND	ug/Kg	150	670	5.0
tert-Butylbenzene	ND	ug/Kg	200	670	5.0
1,2,4-Trimethylbenzene	ND	ug/Kg	110	670	5.0
sec-Butylbenzene	ND	ug/Kg	220	670	5.0
1,3-Dichlorobenzene	ND	ug/Kg	70	670	5.0
4-Isopropyltoluene	ND	ug/Kg	210	670	5.0
1,4-Dichlorobenzene	ND	ug/Kg	120	670	5.0
n-Butylbenzene	ND	ug/Kg	270	670	5.0
1,2-Dichlorobenzene	ND	ug/Kg	120	670	5.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	290	670	5.0
1,2,4-Trichlorobenzene	ND	ug/Kg	190	670	5.0
Hexachlorobutadiene	ND	ug/Kg	290	670	5.0
Naphthalene	ND	ug/Kg	260	6700	5.0
1,2,3-Trichlorobenzene	ND	ug/Kg	250	670	5.0
2,2-Dichloropropane	ND	ug/Kg	340	670	5.0
<hr/>					
<b>Surrogate</b>				<b>Acceptance Limits</b>	
1,2-Dichloroethane-d4	90	%		70 - 130	
4-Bromofluorobenzene	96	%		70 - 130	
Dibromofluoromethane	94	%		70 - 130	
Toluene-d8	99	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID:** SB-212 (38')

**Lab Sample ID:** 360-2783-5

Date Sampled: 04/12/2006 1138  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: Percent Moisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	7.2	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-212 (32')**

**Lab Sample ID: 360-2783-6**

Date Sampled: 04/12/2006 1058  
 Date Received: 04/17/2006 1820  
 Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:				
Chloromethane	ND	ug/Kg	47	280	1.0
Vinyl chloride	ND	ug/Kg	71	280	1.0
Bromomethane	46	J ug/Kg	36	280	1.0
Chloroethane	ND *	ug/Kg	68	280	1.0
Trichlorofluoromethane	ND	ug/Kg	55	140	1.0
1,1-Dichloroethene	ND	ug/Kg	52	140	1.0
Acetone	ND *	ug/Kg	2600	14000	1.0
Methylene Chloride	ND	ug/Kg	82	280	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	48	140	1.0
Methyl tert-butyl ether	ND	ug/Kg	40	140	1.0
1,1-Dichloroethane	ND	ug/Kg	51	140	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	67	140	1.0
Methyl Ethyl Ketone	ND	ug/Kg	440	1100	1.0
Chlorobromomethane	ND	ug/Kg	24	140	1.0
Chloroform	ND	ug/Kg	24	140	1.0
1,1,1-Trichloroethane	ND	ug/Kg	55	140	1.0
1,1-Dichloropropene	ND	ug/Kg	57	140	1.0
Carbon tetrachloride	ND	ug/Kg	53	140	1.0
Benzene	ND	ug/Kg	37	140	1.0
1,2-Dichloroethane	ND	ug/Kg	22	140	1.0
Trichloroethene	ND	ug/Kg	60	140	1.0
1,2-Dichloropropane	ND	ug/Kg	27	140	1.0
Dibromomethane	ND	ug/Kg	26	140	1.0
Dichlorobromomethane	ND	ug/Kg	19	140	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	36	140	1.0
methyl isobutyl ketone	ND	ug/Kg	270	1100	1.0
Toluene	ND	ug/Kg	28	140	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	39	140	1.0
1,1,2-Trichloroethane	ND	ug/Kg	17	140	1.0
Tetrachloroethene	13000	ug/Kg	73	140	1.0
1,3-Dichloropropane	ND	ug/Kg	30	140	1.0
2-Hexanone	ND	ug/Kg	280	1100	1.0
Chlorodibromomethane	ND	ug/Kg	30	140	1.0
Ethylene Dibromide	ND	ug/Kg	22	140	1.0
Chlorobenzene	ND	ug/Kg	34	140	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	41	140	1.0
Ethylbenzene	ND	ug/Kg	49	140	1.0
m-Xylene & p-Xylene	ND	ug/Kg	78	140	1.0
o-Xylene	ND	ug/Kg	39	140	1.0
Styrene	ND	ug/Kg	26	140	1.0
Bromoform	ND	ug/Kg	34	140	1.0
Isopropylbenzene	ND	ug/Kg	52	140	1.0
Bromobenzene	ND	ug/Kg	28	140	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID:** SB-212 (32')

**Lab Sample ID:** 360-2783-6

Date Sampled: 04/12/2006 1058  
 Date Received: 04/17/2006 1820  
 Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method:</b> 8260B	Date Prepared:				Date Analyzed: 04/21/2006 0447
1,1,2,2-Tetrachloroethane	ND	ug/Kg	48	140	1.0
1,2,3-Trichloropropane	ND	ug/Kg	75	140	1.0
N-Propylbenzene	ND	ug/Kg	48	140	1.0
2-Chlorotoluene	ND	ug/Kg	40	140	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	37	140	1.0
4-Chlorotoluene	ND	ug/Kg	30	140	1.0
tert-Butylbenzene	ND	ug/Kg	41	140	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	23	140	1.0
sec-Butylbenzene	ND	ug/Kg	46	140	1.0
1,3-Dichlorobenzene	ND	ug/Kg	14	140	1.0
4-Isopropyltoluene	ND	ug/Kg	43	140	1.0
1,4-Dichlorobenzene	ND	ug/Kg	26	140	1.0
n-Butylbenzene	ND	ug/Kg	55	140	1.0
1,2-Dichlorobenzene	ND	ug/Kg	24	140	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	60	140	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	40	140	1.0
Hexachlorobutadiene	ND	ug/Kg	59	140	1.0
Naphthalene	ND	ug/Kg	53	1400	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	51	140	1.0
2,2-Dichloropropane	ND	ug/Kg	71	140	1.0
<b>Surrogate</b>					
1,2-Dichloroethane-d4	89	%		70 - 130	
4-Bromofluorobenzene	95	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8	98	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-212 (32')

Lab Sample ID: 360-2783-6

Date Sampled: 04/12/2006 1058  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: Percent Moisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	9.9	%	1.0	1.0	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-213 (38")

Lab Sample ID: 360-2783-7

Date Sampled: 04/13/2006 1000  
 Date Received: 04/17/2006 1820  
 Percent Solids: 85

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Prepared:				Date Analyzed: 04/21/2006 0515
Chloromethane	ND	ug/Kg	49	290	1.0
Vinyl chloride	ND	ug/Kg	75	290	1.0
Bromomethane	ND	ug/Kg	38	290	1.0
Chloroethane	ND *	ug/Kg	72	290	1.0
Trichlorofluoromethane	ND	ug/Kg	59	150	1.0
1,1-Dichloroethene	ND	ug/Kg	55	150	1.0
Acetone	ND *	ug/Kg	2700	15000	1.0
Methylene Chloride	ND	ug/Kg	87	290	1.0
trans-1,2-Dichloroethene	ND	ug/Kg	51	150	1.0
Methyl tert-butyl ether	ND	ug/Kg	42	150	1.0
1,1-Dichloroethane	ND	ug/Kg	54	150	1.0
cis-1,2-Dichloroethene	ND	ug/Kg	71	150	1.0
Methyl Ethyl Ketone	ND	ug/Kg	460	1200	1.0
Chlorobromomethane	ND	ug/Kg	26	150	1.0
Chloroform	ND	ug/Kg	26	150	1.0
1,1,1-Trichloroethane	ND	ug/Kg	59	150	1.0
1,1-Dichloropropene	69 J	ug/Kg	60	150	1.0
Carbon tetrachloride	ND	ug/Kg	57	150	1.0
Benzene	ND	ug/Kg	39	150	1.0
1,2-Dichloroethane	ND	ug/Kg	24	150	1.0
Trichloroethene	ND	ug/Kg	64	150	1.0
1,2-Dichloropropane	ND	ug/Kg	28	150	1.0
Dibromomethane	ND	ug/Kg	27	150	1.0
Dichlorobromomethane	ND	ug/Kg	20	150	1.0
cis-1,3-Dichloropropene	ND	ug/Kg	38	150	1.0
methyl isobutyl ketone	ND	ug/Kg	280	1200	1.0
Toluene	ND	ug/Kg	29	150	1.0
trans-1,3-Dichloropropene	ND	ug/Kg	41	150	1.0
1,1,2-Trichloroethane	ND	ug/Kg	18	150	1.0
Tetrachloroethene	12000	ug/Kg	78	150	1.0
1,3-Dichloropropane	ND	ug/Kg	32	150	1.0
2-Hexanone	ND	ug/Kg	290	1200	1.0
Chlorodibromomethane	ND	ug/Kg	32	150	1.0
Ethylene Dibromide	ND	ug/Kg	24	150	1.0
Chlorobenzene	ND	ug/Kg	37	150	1.0
1,1,1,2-Tetrachloroethane	ND	ug/Kg	44	150	1.0
Ethylbenzene	ND	ug/Kg	52	150	1.0
m-Xylene & p-Xylene	ND	ug/Kg	82	150	1.0
o-Xylene	ND	ug/Kg	41	150	1.0
Styrene	ND	ug/Kg	27	150	1.0
Bromoform	ND	ug/Kg	37	150	1.0
Isopropylbenzene	ND	ug/Kg	55	150	1.0
Bromobenzene	ND	ug/Kg	29	150	1.0

Edward Van Doren  
 Shaw Environmental & Infrastructure, Inc  
 11 Northeastern Boulevard  
 Salem, NH 07079-1953

Job Number: 360-2783-1

**Client Sample ID: SB-213 (38')**

**Lab Sample ID: 360-2783-7**

Date Sampled: 04/13/2006 1000

Date Received: 04/17/2006 1820

Percent Solids: 85

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Prepared:			Date Analyzed: 04/21/2006 0515	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	51	150	1.0
1,2,3-Trichloropropane	ND	ug/Kg	80	150	1.0
N-Propylbenzene	ND	ug/Kg	51	150	1.0
2-Chlorotoluene	ND	ug/Kg	42	150	1.0
1,3,5-Trimethylbenzene	ND	ug/Kg	39	150	1.0
4-Chlorotoluene	ND	ug/Kg	32	150	1.0
tert-Butylbenzene	ND	ug/Kg	44	150	1.0
1,2,4-Trimethylbenzene	ND	ug/Kg	25	150	1.0
sec-Butylbenzene	ND	ug/Kg	48	150	1.0
1,3-Dichlorobenzene	ND	ug/Kg	15	150	1.0
4-Isopropyltoluene	ND	ug/Kg	46	150	1.0
1,4-Dichlorobenzene	ND	ug/Kg	27	150	1.0
n-Butylbenzene	ND	ug/Kg	59	150	1.0
1,2-Dichlorobenzene	ND	ug/Kg	26	150	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/Kg	64	150	1.0
1,2,4-Trichlorobenzene	ND	ug/Kg	42	150	1.0
Hexachlorobutadiene	ND	ug/Kg	62	150	1.0
Naphthalene	ND	ug/Kg	57	1500	1.0
1,2,3-Trichlorobenzene	ND	ug/Kg	54	150	1.0
2,2-Dichloropropane	ND	ug/Kg	75	150	1.0
<hr/>					
<b>Surrogate</b>				<b>Acceptance Limits</b>	
1,2-Dichloroethane-d4	91	%		70 - 130	
4-Bromofluorobenzene	97	%		70 - 130	
Dibromofluoromethane	96	%		70 - 130	
Toluene-d8	98	%		70 - 130	

Edward Van Doren  
Shaw Environmental & Infrastructure, Inc  
11 Northeastern Boulevard  
Salem, NH 07079-1953

Job Number: 360-2783-1

Client Sample ID: SB-213 (38")

Lab Sample ID: 360-2783-7

Date Sampled: 04/13/2006 1000  
Date Received: 04/17/2006 1820

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
<b>Method:</b> PercentMoisture	Date Prepared:			Date Analyzed: 04/26/2006 1359	
Percent Moisture	15	%	1.0	1.0	1.0

## DATA REPORTING QUALIFIERS

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>				
<b>Analysis Batch:360-5415</b>				
LCS 360-5415/1	Lab Control Spike	Solid	8260B	
LCSD 360-5415/2	Lab Control Spike Duplicate	Solid	8260B	
MB 360-5415/3	Method Blank	Solid	8260B	
360-2783-1	SB-211 (36')	Solid	8260B	
360-2783-2	SB-211 (45')	Solid	8260B	
360-2783-3	SB-214 (28')	Solid	8260B	
360-2783-4	SB-214 (48')	Solid	8260B	
360-2783-5	SB-212 (38')	Solid	8260B	
360-2783-6	SB-212 (32')	Solid	8260B	
360-2783-7	SB-213 (38')	Solid	8260B	
<b>General Chemistry</b>				
<b>Analysis Batch:360-5532</b>				
360-2783-1	SB-211 (36')	Solid	PercentMoisture	
360-2783-2	SB-211 (45')	Solid	PercentMoisture	
360-2783-3	SB-214 (28')	Solid	PercentMoisture	
360-2783-4	SB-214 (48')	Solid	PercentMoisture	
360-2783-5	SB-212 (38')	Solid	PercentMoisture	
360-2783-6	SB-212 (32')	Solid	PercentMoisture	
360-2783-7	SB-213 (38')	Solid	PercentMoisture	

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Method Blank - Batch: 360-5415

Lab Sample ID: MB 360-5415/3  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 04/21/2006 0135  
Date Prepared: N/A

Analysis Batch: 360-5415  
Prep Batch: N/A  
Units: ug/Kg

### Method: 8260B

Preparation: N/A

Instrument ID: HP 5890/5972 GC/MS  
Lab File ID: V33293.D  
Initial Weight/Volume: 0.1 mL  
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	ND		42	250
Vinyl chloride	ND		64	250
Bromomethane	ND		32	250
Chloroethane	ND		61	250
Trichlorofluoromethane	ND		50	130
1,1-Dichloroethene	ND		47	130
Acetone	ND		2300	13000
Methylene Chloride	ND		74	250
trans-1,2-Dichloroethene	ND		43	130
Methyl tert-butyl ether	ND		36	130
1,1-Dichloroethane	ND		46	130
cis-1,2-Dichloroethene	ND		60	130
Methyl Ethyl Ketone	ND		390	1000
Chlorobromomethane	ND		22	130
Chloroform	ND		22	130
1,1,1-Trichloroethane	ND		50	130
1,1-Dichloropropene	ND		51	130
Carbon tetrachloride	ND		48	130
Benzene	ND		33	130
1,2-Dichloroethane	ND		20	130
Trichloroethene	ND		54	130
1,2-Dichloropropane	ND		24	130
Dibromomethane	ND		23	130
Dichlorobromomethane	ND		17	130
cis-1,3-Dichloropropene	ND		32	130
methyl isobutyl ketone	ND		240	1000
Toluene	ND		25	130
trans-1,3-Dichloropropene	ND		35	130
1,1,2-Trichloroethane	ND		15	130
Tetrachloroethene	ND		66	130
1,3-Dichloropropane	ND		27	130
2-Hexanone	ND		250	1000
Chlorodibromomethane	ND		27	130
Ethylene Dibromide	ND		20	130
Chlorobenzene	ND		31	130
1,1,1,2-Tetrachloroethane	ND		37	130
Ethylbenzene	ND		44	130
m-Xylene & p-Xylene	ND		70	130
o-Xylene	ND		35	130
Styrene	ND		23	130
Bromoform	ND		31	130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Method Blank - Batch: 360-5415

Method: 8260B  
Preparation: N/A

Lab Sample ID: MB 360-5415/3

Analysis Batch: 360-5415

Instrument ID: HP 5890/5972 GC/MS

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: V33293.D

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 0.1 mL

Date Analyzed: 04/21/2006 0135

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		47	130
Bromobenzene	ND		25	130
1,1,2,2-Tetrachloroethane	ND		43	130
1,2,3-Trichloropropane	ND		68	130
N-Propylbenzene	ND		43	130
2-Chlorotoluene	ND		36	130
1,3,5-Trimethylbenzene	ND		33	130
4-Chlorotoluene	ND		27	130
tert-Butylbenzene	ND		37	130
1,2,4-Trimethylbenzene	ND		21	130
sec-Butylbenzene	ND		41	130
1,3-Dichlorobenzene	ND		13	130
4-Isopropyltoluene	ND		39	130
1,4-Dichlorobenzene	ND		23	130
n-Butylbenzene	ND		50	130
1,2-Dichlorobenzene	ND		22	130
1,2-Dibromo-3-Chloropropane	ND		54	130
1,2,4-Trichlorobenzene	ND		36	130
Hexachlorobutadiene	ND		53	130
Naphthalene	ND		48	1300
1,2,3-Trichlorobenzene	ND		46	130
2,2-Dichloropropane	ND		64	130
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4	95		70 - 130	
4-Bromofluorobenzene	96		70 - 130	
Dibromofluoromethane	101		70 - 130	
Toluene-d8	98		70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5415

**Method: 8260B**  
**Preparation: N/A**

LCS Lab Sample ID: LCS 360-5415/1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0013  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33290.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5415/2  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0041  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33291.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	104	103	70 - 130	1	25	*	*
Vinyl chloride	101	99	70 - 130	2	25	*	*
Bromomethane	75	71	70 - 130	6	25	*	*
Chloroethane	17	17	70 - 130	1	25	*	*
Trichlorofluoromethane	71	73	70 - 130	2	25	*	*
1,1-Dichloroethene	98	96	70 - 130	2	25	*	*
Acetone	64	66	70 - 130	3	25	*	*
Methylene Chloride	96	95	70 - 130	1	25	*	*
trans-1,2-Dichloroethene	96	94	70 - 130	3	25	*	*
Methyl tert-butyl ether	77	78	70 - 130	2	25	*	*
1,1-Dichloroethane	101	99	70 - 130	2	25	*	*
cis-1,2-Dichloroethene	99	98	70 - 130	2	25	*	*
Methyl Ethyl Ketone	77	79	70 - 130	2	25	*	*
Chlorobromomethane	92	92	70 - 130	0	25	*	*
Chloroform	96	93	70 - 130	3	25	*	*
1,1,1-Trichloroethane	94	91	70 - 130	2	25	*	*
1,1-Dichloropropene	96	94	70 - 130	2	25	*	*
Carbon tetrachloride	92	90	70 - 130	2	25	*	*
Benzene	98	96	70 - 130	3	25	*	*
1,2-Dichloroethane	88	88	70 - 130	0	25	*	*
Trichloroethene	94	93	70 - 130	1	25	*	*
1,2-Dichloropropane	97	96	70 - 130	1	25	*	*
Dibromomethane	91	92	70 - 130	1	25	*	*
Dichlorobromomethane	86	85	70 - 130	1	25	*	*
cis-1,3-Dichloropropene	88	87	70 - 130	0	25	*	*
methyl isobutyl ketone	89	91	70 - 130	2	25	*	*
Toluene	97	96	70 - 130	2	25	*	*
trans-1,3-Dichloropropene	90	89	70 - 130	1	25	*	*
1,1,2-Trichloroethane	90	92	70 - 130	1	25	*	*
Tetrachloroethene	97	96	70 - 130	1	25	*	*
1,3-Dichloropropane	92	93	70 - 130	1	25	*	*
2-Hexanone	84	86	70 - 130	2	25	*	*

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

### Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5415

**Method: 8260B**  
**Preparation: N/A**

LCS Lab Sample ID: LCS 360-5415/1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0013  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33290.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5415/2  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 04/21/2006 0041  
 Date Prepared: N/A

Analysis Batch: 360-5415  
 Prep Batch: N/A  
 Units: ug/Kg

Instrument ID: HP 5890/5972 GC/MS  
 Lab File ID: V33291.D  
 Initial Weight/Volume: 0.1 mL  
 Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chlorodibromomethane	89	91	70 - 130	2	25		
Ethylene Dibromide	92	93	70 - 130	1	25		
Chlorobenzene	103	101	70 - 130	2	25		
1,1,1,2-Tetrachloroethane	96	94	70 - 130	2	25		
Ethylbenzene	103	100	70 - 130	3	25		
m-Xylene & p-Xylene	103	101	70 - 130	2	25		
o-Xylene	101	99	70 - 130	2	25		
Styrene	101	99	70 - 130	1	25		
Bromoform	102	103	70 - 130	1	25		
Isopropylbenzene	110	107	70 - 130	3	25		
Bromobenzene	97	96	70 - 130	1	25		
1,1,2,2-Tetrachloroethane	102	103	70 - 130	1	25		
1,2,3-Trichloropropane	93	93	70 - 130	1	25		
N-Propylbenzene	104	102	70 - 130	2	25		
2-Chlorotoluene	100	98	70 - 130	2	25		
1,3,5-Trimethylbenzene	100	97	70 - 130	3	25		
4-Chlorotoluene	101	98	70 - 130	3	25		
tert-Butylbenzene	102	99	70 - 130	2	25		
1,2,4-Trimethylbenzene	97	95	70 - 130	2	25		
sec-Butylbenzene	102	99	70 - 130	3	25		
1,3-Dichlorobenzene	97	96	70 - 130	1	25		
4-Isopropyltoluene	102	100	70 - 130	2	25		
1,4-Dichlorobenzene	105	104	70 - 130	2	25		
n-Butylbenzene	108	106	70 - 130	2	25		
1,2-Dichlorobenzene	103	102	70 - 130	0	25		
1,2-Dibromo-3-Chloropropane	90	91	70 - 130	1	25		
1,2,4-Trichlorobenzene	101	100	70 - 130	1	25		
Hexachlorobutadiene	114	115	70 - 130	0	25		
Naphthalene	97	100	70 - 130	4	25		
1,2,3-Trichlorobenzene	108	109	70 - 130	2	25		
2,2-Dichloropropane	86	83	70 - 130	4	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4	89	89	70 - 130
4-Bromofluorobenzene	98	97	70 - 130
Dibromofluoromethane	95	95	70 - 130
Toluene-d8	98	98	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Shaw Environmental & Infrastructure, Inc

Job Number: 360-2783-1

**Login Number: 2783**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



000001



17 Princess Road  
Lawrenceville, NJ 08648  
Tel: 609/895-5370  
Fax: 609/895-1858

**Reduced Deliverable Package**

**Prepared for  
Tretron Providence**

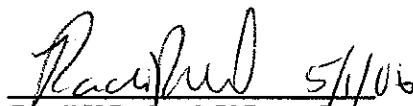
**Lab ID**  
**7277**

**Project Number:** **101960**

**Samples Received**  
**25-Apr-06**

**Report**  
**1-May-06**

**NJDEP Certified Lab 11001**

  
Randi K Rothmel, PhD

5/1/06

Laboratory Director

## Table of Contents

### 1.0 General Information

Sample ID Table

Chain of custody

Internal chains of custody

Methodology Review

Data Reporting Qualifiers

### 2.0 Sample Summary Results

### 3.0 QA/QC Report

## 1.0 General Information

000004

**Sample ID Table**

*See LOC*

000005

**Chain of Custody(s)**

---



Lab ID: 7277  
Client: T. R. Stroh  
Date Received: 4-26-00

Shaw E&I Analytical and Treatability Laboratories Internal Chain of Custody

Date Received: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Page 1

000007

## Methodology Review

### Volatile Organics

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 8260 or 624. Soil samples are prepared by 5035- methanol extraction prior to analysis by 5030. GC/MS nontargeted compounds are analyzed for only upon request using a library search of the EPA/NIST98 mass spectral library of compounds at the greatest apparent concentrations (>10% of the nearest internal standard) for a total of 15 hits.

### Other Organics

Other Organics such as tertbutyl alcohol, and dissolved gases (methane,ethane, ethene, propane) are analyzed using modified EPA method 8015 unless specified. TBA is analyzed by a heated purge and trap unto a GC equipped with an FID detector. Dissolved gases are prepared by a modification of Campbell, and Vandegrift(Journal of Chromatographic Science, 1998, Vol 38, p253-256. Volatile fatty acids (acetate, formate, butyrate, propionate) are analyzed by ion chromatography. Nitroaromatics are analyzed using Method 8330.

All Microbiology and Inorganic analysis is done by standard methods as specified in Test Method for Evaluating Solid Wastes, SW846, on line methods; EPA methods and Guidance of Analysis of Water, 1999; or Standard Methods for the examination of Water and Wastewater, 18/19th ed.

### Microbiology

Parameter	Method Code (s)
Total Heterotrophs	SM9215C
Specific Heterotrophs	SM9215C-BSM
Biological Oxygen Demand	EPA405.1
Biological Oxygen Demand, Carbon	SM5210B

### Wet Chemistry -Inorganics

Anions (chloride, nitrite,bromide, nitrate as N, nitrate as N phosphate as P,ortho, sulfate as SO <sub>4</sub>	EPA300.0	
Perchlorate,sol	EPA314.0	
Chlorate,sol	EPA300.0m	
Ammonia as NH <sub>3</sub> -N	EPA350.2	
TKN	EPA351.3	
Alkalinity as CaCO <sub>3</sub>	EPA310.1	
Hardness as CaCO <sub>3</sub>	EPA130.2	
Carbon Dioxide	SM4500-CO <sub>2</sub>	
Total Organic Carbon	EPA415.1	SW-846 9060
Chemical Oxygen Demand	EPA410.4	SM5220D
pH	EPA150.1	SW-846 9045C
Total Dissolved Solids (TDS)	EPA160.1	
Total Solids	EPA160.3	SM2540G
Total Suspended Solids (TSS)	EPA160.2	
Volatile Suspended Solids (VSS)	EPA160.4	SM2540G
Conductivity	EPA120.1	SW-846 9050A
Phosphorus (all forms)	EPA365.2	
Sulfide	EPA376.2	SM4500-S D
Total Residual Chlorine	EPA330.5	SM4500-Cl G

**Reporting Qualifiers**

- U- The compound was not detected at the indicated PQL concentration.
- J- Approximate concentration of the compound. Detection of compound above calculated MDL but below the PQL of the analytical method. 99% confidence that the compound is present.
- D- Diluted sample
- B- The analyte was observed in laboratory blank as well as the sample - for EPA SW856 8260b and EPA 624 analysis
- E- Compound detected above the linear range of the curve. Value given is an estimated value.

000010

## 2.0 Sample Results

000011

**Shaw Environmental**  
**Analytical and Treatability Laboratories**

17 Princess Road  
Lawrenceville, New Jersey 08648  
Tel; 609/895-5370  
Fax: 609/895-1858

**Sample Information**

Lab ID	7277-1	Date Sampled	04/25/2006
Sample ID	MW101D	Date Received	04/26/2006
Matrix	Aqueous		

**Limited Chemistry**

Parameter	Date Analyzed	Concentration	Qual (see below)	Units	PQL	MDL	Dilution Factor	Method Code
Chloride	04/26/2006	17.6		mg/L	0.1	0.01	1	EPA 300.0
Sulfate as SO <sub>4</sub>	04/26/2006	21.0		mg/L	0.1	0.02	1	EPA 300.0
Nitrite as N	04/26/2006	0.1	U	mg/L	0.1	0.02	1	EPA 300.0
Phosphate as P, ortho	04/26/2006	0.27		mg/L	0.1	0.02	1	EPA 300.0
Nitrate as N	04/26/2006	0.13	J	mg/L	0.1	0.01	1	EPA 300.0
Methane (2)	04/27/2006	22.7		ug/L	2.0	0.98	1	EPA3810, RSK-175
Ethane (2)	04/27/2006	2.0	U	ug/L	2.0	1.00	1	EPA3810, RSK-175
Ethene (2)	04/27/2006	2.0	U	ug/L	2.0	0.37	1	EPA3810, RSK-175

Shaw Environmental NJDEP certified Lab ID 11001.

- (1) Not listed as a Shaw Certified parameters under the NJDEP lab certification program.
- (2) Not available as a certified parameter under the NJDEP lab certification program.
- ( ) no qualification - sample run undiluted
- (U) Compound not detected above method practical quantitation limit.
- (D) Sample analyzed at indicated dilution
- (J) Estimated value above MDL and less than PQL
- (E) Estimated value beyond linear range

000012

**Shaw Environmental**  
**Analytical and Treatability Laboratories**

17 Princess Road  
Lawrenceville, New Jersey 08648  
Tel; 609/895-5370  
Fax: 609/895-1858

**Sample Information**

Lab ID	7277-2	Date Sampled	04/25/2006
Sample ID	MW202D	Date Received	04/26/2006
Matrix	<i>Aqueous</i>		

**Limited Chemistry**

Parameter	Date Analyzed	Concentration	Qual (see below)	Units	PQL	MDL	Dilution Factor	Method Code
Chloride	04/26/2006	236	D	mg/L	5.0	0.67	50	EPA 300.0
Sulfate as SO <sub>4</sub>	04/26/2006	94.5	D	mg/L	5.0	0.94	50	EPA 300.0
Nitrite as N	04/26/2006	0.1	U	mg/L	0.1	0.02	1	EPA 300.0
Phosphate as P, ortho	04/26/2006	0.1	U	mg/L	0.1	0.02	1	EPA 300.0
Nitrate as N	04/26/2006	3.25		mg/L	0.1	0.01	1	EPA 300.0
Methane (2)	04/27/2006	7.39		ug/L	2.0	0.98	1	EPA3810, RSK-175
Ethane (2)	04/27/2006	3.17		ug/L	2.0	1.00	1	EPA3810, RSK-175
Ethene (2)	04/27/2006	0.91	J	ug/L	2.0	0.37	1	EPA3810, RSK-175

Shaw Environmental NJDEP certified Lab ID 11001.

- (1) Not listed as a Shaw Certified parameters under the NJDEP lab certification program.
- (2) Not available as a certified parameter under the NJDEP lab certification program.
- ( ) no qualification - sample run undiluted
- (U) Compound not detected above method practical quantitation limit.
- (D) Sample analyzed at indicated dilution
- (J) Estimated value above MDL and less than PQL
- (E) Estimated value beyond linear range

100015

**Shaw Environmental**  
**Analytical and Treatability Laboratories**

17 Princess Road  
 Lawrenceville, New Jersey 08648  
 Tel; 609/895-5370  
 Fax: 609/895-1858

<b>Sample Information</b>	
Lab ID	7277-3
Sample ID	MW116D
Matrix	Aqueous

<b>Limited Chemistry</b>								
<i>Parameter</i>	<i>Date Analyzed</i>	<i>Concen tration</i>	<i>Qual (see below)</i>	<i>Units</i>	<i>PQL</i>	<i>MDL</i>	<i>Dilution Factor</i>	<i>Method Code</i>
Chloride	04/26/2006	108	D	mg/L	5.0	0.67	50	EPA 300.0
Sulfate as SO4	04/26/2006	45.0	D	mg/L	5.0	0.94	50	EPA 300.0
Nitrite as N	04/26/2006	0.1	U	mg/L	0.1	0.02	1	EPA 300.0
Phosphate as P, ortho	04/26/2006	0.1	U	mg/L	0.1	0.02	1	EPA 300.0
Nitrate as N	04/26/2006	5.08		mg/L	0.1	0.01	1	EPA 300.0
Methane (2)	04/27/2006	5.60		ug/L	2.0	0.98	1	EPA3810, RSK-175
Ethane (2)	04/27/2006	2.0	U	ug/L	2.0	1.00	1	EPA3810, RSK-175
Ethene (2)	04/27/2006	2.0	U	ug/L	2.0	0.37	1	EPA3810, RSK-175

Shaw Environmental NJDEP certified Lab ID 11001.

- (1) Not listed as a Shaw Certified parameters under the NJDEP lab certification program.
- (2) Not available as a certified parameter under the NJDEP lab certification program.
- ( ) no qualification - sample run undiluted
- (U) Compound not detected above method practical quantitation limit.
- (D) Sample analyzed at indicated dilution
- (J) Estimated value above MDL and less than PQL
- (E) Estimated value beyond linear range

### 3.0 QC Summary

000015

Sample Batch: Anions

Lab ID	Analysis date
7277- 1	4/26/2006
7277- 2	4/26/2006
7277- 3	4/26/2006

000016

**Initial Calibration Summary: Anions**

Calibration Standard recoveries:

Initial Calibration Date:		4/6/2006					
Sample:	Std ppm	0.1	0.5	2.0	5.0	20.0	R <sup>2</sup> =
Fluoride		0.0097	0.404	2.230	5.407	19.790	
	%rec	9.7	80.88	111.5	108.14	98.95	0.9994
Chloride		0.1986	0.5756	2.0	4.9	20.0	
	%rec	198.6	115.12	99.4	98	100.15	1.0000
Sulfate		0.0769	0.429	1.804	4.649	19.950	
	%rec	76.9	85.76	90.2	92.98	99.75	0.9998
Nitrite		0.075	0.530	2.256	5.665	19.770	
	%rec	74.8	106	112.8	113.3	98.85	0.9992
Phosphate		0.159	0.533	1.901	4.934	20.000	
	%rec	159.3	106.5	95.05	98.68	100	0.9999
Bromide		0.070	0.433	1.761	5.040	19.930	
	%rec	70.2	86.52	88.05	100.8	99.65	1.0000
Nitrate		0.077	0.453	1.947	4.980	19.980	
	%rec	77.3	90.66	97.35	99.6	99.9	1.0000
Chlorate		0.074	0.407	1.797	4.570	19.850	
	%rec	73.6	81.48	89.85	91.4	99.25	0.9996

QC Check Date: 4/6/2006

Sample:	Std ppm	Obs ppm	% recovery	Control Limits
QC Check-Fluoride	10.0	10.6	105.9	80.0-120.0%
QC Check-Chloride	10.0	9.98	99.8	80.0-120.0%
QC Check-Sulfate	10.0	9.74	97.4	80.0-120.0%
QC Check-Nitrite	10.0	10.69	106.9	80.0-120.0%
QC Check-Phosphate	10.0	9.76	97.6	80.0-120.0%
QC Check-Bromide	10.0	9.94	99.4	80.0-120.0%
QC Check-Nitrate	10.0	9.6	96.0	80.0-120.0%
QC Check-Chlorate	10.0	9.491	94.9	80.0-120.0%

**Method Blank Summary: Anions**

Sample	Date	Concentration	Units	PQL
Blank-Fluoride	12/28/2005	u	ppm	0.2
Blank-Chloride	12/28/2005	u	ppm	0.2
Blank-Sulfate	12/28/2005	u	ppm	0.2
Blank-Nitrite	12/28/2005	u	ppm	0.2
Blank-Phosphate	12/28/2005	u	ppm	0.2
Blank-Bromide	12/28/2005	u	ppm	0.2
Blank-Nitrate	12/28/2005	u	ppm	0.2

000017

### Calibration Verification Summary: Anions

#### Check Standard recoveries:

Sample:	Date	Std ppm	Obs ppm	% recovery
Fluoride check	7/21/2003	10.00	9.8	97.9
			Control Limits: 88-124.5	
Chloride check	7/21/2003	10.00	9.5	95.2
			Control Limits: 76.1-109.9	
Sulfate check	7/21/2003	10.00	9.98	99.8
			Control Limits: 77.9-113.1	
Nitrite check	7/21/2003	10.00	9.69	96.9
			Control Limits: 81.8-128.7	
Phosphate check	7/21/2003	10.00	9.95	99.5
			Control Limits: 73.3-115.7	
Bromide check	7/21/2003	10.00	9.6	95.5
			Control Limits: 65.8-125.9	
Nitrate check	7/21/2003	10.00	9.67	96.7
			Control Limits: 81.1-115.9	
Chlorate check	7/21/2003	10.00	9.67	96.7
			Control Limits: 77.2-109.5	

#### QC Check:

Sample:	Date	Std ppm	Obs ppm	% recovery
QC Check-Fluoride	7/21/2003	25.0	24.8	99.2
QC Check-Chloride	7/21/2003	50	49.1	98.2
QC Check-Sulfate	7/21/2003	15.23	12.7	83.2
QC Check-Nitrite	7/21/2003	50	44.65	89.3
QC Check-Phosphate	7/21/2003	11.3	9.6	84.5
QC Check-Bromide	7/21/2003	16.31	15.8	96.8
QC Check-Nitrate	7/21/2003	50	52.83	105.7

Control Limits: 80.0-120.0%

### Method Blank Summary: Anions

Sample	Date	Concentration	Units	PQL
Blank-Fluoride	7/21/2003	u	ppm	0.2
Blank-Chloride	7/21/2003	u	ppm	0.2
Blank-Sulfate	7/21/2003	u	ppm	0.2
Blank-Nitrite	7/21/2003	u	ppm	0.2
Blank-Phosphate	7/21/2003	u	ppm	0.2
Blank-Bromide	7/21/2003	u	ppm	0.2
Blank-Nitrate	7/21/2003	u	ppm	0.2
Blank-Chlorate	7/21/2003	u	ppm	0.2

u: Compound not detected above Practical Quantitation Limit (PQL).

000018

**Method Duplicates Summary: Anions**

Sample:	Batch MS/MSD	not done this batch			Units
		Date	MS Result	MSD Result	
Fluoride MS/MSD	7/21/2003	47.8	47.2	mg/L	% Max RPD= 13.1%
			% RPD= 1.3%		
Chloride MS/MSD	7/21/2003	104.7	103.7	mg/L	% Max RPD= 9.0%
			% RPD= 1.0%		
Sulfate MS/MSD	7/21/2003	94.2	94.3	mg/L	% Max RPD= 15.3%
			% RPD= 0.1%		
Nitrite MS/MSD	7/21/2003	47.1	47.3	mg/L	% Max RPD= 7.9%
			% RPD= 0.4%		
Phosphate MS/MSD	7/21/2003	47.0	48.2	mg/L	% Max RPD= 23.6%
			% RPD= 2.5%		
Bromide MS/MSD	7/21/2003	46.1	44.4	mg/L	% Max RPD= 22.4%
			% RPD= 3.8%		
Nitrate MS/MSD	7/21/2003	46.2	46.3	mg/L	% Max RPD= 10.9%
			% RPD= 0.2%		
Chlorate MS/MSD	7/21/2003	46.2	46.3	mg/L	% Max RPD= 16.7%
			% RPD= 0.2%		

**Method Spike Summary: Anions**

Sample:	Batch MS/MSD	not done this batch			Control Limits
		Date	MS Recovery	MSD Recovery	
Fluoride MS/MSD	7/21/2003	239.1%	236.0%	81.1-138%	
Chloride MS/MSD	7/21/2003	523.5%	518.5%	71.9-121.4%	
Sulfate MS/MSD	7/21/2003	471.0%	471.5%	63.2-127	
Nitrite MS/MSD	7/21/2003	235.5%	236.5%	74.9-132.2	
Phosphate MS/MSD	7/21/2003	235.0%	241.0%	65.5-133.4%	
Bromide MS/MSD	7/21/2003	230.5%	222.0%	66.4-134	
Nitrate MS/MSD	7/21/2003	231.0%	231.5%	82.5-120.8	
Chlorate MS/MSD	7/21/2003	231.0%	231.5%	62.6-139	

000019

**Sample Batch: MEEP**

Lab ID	Analysis date(s)	Lab ID	Analysis date
7277- 1	4/27/2006		
7277- 2	4/27/2006		
7277- 3	4/27/2006		

**Method Blank Summary: MEEP**

Sample	Date	Concentration	Units	PQL
Blank-Methane	4/27/2006	u	ppmv	10.0
Blank-Ethane	4/27/2006	u	ppmv	10.0
Blank-Ethene	4/27/2006	u	ppmv	10.0
Blank-Propane	4/27/2006	u	ppmv	10.0

u: Compound not detected above Practical Quantitation Limit (PQL).

000020

## Initial Calibration Summary: MEEP

### Calibration Standard recoveries:

		Initial Calibration Date: 2/13/2006					
Sample:	Std ppmv	10	20	50.0	100.0	200.0	R <sup>2</sup> =
Methane		7.76	21.57	50.2	99.5	192.2	
%rec		77.6	107.85	100.42	99.46	96.085	0.99986
Ethane		8.94	22.19	51.6	105.7	194352.0	
%rec		89.4	110.95	103.22	105.73	97176	0.99703
Ethene		7.71	19.55	47.61	102.15	200.07	
%rec		77.09	97.75	95.22	102.15	100.035	0.99959
Propane		9.32	23.05	51.79	107.26	194.03	
%rec		93.22	115.25	103.58	107.26	97.015	0.99651

### QC Check Date: 2/13/2006

Sample:	Std ppm-v	obs ppm-v	% recovery	Control Limits
QC Check-Methane	75	80.1	106.7%	80-120%
QC Check-Ethane	75	80.7	107.6%	80-120%
QC Check-Ethene	75	74.2	98.9%	80-120%
QC Check-Propane	75	79.9	106.6%	80-120%

## Method Blank Summary: MEEP

Sample	Date	Concentration	Units	PQL
Blank-Methane	2/13/2006	u	ppm-v	10.0
Blank-Ethane	2/13/2006	u	ppm-v	10.0
Blank-Ethene	2/13/2006	u	ppm-v	10.0
Blank-Propane	2/13/2006	u	ppm-v	10.0

u: Compound not detected above Practical Quantitation Limit (PQL).

000021

**Calibration Verification Summary: MEEP****Check Standard recoveries:**

Sample:	Date	Std ppmv	Obs ppmv	% recovery
Methane check	04/27/06	100.0	98.6 Control Limits: 75.5-128.6	98.6
Ethane check	04/27/06	100.0	107.2 Control Limits: 71.9-133.1	107.2
Ethene check	04/27/06	100.0	103.5 Control Limits: 68.7-120	103.5
Propne check	04/27/06	100.0	110.2 Control Limits: 64.6-126.9	110.2
Methane check	04/27/06	50.0	48.3 Control Limits: 75.5-128.6	96.6
Ethane check	04/27/06	50.0	55.4 Control Limits: 71.9-133.1	110.8
Ethene check	04/27/06	50.0	48.7 Control Limits: 68.7-120	97.3
Propne check	04/27/06	0.0	52.4 Control Limits: 64.6-126.9	#DIV/0!

000022

**Method Duplicates Summary: MEEP**

Sample:	7273-3			
	Date	Result (ug/L)	Dup Result	Units
Methane	04/27/06	307.50	247.60	mg/L
		% RPD=	21.6%	% Max RPD=
Ethane	04/27/06	0.00	0.00	mg/L
		% RPD=	NA	% Max RPD=
Ethene	04/27/06	66.29	52.90	mg/L
		% RPD=	22.5%	% Max RPD=
Propane	04/27/06	0.00	0.00	mg/L
		% RPD=	NA	% Max RPD=

**Method Spike Summary: MEEP**

Sample:75ppmv	sample conc ppmv	MS conc	MS Recovery	Control Limits	Spike conc
Methane MS/MSD	0.0	72.49	96.7%	70.6-144.9%	75.0
Ethane MS/MSD	0.0	83.67	111.6%	67.1-144.3%	75.0
Ethene MS/MSD	0.0	78.36	104.5%	61.8-127.4%	75.0
Propane MS/MSD	0.0	80.23	107.0%	61.3-138.2%	75.0



2844 Sheffield Street Minneapolis, MN 55429 Ph: 612-829-8400 Fax: 612-829-8882

## ANALYTICAL RESULTS SUMMARY

PROJECT NAME: Trexton Providence

SHAW E & I  
17 PRINCESS RD  
LAWRENCEVILLE, NJ 08648  
6098955340

CHEMTECH PROJECT NO.  
ATTENTION:

X2566  
Randi Rothmel

***Chemtech Consulting Group*****Hit Summary Sheet  
SW-846**SDG No.: **X2566**Order ID: **X2566**Client: **Shaw E & I**Project ID: **Trexton Providence**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	<b>7277-1</b>							
X2566-01	7277-1	WATER	Iron	2190		100	30.0	ug/L
X2566-01	7277-1	WATER	Manganese	828		15.0	0.11	ug/L
Client ID:	<b>7277-2</b>							
X2566-02	7277-2	WATER	Iron	3050		100	30.0	ug/L
X2566-02	7277-2	WATER	Manganese	2120		15.0	0.11	ug/L
Client ID:	<b>7277-3</b>							
X2566-03	7277-3	WATER	Iron	4690		100	30.0	ug/L
X2566-03	7277-3	WATER	Manganese	133		15.0	0.11	ug/L

***Chemtech Consulting Group*****Hit Summary Sheet  
SW-846**SDG No.: **X2566**Order ID: **X2566**Client: **Shaw E & I**Project ID: **Trexton Providence**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
	<b>Client ID:</b> <b>7277-1</b>							
X2566-04	7277-1	WATER	Manganese	591		15.0	0.11	ug/L
	<b>Client ID:</b> <b>7277-2</b>							
X2566-05	7277-2	WATER	Manganese	1820		15.0	0.11	ug/L
	<b>Client ID:</b> <b>7277-3</b>							
X2566-06	7277-3	WATER	Iron	144		100	30.0	ug/L
X2566-06	7277-3	WATER	Manganese	77.5		15.0	0.11	ug/L



284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

## DATA PACKAGE FOR METALS

PROJECT NAME: Trexton Providence

SHAW E & I  
17 PRINCESS RD  
LAWRENCEVILLE, NJ 08648  
6098955340

CHEMTECH PROJECT NO.  
ATTENTION:

X2566

Randi Rothmel

**CHEMTECH**

284 Sheffield Street Mountainside NJ 07092

Tel. 908-789-8900

# **COVER PAGE**

**COVER PAGE**

ProjectID: Trenton Providence

**OrderID** X2566**CustomerName:** Shaw E & I**LAB SAMPLE NO.**

X2566-01	7277-1
X2566-02	7277-2
X2566-03	7277-3
X2566-04	7277-1
X2566-05	7277-2
X2566-06	7277-3

**CLIENT SAMPLE NO**

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Reyes Name: Mildred V Reyes  
Date: 5/15/06 Title: QA/LOC

# CHEMTECH

## QA/QC DELIVERABLES CHECKLIST

Project Number: X2566

THIS FORM HAS BEEN COMPLETED BY CHEMTECH LABORATORY AND ACCOMPANIES ALL DATA DELIVERABLES PACKAGES.

The following laboratory deliverables are included in this analytical report. Any deviations from the accepted methodology and procedures, or performance values outside acceptable ranges are summarized in the Non-Conformance Summary.

		Yes	NA
I.	Report Cover Page, Laboratory Certification and Field Sample to Lab Sample ID Cross Reference	✓	
II.	Table of Contents	✓	
III.	Chain of Custody Documents	✓	
IV.	Methodology Summaries	✓	
V.	Laboratory Chronicle and Hold Time Checks	✓	
VI.	Non-Conformance Summary	✓	
VII.	Tabulated Analytical Results	✓	
VIII.	Initial and Continuing Calibration Information	✓	
IX.	Tune and Internal Standard Area Summaries (GC/MS)	✓	✓
X.	Quality Control Summary Reports	✓	
XI.	Surrogate Recovery Summary	✓	✓
XII.	Raw Data Chromatogram, Blank, Samples and QC when applicable	✓	
XIII.	Subcontract Data	✓	✓

Zh.Rohani

QA/QC Data Reviewer

05/15/06

Date

110 Route 4  
Englewood, NJ 07631  
Phone: 201.568.7400 Fax: 201.567.3231

284 Sheffield Street  
Mountainside, NJ 07092  
Tel 908.789.8900 Fax: 908.789.8922

NYSDOH Certification No. 10624

NYSDOH Certification No. 11376  
NJDEP Certification No. 20012

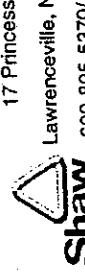
**TABLE OF CONTENTS  
PROJECT NUMBER: X2566RQ**

	<b>PAGE</b>
<b>COVER PAGE</b>	<b>02</b>
<b>CHAIN OF CUSTODY</b>	<b>06</b>
<b>METHODOLOGY REVIEW &amp; LABORATORY CHRONICLE</b>	<b>15</b>
<b>CONFORMANCE / NON - CONFORMANCE SUMMARY</b>	<b>17</b>
<b>METALS ANALYSIS</b>	
TABULATED ANALYTICAL RESULTS SUMMARY	19
QUALITY CONTROL SUMMARY REPORTS	26
<b>TOTAL NUMBER OF PAGES</b>	<b>37</b>

**CHEMTECH**

284 Sheffield Street Mountainside NJ 07042  
Tel. 908-789-8900

# **CHAIN OF CUSTODY RECORD**



17 Princess Rd  
Lawrenceville, NJ 08648  
609-895-5370/609-895-1858

**Shaw Environmental and Infrastructure Inc.**

## CHAIN OF CUSTODY

X-240  
Ref. Document # 1019100 /  
Page 1 of 1

Project Contact:		(Name & phone #)		Shipment Date:		Waybill/Airbill Number:		Lab Destination:		Purchase Order #:		Turn Around Time Requested			
Send Report To:		Rand, Rethne						Chentech		87235					
Phone/Fax Number:															
Address:		(as above)													
City/State:															
Collection Information															
Sample ID Number	Sample Description	Date	Time	G/C	Matrix	# of Containers	Type	HCl	NaOH	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	ICP	Preservative		
4, 1	72777-1	4/25/04	1145	A	2	125	X	X	X	X	X	Std			
5, 2	72777-2		1245				X								
6, 3	72777-3		1350				X								
Known Waste Stream Circle:															
RCRRA	PCB/oil	PAH/oil	RAD	Corrosive	Flammable	Reactive	G/C Codes								
QC/Data Package Level Required:	I	IV	NU EDD	GIS EDD	Preliminary data		C = Composite	G = Grab	QC Package Codes						
Received By:	J. Cat		A7		4/27/04		Date: 4/27/04		Time: 12:00		Level I = data summary				
Relinquished By:	R. C. P. J. Cat		Received By: J. Cat		Date: 4/27/04		Time: 12:00		Date: 4/27/04		Time: 12:00				
7	J. Cat		Received By: J. Cat		Date: 4/27/04		Time: 16:00		Date: 4/27/04		Time: 16:00				
Cooler temperature upon arrival at Lab: <u>40°C (on ice)</u>															

**Tim Rutka**

**From:** Rothmel, Randi [Randi.Rothmel@shawgrp.com]  
**Sent:** Friday, April 28, 2006 11:57 AM  
**To:** Tim Rutka  
**Subject:** RE: X2566 Trexton Providence : samples

Tim-

If possible please add nitric acid to this to overcome the pH issue and analyze the samples. Just note on report that incorrect preservative was put in original sampling bottles and correction made at Chemtech.

Thanks

**Randi K Rothmel**  
Analytical Laboratory Director  
Shaw Environmental & Infrastructure, Inc.  
17 Princess Rd  
Lawrenceville, NJ 08648  
609.895.5370 - direct  
609.895.5340 - receptionist  
609.895.1858 - fax  
[www.shawgrp.com](http://www.shawgrp.com)

---

**From:** Tim Rutka [mailto:[Tim@Chemtech.net](mailto:Tim@Chemtech.net)]  
**Sent:** Friday, April 28, 2006 11:50 AM  
**To:** Rothmel, Randi  
**Subject:** X2566 Trexton Providence : samples

Randi,

There is a problem with the Trexton samples. The COC says the samples are preserved with HNO<sub>3</sub>. The bottle labels say NaOH. pH confirmation shows the pH of all samples to be about 12.

Please advise if we should analyze these samples.

Thanks,

Tim

-----Original Message-----

**From:** Rothmel, Randi [mailto:[Randi.Rothmel@shawgrp.com](mailto:Randi.Rothmel@shawgrp.com)]  
**Sent:** Thursday, April 27, 2006 11:39 AM  
**To:** Tim Rutka  
**Subject:** RE: samples

They did not specify but they probably need a Level II report

**Randi K Rothmel**  
Analytical Laboratory Director  
Shaw Environmental & Infrastructure, Inc.  
17 Princess Rd  
Lawrenceville, NJ 08648  
609.895.5370 - direct  
609.895.5340 - receptionist  
609.895.1858 - fax  
[www.shawgrp.com](http://www.shawgrp.com)

---

**From:** Tim Rutka [mailto:[Tim@Chemtech.net](mailto:Tim@Chemtech.net)]  
**Sent:** Thursday, April 27, 2006 10:51 AM  
**To:** Rothmel, Randi  
**Subject:** RE: samples

OK, thanks. What report type will you need for Trexton?

Thanks,

Tim

-----Original Message-----

**From:** Rothmel, Randi [mailto:[Randi.Rothmel@shawgrp.com](mailto:Randi.Rothmel@shawgrp.com)]  
**Sent:** Thursday, April 27, 2006 10:47 AM  
**To:** Tim Rutka  
**Subject:** samples

Tim-

Along with Corrine's Lipari samples I am sending a set of 20+ samples for the Aerojet project - dissolved Mn and Fe. As well I am sending three samples on a new project - for dissolved and total Fe and Mn.

**Randi Rothmel**

Analytical Laboratory Director  
Shaw Environmental & Infrastructure, Inc.  
17 Princess Rd  
Lawrenceville, NJ 08648  
609.895.5370 - direct  
609.895.5340 - receptionist  
609.895.1858 - fax  
[www.shawgrp.com](http://www.shawgrp.com)

---

\*\*\*\*\*  
\*\*\*\*\*  
**Internet Email Confidentiality**  
**Footer**\*\*\*\*\*

**Privileged/Confidential Information may be contained in this message.**  
**If you are not the addressee indicated in this message (or responsible for delivery of the message to such person), you may not copy or deliver this message to anyone. In such case, you should destroy this message and notify the sender by reply email. Please advise immediately if you or your employer do not consent to Internet email for messages of this kind. Opinions, conclusions and other information in this message that do not relate to the official business of The Shaw Group Inc. or its subsidiaries shall be understood as neither given nor endorsed by it.**

---

**The Shaw Group Inc.**  
<http://www.shawgrp.com>

---

\*\*\*\*\***Internet Email Confidentiality**  
**Footer\*\*\*\*\***

**Privileged/Confidential Information may be contained in this message.**  
**If you are not the addressee indicated in this message (or responsible for delivery of the message to such person), you may not copy or deliver this message to anyone. In such case, you should destroy this message and notify the sender by reply email. Please advise immediately if you or your employer do not consent to Internet email for messages of this kind. Opinions, conclusions and other information in this message that do not relate to the official business of The Shaw Group Inc. or its subsidiaries shall be understood as neither given nor endorsed by it.**

---

**The Shaw Group Inc.**  
**<http://www.shawgrp.com>**

---

\*\*\*\*\***Internet Email Confidentiality**  
**Footer\*\*\*\*\***

**Privileged/Confidential Information may be contained in this message.**  
**If you are not the addressee indicated in this message (or responsible for delivery of the message to such person), you may not copy or deliver this message to anyone. In such case, you should destroy this message and notify the sender by reply email. Please advise immediately if you or your employer do not consent to Internet email for messages of this kind. Opinions, conclusions and other information in this message that do not relate to the official business of The Shaw Group Inc. or its subsidiaries shall be understood as neither given nor endorsed by**

it.

---

**The Shaw Group Inc.**  
<http://www.shawgrp.com>



284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

## Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Arizona	AZ0653
Connecticut	PH-0649
Florida	E87935
Kansas	E-10355
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
North Carolina	630
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following "Results Qualifiers" are used:

- B** If the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
- U** If the analyte was analyzed for, but not detected.
- E** The reported value is estimated because of the presence of interference.
- M** Duplicate injection precision not met.
- N** Spiked sample recovery not within control limits.
- S** The reported value was determined by the Method of Standard Addition (MSA).
- W** Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while absorbance is less than 50% of spike absorbance.
- \* Duplicate analysis not within control limits.
- + Correlation coefficient for the MSA is less than 0.995.
- \*\*\* Entering "S", "W" or "+" is mutually exclusive. NO combination of these qualifiers can appear in the same field for an analyte.
- M** Method qualifiers
  - "P" for ICP instrument
  - "A" for Flame AA
  - "PM" for ICP when Microwave Digestion is used
  - "AM" for flame AA when Microwave Digestion is used
  - "FM" for furnace AA when Microwave Digestion is used
  - "CV" for Manual Cold Vapor AA
  - "AV" for automated Cold Vapor AA
  - "CA" for MIDI-Distillation Spectrophotometric
  - "AS" for Semi -Automated Spectrophotometric
  - "C" for Manual Spectrophotometric
  - "T" for Titrimetric
  - "NR" for analyte not required to be analyzed

**APPENDIX A****QA REVIEW GENERAL DOCUMENTATION**Project #: X2566

Completed

For thorough review, the report must have the following:

**GENERAL:**

Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)

Check chain-of-custody for proper relinquish/return of samples

Is the chain of custody signed and complete

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

Collect information for each project id from server. Were all requirements followed

**COVER PAGE:**

Do numbers of samples correspond to the number of samples in the Chain of Custody and on login page

Do lab numbers and client Ids on cover page agree with the Chain of Custody

**CHAIN OF CUSTODY:**

Do requested analyses on Chain of Custody agree with form I results

Do requested analyses on Chain of Custody agree with the log-in page

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

Were the samples received within hold time

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

**ANALYTICAL:**

Was method requirement followed?

Was client requirement followed?

Does the case narrative summarize all QC failure?

---

1<sup>st</sup> Level QA Review Signature: Z. Rohani Date: 05/15/06

2<sup>nd</sup> Level QA Review Signature: Mildeed V Reyes Date: 5/15/06

**CHEMTECH**

284 Sheffield Street Mountainside, NJ 07092  
Tel: 908-789-8900

**METHODOLOGY  
REVIEW  
&  
LABORATORY  
CHRONICLE**



## Lab Chronicle

Order ID:  
Client:  
Contact:

X2566  
Shaw E & I  
Randi Rothmel

Order Date:  
Project:  
Location

Lab ID	Client ID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
X2566-01	7277-1	WATER	Metals Group3	6010	04/25/06	05/01/06	05/04/06	04/27/06
X2566-02	7277-2	WATER	Metals Group3	6010	04/25/06	05/01/06	05/04/06	04/27/06
X2566-03	7277-3	WATER	Metals Group3	6010	04/25/06	05/01/06	05/04/06	04/27/06
X2566-04	7277-1	WATER	Dissolved ICP-Group Metals	6010	04/25/06	05/01/06	05/04/06	04/27/06
X2566-05	7277-2	WATER	Dissolved ICP-Group Metals	6010	04/25/06	05/01/06	05/04/06	04/27/06
X2566-06	7277-3	WATER	Dissolved ICP-Group Metals	6010	04/25/06	05/01/06	05/04/06	04/27/06

**CHEMTECH**

284 Sheffield Street Mountainside NJ 07042  
Tel. 908-789-8900

# **CONFORMANCE/ NON- CONFORMANCE SUMMARY**

**CHEMTECH** 284 Sheffield Street, Mountainside New Jersey 07092  
NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

**METALS CONFORMANCE/NON-CONFORMANCE SUMMARY**

CHEMTECH PROJECT NUMBER: X2566

MATRIX: Water

METHOD: 6010

- |   | NA | NO | YES |
|---|----|----|-----|
| 1. Calibration Summary met criteria.  |    |    | ✓   |
| 2. ICP Interference Check Sample Results Summary Submitted.   |    |    | ✓   |
| 3. Serial Dilution Summary (if applicable) Submitted.<br><br>The Serial Dilution met the acceptable requirements except for Manganese.  |    |    | ✓   |
| 4. Laboratory Control Sample Summary (if applicable) Submitted.   |    |    | ✓   |
| 5. Blank Contamination - If yes, list compounds and concentrations in each blank:   |    |    | ✓   |
| 6. Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br><br>The Matrix Spike analysis met criteria for all samples except for Manganese. The Matrix Spike Duplicate analysis met criteria for all samples except for Manganese. |    |    | ✓   |
| 7. Sample Duplicate Analysis Met QC Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.  |    |    | ✓   |
| 8. Digestion Holding Time Met<br><br>If not met, list number of days exceeded for each sample:  |    |    | ✓   |
| 9. Analysis Holding Time Met<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.  |    |    | ✓   |

ADDITIONAL COMMENTS:

Zh.Rohani  
QA REVIEW

Date

05/15/06

**CHEMTECH**

## **TABULATED ANALYTICAL RESULTS**

### **METALS ANALYSIS**



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

### Report of Analysis

Client:	Shaw E & I	Date Collected:	4/25/2006
Project:	Trexton Providence	Date Received:	4/27/2006
Client Sample ID:	7277-1	SDG No.:	X2566
Lab Sample ID:	X2566-01	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7439-89-6	Iron	2190		ug/L	30.0	1	5/1/2006	5/4/2006	EPA SW-846 6010
7439-96-5	Manganese	828	NE	ug/L	0.11	1	5/1/2006	5/4/2006	EPA SW-846 6010

Comments:

U = Not Detected

DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Spiked sample recovery not within control limit



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

## Report of Analysis

Client:	Shaw E & I	Date Collected:	4/25/2006
Project:	Trexton Providence	Date Received:	4/27/2006
Client Sample ID:	7277-2	SDG No.:	X2566
Lab Sample ID:	X2566-02	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7439-89-6	Iron	3050		ug/L	30.0	1	5/1/2006	5/4/2006	EPA SW-846 6010
7439-96-5	Manganese	2120	NE	ug/L	0.11	1	5/1/2006	5/4/2006	EPA SW-846 6010

Comments:

---

---

U = Not Detected

DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Spiked sample recovery not within control limit

21



284 Sheffield Street, Mountainside, NJ 07042 Phone: 908-789-8900 Fax: 908-789-8922

### Report of Analysis

Client:	Shaw E & I	Date Collected:	4/25/2006
Project:	Trexton Providence	Date Received:	4/27/2006
Client Sample ID:	7277-3	SDG No.:	X2566
Lab Sample ID:	X2566-03	Matrix:	WATER
% Solids:	0.00		

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7439-89-6	Iron	4690		ug/L	30.0	1	5/1/2006	5/4/2006	EPA SW-846 6010
7439-96-5	Manganese	133	NE	ug/L	0.11	1	5/1/2006	5/4/2006	EPA SW-846 6010

Comments:

---

---

U = Not Detected

DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Spiked sample recovery not within control limit



284 Sheffield Street, Mountainside, NJ 07042 Phone: 908-789-8900 Fax: 908-789-8922

### Report of Analysis

Client:	Shaw E & I	Date Collected:	4/25/2006
Project:	Trexton Providence	Date Received:	4/27/2006
Client Sample ID:	7277-1	SDG No.:	X2566
Lab Sample ID:	X2566-04	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7439-89-6	Iron	30.0	U	ug/L	30.0	1	5/1/2006	5/4/2006	EPA SW-846 6010
7439-96-5	Manganese	591	NE	ug/L	0.11	1	5/1/2006	5/4/2006	EPA SW-846 6010

Comments:

---

---

U = Not Detected

DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Spiked sample recovery not within control limits



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

### Report of Analysis

Client:	Shaw E & I	Date Collected:	4/25/2006
Project:	Trexton Providence	Date Received:	4/27/2006
Client Sample ID:	7277-2	SDG No.:	X2566
Lab Sample ID:	X2566-05	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7439-89-6	Iron	30.0	U	ug/L	30.0	1	5/1/2006	5/4/2006	EPA SW-846 6010
7439-96-5	Manganese	1820	NE	ug/L	0.11	1	5/1/2006	5/4/2006	EPA SW-846 6010

Comments:

---

---

U = Not Detected

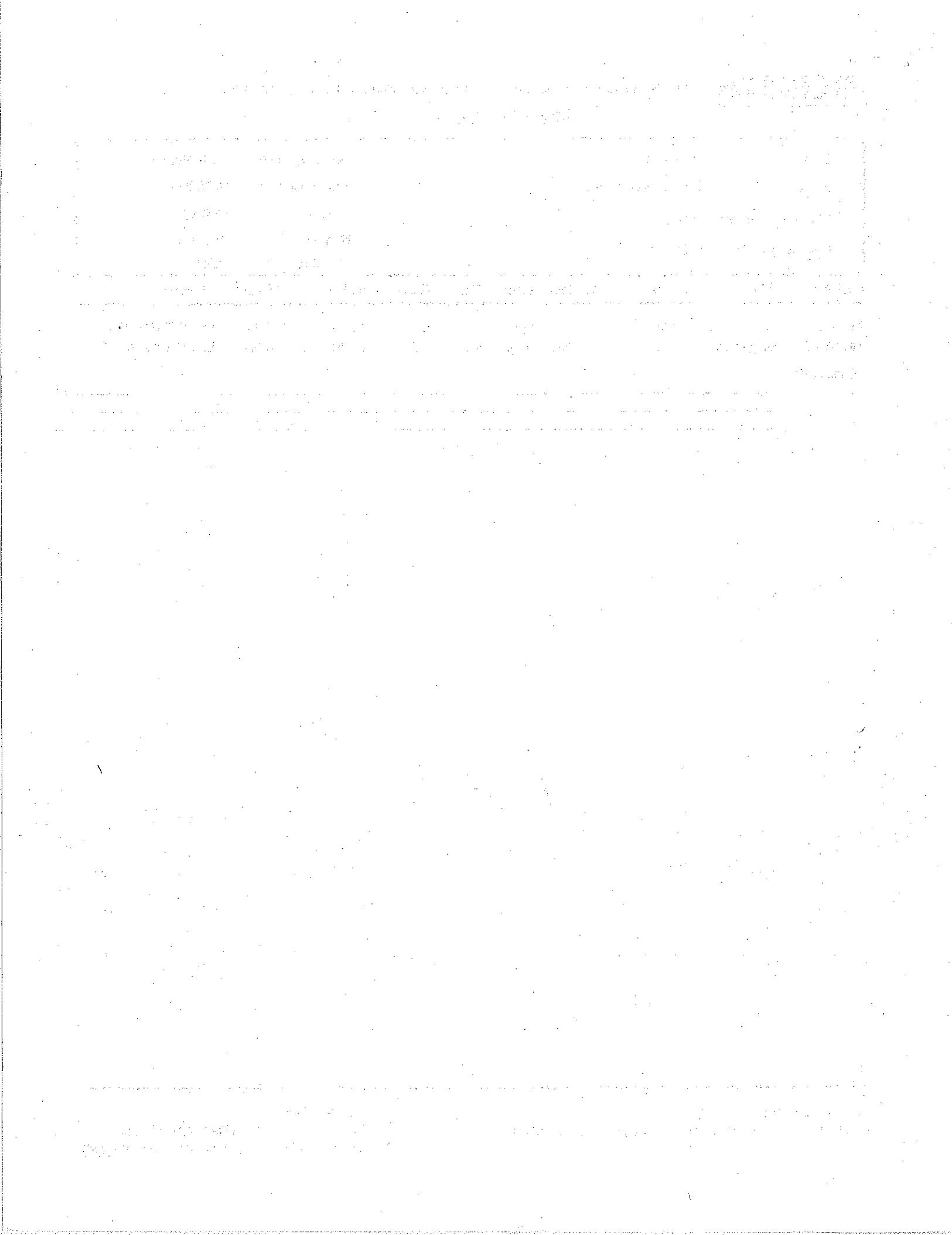
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value

B = Analyte Found In Associated Method Blank

N = Spiked sample recovery not within control limit

24



**CHEMTECH**

**QUALITY CONTROL SUMMARY REPORTS  
METALS ANALYSIS**

26  
*Am*

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Shaw E & I

**SDG No.:** X2566

**Contract:** Shaw E & I

**Lab Code:** CHEMED

**Case No.:** X2566

**SAS No.:** X2566

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
<b>ICB01</b>										
	Iron	-91.3	+/-100.0	J	30.0	100.0	P	5/4/2006	09:37	P2050406
	Manganese	-0.4	+/-15.0	J	0.1	15.0	P	5/4/2006	09:37	P2050406
<b>CCB01</b>										
	Iron	-37.2	+/-100.0	J	30.0	100.0	P	5/4/2006	10:43	P2050406
	Manganese	0.1	+/-15.0	U	0.1	15.0	P	5/4/2006	10:43	P2050406
<b>CCB02</b>										
	Iron	53.8	+/-100.0	J	30.0	100.0	P	5/4/2006	11:50	P2050406
	Manganese	0.2	+/-15.0	J	0.1	15.0	P	5/4/2006	11:50	P2050406
<b>CCB03</b>										
	Iron	51.4	+/-100.0	J	30.0	100.0	P	5/4/2006	12:38	P2050406
	Manganese	6.5	+/-15.0	J	0.1	15.0	P	5/4/2006	12:38	P2050406
<b>CCB04</b>										
	Iron	56.1	+/-100.0	J	30.0	100.0	P	5/4/2006	13:47	P2050406
	Manganese	6.5	+/-15.0	J	0.1	15.0	P	5/4/2006	13:47	P2050406
<b>CCB05</b>										
	Iron	42.7	+/-100.0	J	30.0	100.0	P	5/4/2006	14:25	P2050406
	Manganese	9.7	+/-15.0	J	0.1	15.0	P	5/4/2006	14:25	P2050406
<b>CCB06</b>										
	Iron	-49.1	+/-100.0	J	30.0	100.0	P	5/4/2006	15:52	P2050406
	Manganese	3.5	+/-15.0	J	0.1	15.0	P	5/4/2006	15:52	P2050406

**Metals**

- 5a -

**MATRIX SPIKE SUMMARY**

Client: <u>Shaw E &amp; I</u>	Level: <u>LOW</u>	SDG No.: <u>X2566</u>
Contract: <u>Shaw E &amp; I</u>	Lab Code: <u>CHEMED</u>	Case No.: <u>X2566</u> SAS No.: <u>X2566</u>
Matrix: <u>WATER</u>	Sample ID: <u>X2514-05</u>	Client ID: <u>88EWNE-6S</u>
Percent Solids for Sample: 0.00	Spiked ID: X2514-05S	Percent Solids for Spike Sample: 0.00

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	80 - 120	2856.9600		29.9730	U	3000.00	95.2		P
Manganese	ug/L	80 - 120	311.7500		162.3500		200.00	74.7	N	P

**Metals**

- 5a -

**MATRIX SPIKE DUPLICATE SUMMARY**

Client: <u>Shaw E &amp; I</u>	Level: <u>LOW</u>	SDG No.: <u>X2566</u>
Contract: <u>Shaw E &amp; I</u>	Lab Code: <u>CHEMED</u>	Case No.: <u>X2566</u> SAS No.: <u>X2566</u>
Matrix: <u>WATER</u>	Sample ID: <u>X2514-05</u>	Client ID: <u>88EWNE-6SD</u>
Percent Solids for Sample: 0.00	Spiked ID: <u>X2514-05SD</u>	Percent Solids for Spike Sample: 0.00

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	80 - 120	2881.3400		29.9730	U	3000.00	96.0		P
Manganese	ug/L	80 - 120	311.1500		162.3500		200.00	74.4	N	P

**Metals**

- 5b -

**POST DIGEST SPIKE SUMMARY**

Client: Shaw E & I

SDG No.: X2566

Contract: Shaw E & I

Lab Code: CHEMED

Case No.: X2566

SAS No.: X2566

Matrix: WATER

Level: LOW

Client ID: 88EWNE-6A

Sample ID: X2514-05

Spiked ID: X2514-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Manganese	ug/L	75 - 125	310.19		162.35		200.0	73.9		P

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

Client: <u>Shaw E &amp; I</u>	Level: <u>LOW</u>	SDG No.: <u>X2566</u>							
Contract: <u>Shaw E &amp; I</u>	Lab Code: <u>CHEMED</u>	Case No.: <u>X2566</u> SAS No.: <u>X2566</u>							
Matrix: <u>WATER</u>	Sample ID: <u>X2514-05</u>	Client ID: <u>88EWNE-6D</u>							
Percent Solids for Sample: 0.00	Duplicate ID: X2514-05D	Percent Solids for Duplicate: 0.00							
Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L		29.9730	U	29.9730	U		P	
Manganese	ug/L		162.3500		162.9200		0.4	P	

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

Client: <u>Shaw E &amp; I</u>	Level: <u>LOW</u>	SDG No.: <u>X2566</u>
Contract: <u>Shaw E &amp; I</u>	Lab Code: <u>CHEMED</u>	Case No.: <u>X2566</u> SAS No.: <u>X2566</u>
Matrix: <u>WATER</u>	Sample ID: <u>X2514-05S</u>	Client ID: <u>88EWNE-6SD</u>

Percent Solids for Sample: 0.00		Duplicate ID: X2514-05SD	Percent Solids for Duplicate: 0.00						
Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L		2856.9600		2881.3400		0.8	P	
Manganese	ug/L		311.7500		311.1500		0.2	P	

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Shaw E & I

**SDG No.:** X2566

**Contract:** Shaw E & I

**Lab Code:** CHEMED

**Case No.:** X2566

**SAS No.:** X2566

**Aqueous LCS Source:** EPA-ICV

**Solid LCS Source:**

<b>Sample ID</b>	<b>Analyte</b>	<b>Units</b>	<b>True Value</b>	<b>Result</b>	<b>C</b>	<b>% Recovery</b>	<b>Acceptance Limits</b>	<b>M</b>
<b>PB11554BS</b>								
	Iron	ug/L	3000.0	2927.78		97.6	80.0 - 120.0	P
	Manganese	ug/L	200.0	186.76		93.4	80.0 - 120.0	P

**Metals**

- 9 -

**SERIAL DILUTION SAMPLE SUMMARY**

Client: <u>Shaw E &amp; I</u>	SDG No.: <u>X2566</u>		
Contract: <u>Shaw E &amp; I</u>	Lab Code: <u>CHEMED</u>	Case No.: <u>X2566</u>	SAS No.: <u>X2566</u>
Matrix: <u>WATER</u>	Level: <u>LOW</u>	Client ID: <u>88EWNE-6L</u>	
Sample ID: <u>X2514-05</u>		Serial Dilution ID: <u>X2514-05L</u>	

Analyte	Initial Result ug/L	C	Serial Result ug/L	C	% Difference	Qual	Acceptance Limits	M
Iron	29.97	U	29.97	U			10.00 %	P
Manganese	162.35		191.15		17.7	E	10.00 %	P

## Metals

14

## ANALYSIS RUN LOG

Client: Shaw E &amp; I

Contract: Shaw E &amp; I

Lab Code: CHEMED

Case No.: X2566

SAS No.: X2566 SDG No.: X2566

Instrument ID Number: P2

Method: P Run Number: P2050406

Start Date: 5/4/2006

End Date: 5/4/2006

EPA Sample No.	D/F	Time	% R	Analytes																			
				A L	S B	A S	B A	B E	C D	C A	C R	C O	F U	P B	M G	M G	H N	N G	K I	S E	A G	N A	T L
S0	1.00	0906												X		X							
S1	1.00	0911													X		X						
S2	1.00	0914													X		X						
S3	1.00	0917													X		X						
S4	1.00	0920													X		X						
S5	1.00	0923													X		X						
ICV01	1.00	0934													X		X						
ICB01	1.00	0937													X		X						
CRI01	1.00	0940													X		X						
ICS-A01	1.00	1006													X		X						
ICS-AB01	1.00	1014													X		X						
ZZZZZZ	1.00	1016																					
CCV01	1.00	1041														X		X					
CCB01	1.00	1043														X		X					
ZZZZZZ	1.00	1049																					
PB11554BL	1.00	1051															X		X				
ZZZZZZ	1.00	1109																					
PB11554BS	1.00	1111															X		X				
ZZZZZZ	1.00	1115																					
ZZZZZZ	1.00	1117																					
ZZZZZZ	1.00	1120																					
ZZZZZZ	1.00	1122																					
ZZZZZZ	1.00	1124																					
ZZZZZZ	1.00	1126																					
CCV02	1.00	1131														X		X					
CCB02	1.00	1150														X		X					
ZZZZZZ	1.00	1153																					
ZZZZZZ	1.00	1154																					
ZZZZZZ	1.00	1157																					
ZZZZZZ	1.00	1159																					
ZZZZZZ	1.00	1201																					
ZZZZZZ	5.00	1203																					
ZZZZZZ	1.00	1205																					
ZZZZZZ	1.00	1207																					
ZZZZZZ	1.00	1209																					
ZZZZZZ	1.00	1211																					

## Metals

14

## ANALYSIS RUN LOG

Client: Shaw E &amp; I

Contract: Shaw E &amp; I

Lab Code: CHEMED

Case No.: X2566

SAS No.: X2566 SDG No.: X2566

Instrument ID Number:

P2

Method: P

Run Number: P2050406

Start Date: 5/4/2006

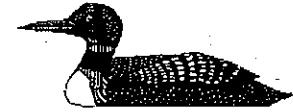
End Date: 5/4/2006

EPA Sample No.	D/F	Time	% R	Analytes																					
				A L	S B	A S	B A	B E	C D	C A	C R	C O	F U	P B	M G	M G	H N	N G	K I	S E	A G	N G	T I	V E	Z G
CCV03	1.00	1232															X		X						
CCB03	1.00	1238															X		X						
ZZZZZZ	1.00	1241																							
ZZZZZZ	1.00	1243																							
ZZZZZZ	1.00	1245																							
ZZZZZZ	1.00	1247																							
ZZZZZZ	1.00	1249																							
88EWNE-6D	1.00	1251															X		X						
88EWNE-6L	5.00	1253															X		X						
88EWNE-6S	1.00	1334															X		X						
88EWNE-6SD	1.00	1336															X		X						
88EWNE-6A	1.00	1338																	X						
CCV04	1.00	1343															X		X						
CCB04	1.00	1347															X		X						
ZZZZZZ	1.00	1349																							
ZZZZZZ	1.00	1351																							
7277-1	1.00	1353															X		X						
7277-2	1.00	1355															X		X						
7277-3	1.00	1357															X		X						
7277-1	1.00	1359															X		X						
7277-2	1.00	1403															X		X						
7277-3	1.00	1405															X		X						
CCV05	1.00	1420															X		X						
CCB05	1.00	1425															X		X						
CRI02	1.00	1437															X		X						
ICS-A02	1.00	1533															X		X						
ICS-AB02	1.00	1542															X		X						
CCV06	1.00	1544															X		X						
CCB06	1.00	1552															X		X						

**CHEMTECH**

**284 Sheffield Street Mountainside, NJ 07092  
Tel . (908) 789-8900 Fax (908) 789-8922**

## **END OF ANALYTICAL RESULTS**



111 Herrick Street, Merrimack, NH 03054  
TEL: (603) 424-2022 • FAX: (603) 429-8496  
[www.amrolabs.com](http://www.amrolabs.com)

May 23, 2006

**ANALYTICAL TEST RESULTS**

Ed VanDoren  
SHAW E & I, Inc.  
11 Northeastern Boulevard  
Salem, NH 030791953  
TEL: (603) 870-4500  
FAX: (603) 870-4501

Subject: 101960-08 Textron Gorham

Workorder No.: 0605080

Dear Ed VanDoren:

AMRO Environmental Laboratories Corp. received 8 samples on 5/11/06 for the analyses presented in the following report.

AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of 60 days from sample receipt date (90 days for samples from New York). After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

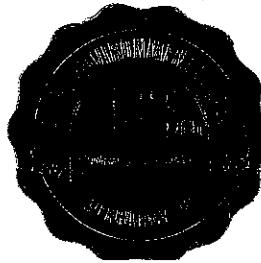
This report consists of a total of 40 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart  
Vice President

**State Certifications:** NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001, NJ: NH125, RI: 00105, U.S. Army Corps of Engineers (USACE), Naval Facilities Engineering Service Center (NFESC).

*Hard copy of the State Certification is available upon request.*



**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.  
**Project:** 101960-08 Textron Gorham  
**Lab Order:** 0605080  
**Date Received:** 5/11/06

**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Collection Date</b>	<b>Collection Time</b>
0605080-01A	MW-101S	5/10/06	11:00 AM
0605080-01B	MW-101S	5/10/06	11:00 AM
0605080-01C	MW-101S	5/10/06	11:00 AM
0605080-02A	MW-218S	5/10/06	11:30 AM
0605080-03A	MW-218D	5/10/06	12:00 PM
0605080-04A	MW-216S	5/10/06	12:30 PM
0605080-05A	MW-216D	5/10/06	1:00 PM
0605080-06A	MW-217D	5/10/06	1:30 PM
0605080-07A	MW-217S	5/10/06	2:00 PM
0605080-08A	Trip Blank	5/10/06	12:00 AM

**AMRO Environmental Laboratories Corp.**

23-May-06

**DATES REPORT**

Lab Order:	0605080	Client:	SHAW E & I, Inc.	Project:	101960-08 Textron Gorham	Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
0605080-01A	MW-101S					0605080-01B		5/10/06 11:00:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS		5/10/06	R32991	5/22/06	
0605080-02A	MW-218S					0605080-02B		5/10/06 11:30:00 AM	EPA 8260B VOLATILES by GC/MS			5/10/06	R32991	5/19/06	
0605080-03A	MW-218D					0605080-03B		5/10/06 12:00:00 PM	EPA 8260B VOLATILES by GC/MS			5/10/06	R32991	5/16/06	
0605080-04A	MW-216S					0605080-04B		5/10/06 12:30:00 PM	EPA 8260B VOLATILES by GC/MS			5/10/06	R32983	5/12/06	
0605080-05A	MW-216D					0605080-05B		5/10/06 1:00:00 PM	EPA 8260B VOLATILES by GC/MS			5/10/06	R32983	5/19/06	
0605080-06A	MW-217D					0605080-06B		5/10/06 1:30:00 PM	EPA 8260B VOLATILES by GC/MS			5/10/06	R32991	5/22/06	
0605080-07A	MW-217S					0605080-07B		5/10/06 2:00:00 PM	EPA 8260B VOLATILES by GC/MS			5/10/06	R32983	5/19/06	

**AMRO Environmental Laboratories Corp.**

23-May-06

**DATES REPORT**

Lab Order:	0605080
Client:	SHAW E & I, Inc.
Project:	101960-08 Textron Gorham
<hr/>	
<hr/>	

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Analysis Date	Batch ID	TCLP Date
0605080-08A	Trip Blank	5/10/06	Trip Blank	EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/10/06	5/19/06	R32983	



## SAMPLE RECEIPT CHECKLIST

Client:	SHAW ENVIRONMENTAL, INC			AMRO ID:	0605080
Project Name:	TEXTRON GORHAM			Date Rec.:	5-11-06
Ship via: (circle one)	Fed Ex., UPS	AMRO Courier,		Date Due:	5-18-06
Hand Del., Other Courier, Other:					
Items to be Checked Upon Receipt					
1. Army Samples received in individual plastic bags?	<input type="checkbox"/>				
2. Custody Seals present?	<input type="checkbox"/>				
3. Custody Seals Intact?	<input type="checkbox"/>				
4. Air Bill included in folder if received?	<input type="checkbox"/>				
5. Is COC included with samples?	<input type="checkbox"/>				
6. Is COC signed and dated by client?	<input type="checkbox"/>				
7. Laboratory receipt temperature.	TEMP = <i>2°</i>				
Samples rec. with ice <input checked="" type="checkbox"/> ice packs <input type="checkbox"/> neither <input type="checkbox"/>					
8. Were samples received the same day they were sampled?	<input type="checkbox"/>				
Is client temperature $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ?	<input type="checkbox"/>				
If no obtain authorization from the client for the analyses.					
Client authorization from: _____ Date: _____ Obtained by: _____					
9. Is the COC filled out correctly and completely?	<input type="checkbox"/>				
10. Does the info on the COC match the samples?	<input type="checkbox"/>				
11. Were samples rec. within holding time?	<input type="checkbox"/>				
12. Were all samples properly labeled?	<input type="checkbox"/>				
13. Were all samples properly preserved?	<input type="checkbox"/>				
14. Were proper sample containers used?	<input type="checkbox"/>				
15. Were all samples received intact? (none broken or leaking)	<input type="checkbox"/>				
16. Were VOA vials rec. with no air bubbles?	<input type="checkbox"/>				
17. Were the sample volumes sufficient for requested analysis?	<input type="checkbox"/>				
18. Were all samples received?	<input type="checkbox"/>				
19. VPH and VOA Soils only:	<input type="checkbox"/>				
Sampling Method VPH (circle one): M=Methanol, E=EnCore (air-tight container)					
Sampling Method VOA (circle one): M=Methanol, SB=Sodium Bisulfate, E=EnCore, B=Bulk					
If M or SB:					
Does preservative cover the soil?					
If NO then client must be faxed.					
Does preservation level come close to the fill line on the vial?					
If NO then client must be faxed.					
Were vials provided by AMRO?					
If NO then weights MUST be obtained from client					
Was dry weight aliquot provided?					
If NO then fax client and inform the VOA lab ASAP.					
20. Subcontracted Samples:	<input type="checkbox"/>				
What samples sent:					
Where sent:					
Date:					
Analysis:					
TAT:					
21. Information entered into:					
Internal Tracking Log?	<input type="checkbox"/>				
Dry Weight Log?	<input type="checkbox"/>				
Client Log?	<input type="checkbox"/>				
Composite Log?	<input type="checkbox"/>				
Filtration Log?	<input type="checkbox"/>				
Received By: CC	Date: 5-11-06	Logged in By: CC	Date: 5-12-06		
Labeled By: CC	Date: 5-12-06	Checked By: MG	Date: 5-15-06		

**AMRO Environmental  
Laboratories Corporation**

111 Herrick Street  
Merrimack, NH 03054  
(603) 424-2022

Please Circle if:  
Sample = Soil  
Sample = Waste

AMRO ID:

0605080

\* = if the laboratory preserves the drinking water sample (s) for EPA Method 200 series, sample (s) should be held at least 16 hours prior to analysis.

pH Checked By:

RK

Date: 5-12-06

pH adjusted By:

Date:

pH Checked By:

Date:

pH adjusted (16hrs) By:

Date:

**CLIENT:** SHAW E & I, Inc.

**Project:** 101960-08 Textron Gorham

**Lab Order:** 0605080

**CASE NARRATIVE**

No QC deviations were observed.

## DATA COMMENT PAGE

### **Organic Data Qualifiers**

- ND Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
- H Method prescribed holding time exceeded.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- R RPD outside accepted recovery limits.
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- # See Case Narrative

### **Micro Data Qualifiers**

- TNTC Too numerous to count

### **Inorganic Data Qualifiers**

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
- H Indicates analytical holding time exceedance.
- B Indicates that the analyte is found in the associated blank, as well as in the sample.
- MSA Indicates value determined by the Method of Standard Addition
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- W Post-digestion spike for Furnace AA analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- \*
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
- # See Case Narrative

#### **Report Comments:**

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605080  
**Project:** 101960-08 Textron Gorham  
**Lab ID:** 0605080-01A

**Client Sample ID:** MW-101S  
**Collection Date:** 5/10/06 11:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
Chloromethane	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
Vinyl chloride	3.9	2.0		µg/L	1	5/19/06 11:20:00 AM
Chloroethane	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
Bromomethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
Acetone	ND	10		µg/L	1	5/19/06 11:20:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/19/06 11:20:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
2-Butanone	ND	10		µg/L	1	5/19/06 11:20:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
cis-1,2-Dichloroethene	660	20		µg/L	10	5/22/06 11:01:00 AM
Chloroform	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/19/06 11:20:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Benzene	ND	1.0		µg/L	1	5/19/06 11:20:00 AM
Trichloroethene	14	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/19/06 11:20:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 11:20:00 AM
Toluene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 11:20:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
2-Hexanone	ND	10		µg/L	1	5/19/06 11:20:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Tetrachloroethene	350	20		µg/L	10	5/22/06 11:01:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Client Sample ID:</b>	MW-101S
<b>Lab Order:</b>	0605080	<b>Collection Date:</b>	5/10/06 11:00:00 AM
<b>Project:</b>	101960-08 Textron Gorham	<b>Matrix:</b>	GROUNDWATER
<b>Lab ID:</b>	0605080-01A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
o-Xylene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Styrene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Bromoform	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Naphthalene	ND	5.0		µg/L	1	5/19/06 11:20:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:20:00 AM
Surr: Dibromofluoromethane	104	85-116		%REC	1	5/19/06 11:20:00 AM
Surr: 1,2-Dichloroethane-d4	106	77-127		%REC	1	5/19/06 11:20:00 AM
Surr: Toluene-d8	102	86-114		%REC	1	5/19/06 11:20:00 AM
Surr: 4-Bromofluorobenzene	98.7	79-117		%REC	1	5/19/06 11:20:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.      **Client Sample ID:** MW-218S  
**Lab Order:** 0605080      **Collection Date:** 5/10/06 11:30:00 AM  
**Project:** 101960-08 Textron Gorham      **Matrix:** GROUNDWATER  
**Lab ID:** 0605080-02A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		<b>SW8260B</b>				
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
Chloromethane	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
Vinyl chloride	22	2.0		µg/L	1	5/19/06 11:54:00 AM
Chloroethane	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
Bromomethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
Acetone	ND	10		µg/L	1	5/19/06 11:54:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/19/06 11:54:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
Methyl tert-butyl ether	3.9	2.0		µg/L	1	5/19/06 11:54:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
2-Butanone	ND	10		µg/L	1	5/19/06 11:54:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
cis-1,2-Dichloroethene	450	20		µg/L	10	5/22/06 11:35:00 AM
Chloroform	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/19/06 11:54:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Benzene	6.0	1.0		µg/L	1	5/19/06 11:54:00 AM
Trichloroethene	25	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/19/06 11:54:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 11:54:00 AM
Toluene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 11:54:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
2-Hexanone	ND	10		µg/L	1	5/19/06 11:54:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Tetrachloroethene	290	20		µg/L	10	5/22/06 11:35:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.**Client Sample ID:** MW-218S**Lab Order:** 0605080**Collection Date:** 5/10/06 11:30:00 AM**Project:** 101960-08 Textron Gorham**Matrix:** GROUNDWATER**Lab ID:** 0605080-02A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
o-Xylene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Styrene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Bromoform	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Naphthalene	ND	5.0		µg/L	1	5/19/06 11:54:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 11:54:00 AM
Surr: Dibromofluoromethane	101	85-116		%REC	1	5/19/06 11:54:00 AM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/19/06 11:54:00 AM
Surr: Toluene-d8	98.1	86-114		%REC	1	5/19/06 11:54:00 AM
Surr: 4-Bromofluorobenzene	99.2	79-117		%REC	1	5/19/06 11:54:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605080  
**Project:** 101960-08 Textron Gorham  
**Lab ID:** 0605080-03A

**Client Sample ID:** MW-218D  
**Collection Date:** 5/10/06 12:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0	µg/L	1	5/19/06 12:28:00 PM	
Chloromethane	ND	5.0	µg/L	1	5/19/06 12:28:00 PM	
Vinyl chloride	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Chloroethane	ND	5.0	µg/L	1	5/19/06 12:28:00 PM	
Bromomethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Trichlorofluoromethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Diethyl ether	ND	5.0	µg/L	1	5/19/06 12:28:00 PM	
Acetone	ND	10	µg/L	1	5/19/06 12:28:00 PM	
1,1-Dichloroethene	19	1.0	µg/L	1	5/19/06 12:28:00 PM	
Carbon disulfide	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Methylene chloride	ND	5.0	µg/L	1	5/19/06 12:28:00 PM	
Methyl tert-butyl ether	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
trans-1,2-Dichloroethene	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
1,1-Dichloroethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
2-Butanone	ND	10	µg/L	1	5/19/06 12:28:00 PM	
2,2-Dichloropropane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
cis-1,2-Dichloroethene	25	2.0	µg/L	1	5/19/06 12:28:00 PM	
Chloroform	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Tetrahydrofuran	ND	10	µg/L	1	5/19/06 12:28:00 PM	
Bromochloromethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
1,1,1-Trichloroethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
1,1-Dichloropropene	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Carbon tetrachloride	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
1,2-Dichloroethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Benzene	ND	1.0	µg/L	1	5/19/06 12:28:00 PM	
Trichloroethene	440	20	µg/L	10	5/22/06 12:10:00 PM	
1,2-Dichloropropane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Bromodichloromethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Dibromomethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
4-Methyl-2-pentanone	ND	10	µg/L	1	5/19/06 12:28:00 PM	
cis-1,3-Dichloropropene	ND	1.0	µg/L	1	5/19/06 12:28:00 PM	
Toluene	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/19/06 12:28:00 PM	
1,1,2-Trichloroethane	4.3	2.0	µg/L	1	5/19/06 12:28:00 PM	
1,2-Dibromoethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
2-Hexanone	ND	10	µg/L	1	5/19/06 12:28:00 PM	
1,3-Dichloropropane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	
Tetrachloroethene	990	20	µg/L	10	5/22/06 12:10:00 PM	
Dibromochloromethane	ND	2.0	µg/L	1	5/19/06 12:28:00 PM	

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.**Client Sample ID:** MW-218D**Lab Order:** 0605080**Collection Date:** 5/10/06 12:00:00 PM**Project:** 101960-08 Textron Gorham**Matrix:** GROUNDWATER**Lab ID:** 0605080-03A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
o-Xylene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Styrene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Bromoform	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 12:28:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Naphthalene	ND	5.0		µg/L	1	5/19/06 12:28:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 12:28:00 PM
Surr: Dibromofluoromethane	105	85-116		%REC	1	5/19/06 12:28:00 PM
Surr: 1,2-Dichloroethane-d4	103	77-127		%REC	1	5/19/06 12:28:00 PM
Surr: Toluene-d8	99.6	86-114		%REC	1	5/19/06 12:28:00 PM
Surr: 4-Bromofluorobenzene	99.2	79-117		%REC	1	5/19/06 12:28:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.      **Client Sample ID:** MW-216S  
**Lab Order:** 0605080      **Collection Date:** 5/10/06 12:30:00 PM  
**Project:** 101960-08 Textron Gorham      **Matrix:** GROUNDWATER  
**Lab ID:** 0605080-04A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>						<b>Analyst: SK</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/19/06 2:12:00 PM
Chloromethane	ND	5.0		µg/L	1	5/19/06 2:12:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Chloroethane	ND	5.0		µg/L	1	5/19/06 2:12:00 PM
Bromomethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/19/06 2:12:00 PM
Acetone	10	10		µg/L	1	5/19/06 2:12:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/19/06 2:12:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/19/06 2:12:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
2-Butanone	ND	10		µg/L	1	5/19/06 2:12:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
cis-1,2-Dichloroethene	170	2.0		µg/L	1	5/19/06 2:12:00 PM
Chloroform	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/19/06 2:12:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Benzene	ND	1.0		µg/L	1	5/19/06 2:12:00 PM
Trichloroethene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/19/06 2:12:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 2:12:00 PM
Toluene	2.9	2.0		µg/L	1	5/19/06 2:12:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 2:12:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
2-Hexanone	ND	10		µg/L	1	5/19/06 2:12:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.**Client Sample ID:** MW-216S**Lab Order:** 0605080**Collection Date:** 5/10/06 12:30:00 PM**Project:** 101960-08 Textron Gorham**Matrix:** GROUNDWATER**Lab ID:** 0605080-04A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
m,p-Xylene	3.7	2.0		µg/L	1	5/19/06 2:12:00 PM
o-Xylene	6.2	2.0		µg/L	1	5/19/06 2:12:00 PM
Styrene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Bromoform	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,3,5-Trimethylbenzene	9.5	2.0		µg/L	1	5/19/06 2:12:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2,4-Trimethylbenzene	12	2.0		µg/L	1	5/19/06 2:12:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 2:12:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Naphthalene	21	5.0		µg/L	1	5/19/06 2:12:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 2:12:00 PM
Surr: Dibromofluoromethane	104	85-116		%REC	1	5/19/06 2:12:00 PM
Surr: 1,2-Dichloroethane-d4	102	77-127		%REC	1	5/19/06 2:12:00 PM
Surr: Toluene-d8	101	86-114		%REC	1	5/19/06 2:12:00 PM
Surr: 4-Bromofluorobenzene	99.0	79-117		%REC	1	5/19/06 2:12:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605080  
**Project:** 101960-08 Textron Gorham  
**Lab ID:** 0605080-05A

**Client Sample ID:** MW-216D  
**Collection Date:** 5/10/06 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses		Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS		SW8260B					Analyst: SK
Dichlorodifluoromethane		ND	5.0	μg/L		1	5/19/06 4:32:00 PM
Chloromethane		ND	5.0	μg/L		1	5/19/06 4:32:00 PM
Vinyl chloride		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Chloroethane		ND	5.0	μg/L		1	5/19/06 4:32:00 PM
Bromomethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Trichlorodifluoromethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Diethyl ether		ND	5.0	μg/L		1	5/19/06 4:32:00 PM
Acetone		ND	10	μg/L		1	5/19/06 4:32:00 PM
1,1-Dichloroethene		ND	1.0	μg/L		1	5/19/06 4:32:00 PM
Carbon disulfide		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Methylene chloride		ND	5.0	μg/L		1	5/19/06 4:32:00 PM
Methyl tert-butyl ether		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
trans-1,2-Dichloroethene		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
1,1-Dichloroethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
2-Butanone		ND	10	μg/L		1	5/19/06 4:32:00 PM
2,2-Dichloropropane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
cis-1,2-Dichloroethene		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Chloroform		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Tetrahydrofuran		ND	10	μg/L		1	5/19/06 4:32:00 PM
Bromochloromethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
1,1,1-Trichloroethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
1,1-Dichloropropene		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Carbon tetrachloride		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
1,2-Dichloroethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Benzene		ND	1.0	μg/L		1	5/19/06 4:32:00 PM
Trichloroethene		4.2	2.0	μg/L		1	5/19/06 4:32:00 PM
1,2-Dichloropropane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Bromodichloromethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Dibromomethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
4-Methyl-2-pentanone		ND	10	μg/L		1	5/19/06 4:32:00 PM
cis-1,3-Dichloropropene		ND	1.0	μg/L		1	5/19/06 4:32:00 PM
Toluene		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
trans-1,3-Dichloropropene		ND	1.0	μg/L		1	5/19/06 4:32:00 PM
1,1,2-Trichloroethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
1,2-Dibromoethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
2-Hexanone		ND	10	μg/L		1	5/19/06 4:32:00 PM
1,3-Dichloropropane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Tetrachloroethene		ND	2.0	μg/L		1	5/19/06 4:32:00 PM
Dibromochloromethane		ND	2.0	μg/L		1	5/19/06 4:32:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.**Client Sample ID:** MW-216D**Lab Order:** 0605080**Collection Date:** 5/10/06 1:00:00 PM**Project:** 101960-08 Textron Gorham**Matrix:** GROUNDWATER**Lab ID:** 0605080-05A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
o-Xylene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Styrene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Bromoform	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 4:32:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Naphthalene	ND	5.0		µg/L	1	5/19/06 4:32:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 4:32:00 PM
Surr: Dibromofluoromethane	99.1	85-116		%REC	1	5/19/06 4:32:00 PM
Surr: 1,2-Dichloroethane-d4	94.2	77-127		%REC	1	5/19/06 4:32:00 PM
Surr: Toluene-d8	97.0	86-114		%REC	1	5/19/06 4:32:00 PM
Surr: 4-Bromofluorobenzene	100	79-117		%REC	1	5/19/06 4:32:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.

**Client Sample ID:** MW-217D

**Lab Order:** 0605080

**Collection Date:** 5/10/06 1:30:00 PM

**Project:** 101960-08 Textron Gorham

**Matrix:** GROUNDWATER

**Lab ID:** 0605080-06A

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
Chloromethane	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
Vinyl chloride	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Chloroethane	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
Bromomethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
Acetone	ND	10		µg/L	1	5/22/06 10:27:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/06 10:27:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
2-Butanone	ND	10		µg/L	1	5/22/06 10:27:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
cis-1,2-Dichloroethene	68	2.0		µg/L	1	5/22/06 10:27:00 AM
Chloroform	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/22/06 10:27:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Benzene	ND	1.0		µg/L	1	5/22/06 10:27:00 AM
Trichloroethene	69	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/06 10:27:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/06 10:27:00 AM
Toluene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/06 10:27:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
2-Hexanone	ND	10		µg/L	1	5/22/06 10:27:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.**Client Sample ID:** MW-217D**Lab Order:** 0605080**Collection Date:** 5/10/06 1:30:00 PM**Project:** 101960-08 Textron Gorham**Matrix:** GROUNDWATER**Lab ID:** 0605080-06A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
o-Xylene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Styrene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Bromoform	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Naphthalene	ND	5.0		µg/L	1	5/22/06 10:27:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/22/06 10:27:00 AM
Surr: Dibromofluoromethane	98.0	85-116		%REC	1	5/22/06 10:27:00 AM
Surr: 1,2-Dichloroethane-d4	92.6	77-127		%REC	1	5/22/06 10:27:00 AM
Surr: Toluene-d8	99.1	86-114		%REC	1	5/22/06 10:27:00 AM
Surr: 4-Bromofluorobenzene	98.7	79-117		%REC	1	5/22/06 10:27:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

CLIENT: SHAW E &amp; I, Inc.

Client Sample ID: MW-217S

Lab Order: 0605080

Collection Date: 5/10/06 2:00:00 PM

Project: 101960-08 Textron Gorham

Matrix: GROUNDWATER

Lab ID: 0605080-07A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/19/06 1:37:00 PM
Chloromethane	ND	5.0		µg/L	1	5/19/06 1:37:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Chloroethane	ND	5.0		µg/L	1	5/19/06 1:37:00 PM
Bromomethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/19/06 1:37:00 PM
Acetone	ND	10		µg/L	1	5/19/06 1:37:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/19/06 1:37:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/19/06 1:37:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
2-Butanone	12	10		µg/L	1	5/19/06 1:37:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
cis-1,2-Dichloroethene	33	2.0		µg/L	1	5/19/06 1:37:00 PM
Chloroform	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/19/06 1:37:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Benzene	ND	1.0		µg/L	1	5/19/06 1:37:00 PM
Trichloroethene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/19/06 1:37:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 1:37:00 PM
Toluene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 1:37:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
2-Hexanone	ND	10		µg/L	1	5/19/06 1:37:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.**Client Sample ID:** MW-217S**Lab Order:** 0605080**Collection Date:** 5/10/06 2:00:00 PM**Project:** 101960-08 Textron Gorham**Matrix:** GROUNDWATER**Lab ID:** 0605080-07A

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
o-Xylene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Styrene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Bromoform	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 1:37:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Naphthalene	17	5.0		µg/L	1	5/19/06 1:37:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 1:37:00 PM
Surr: Dibromofluoromethane	101	85-116		%REC	1	5/19/06 1:37:00 PM
Surr: 1,2-Dichloroethane-d4	102	77-127		%REC	1	5/19/06 1:37:00 PM
Surr: Toluene-d8	97.4	86-114		%REC	1	5/19/06 1:37:00 PM
Surr: 4-Bromofluorobenzene	99.5	79-117		%REC	1	5/19/06 1:37:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

CLIENT:	SHAW E & I, Inc.	Client Sample ID:	Trip Blank
Lab Order:	0605080	Collection Date:	5/10/06
Project:	101960-08 Textron Gorham	Matrix:	TRIP BLANK
Lab ID:	0605080-08A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
Chloromethane	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
Vinyl chloride	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Chloroethane	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
Bromomethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
Acetone	ND	10		µg/L	1	5/19/06 10:45:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/19/06 10:45:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
2-Butanone	ND	10		µg/L	1	5/19/06 10:45:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Chloroform	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/19/06 10:45:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Benzene	ND	1.0		µg/L	1	5/19/06 10:45:00 AM
Trichloroethene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/19/06 10:45:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 10:45:00 AM
Toluene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/19/06 10:45:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
2-Hexanone	ND	10		µg/L	1	5/19/06 10:45:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

**CLIENT:** SHAW E & I, Inc.

**Client Sample ID:** Trip Blank

**Lab Order:** 0605080

**Collection Date:** 5/10/06

**Project:** 101960-08 Textron Gorham

**Matrix:** TRIP BLANK

**Lab ID:** 0605080-08A

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
Chlorobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
o-Xylene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Styrene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Bromoform	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Naphthalene	ND	5.0		µg/L	1	5/19/06 10:45:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/19/06 10:45:00 AM
Surr: Dibromofluoromethane	102	85-116		%REC	1	5/19/06 10:45:00 AM
Surr: 1,2-Dichloroethane-d4	101	77-127		%REC	1	5/19/06 10:45:00 AM
Surr: Toluene-d8	96.9	86-114		%REC	1	5/19/06 10:45:00 AM
Surr: 4-Bromofluorobenzene	95.4	79-117		%REC	1	5/19/06 10:45:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT: SHAW E & I, Inc.  
Work Order: 0605080  
Project: 101960-08 Textron Gorham

Sample ID	mb:05/19/06	Batch ID:	R32983	Test Code:	SW8260B	Units:	µg/L	Analysis Date	5/19/06 10:11:00 AM	Prep Date	5/19/06	
Client ID:				Run ID:	V-3_060519A			SeqNo:	543338			
Analyte		QC Sample	Result	RL	Units	Amount	Result	%REC	Original Sample	HighLimit	LowLimit	Qua
Dichlorodifluoromethane			ND	5.0	µg/L							
Chloromethane			ND	5.0	µg/L							
Vinyl chloride			ND	2.0	µg/L							
Chloroethane			ND	5.0	µg/L							
Bromomethane			ND	2.0	µg/L							
Trichlorofluoromethane			ND	2.0	µg/L							
Diethyl ether			ND	5.0	µg/L							
Acetone			ND	10	µg/L							
1,1-Dichloroethene			ND	1.0	µg/L							
Carbon disulfide			ND	2.0	µg/L							
Methylene chloride			ND	5.0	µg/L							
Methyl tert-butyl ether			ND	2.0	µg/L							
trans-1,2-Dichloroethene			ND	2.0	µg/L							
1,1-Dichloroethane			ND	2.0	µg/L							
2-Butanone			ND	10	µg/L							
2,2-Dichloropropane			ND	2.0	µg/L							
cis-1,2-Dichloroethene			ND	2.0	µg/L							
Chloroform			ND	2.0	µg/L							
Tetrahydrofuran			ND	10	µg/L							
Bromoform			ND	2.0	µg/L							
1,1,1-Trichloroethane			ND	2.0	µg/L							
1,1-Dichloropropene			ND	2.0	µg/L							
Carbon tetrachloride			ND	2.0	µg/L							
1,2-Dichloroethane			ND	1.0	µg/L							
Benzene			ND	1.0	µg/L							

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	NA - Not applicable where J values or ND results occur
		B - Analyte detected in the associated Method Blank

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT:	SHAW E & I, Inc.	S	Spike Recovery outside accepted recovery limits
Work Order:	0605080	R	RPD outside accepted recovery limits
Project:	101960-08 Textron Gorham	NA	Not applicable where J values or ND results occur
Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L
Qualifiers:	ND - Not Detected at the Reporting Limit	S	- Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R	- RPD outside accepted recovery limits
	RI - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.		

# AMRO Environmental Laboratories Corp.

Date: 22-May-06

## QC SUMMARY REPORT

Method Blank

CLIENT:	SHAW E & I, Inc.	Work Order:	0605080	Project:	101960-08 Textron Gorham
sec-Butylbenzene	ND	2.0	µg/L		
4-isopropyltoluene	ND	2.0	µg/L		
1,3-Dichlorobenzene	ND	2.0	µg/L		
1,4-Dichlorobenzene	ND	2.0	µg/L		
n-Butylbenzene	ND	2.0	µg/L		
1,2-Dichlorobenzene	ND	2.0	µg/L		
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L		
1,2,4-Trichlorobenzene	ND	2.0	µg/L		
Hexachlorobutadiene	ND	2.0	µg/L		
Naphthalene	ND	5.0	µg/L		
1,2,3-Trichlorobenzene	ND	2.0	µg/L		
Surr: Dibromofluoromethane	25.33	2.0	µg/L	25	0
Surr: 1,2-Dichloroethane-d4	25.65	2.0	µg/L	25	0
Surr: Toluene-d8	24.64	2.0	µg/L	25	0
Surr: 4-Bromofluorobenzene	24.86	2.0	µg/L	25	0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**QC SUMMARY REPORT**

Method Blank

Client:	SHAW E & I, Inc.
Work Order:	0605080
Project:	101960-08 Textron Gorham

Sample ID	mb-05/22/06	Batch ID:	R32991	Test Code:	SWB260B	Units:	µg/L	Analysis Date	5/22/06 9:53:00 AM	Prep Date	5/22/06	Original Sample											
												Client ID:	Run ID:	V-3_060522A	QC Spike	Original Sample	Result	%REC	Low limit	High limit	%RPD	RPDLimit	Qua
Dichlorodifluoromethane			ND		ND	5.0	µg/L																
Chloromethane			ND		ND	5.0	µg/L																
Vinyl chloride			ND		ND	2.0	µg/L																
Chloroethane			ND		ND	5.0	µg/L																
Bromomethane			ND		ND	2.0	µg/L																
Trichlorofluoromethane			ND		ND	2.0	µg/L																
Diethyl ether			ND		ND	5.0	µg/L																
Acetone			ND		ND	10	µg/L																
1,1-Dichloroethene			ND		ND	1.0	µg/L																
Carbon disulfide			ND		ND	2.0	µg/L																
Methylene chloride			ND		ND	5.0	µg/L																
Methyl tert-butyl ether			ND		ND	2.0	µg/L																
trans-1,2-Dichloroethene			ND		ND	2.0	µg/L																
1,1-Dichloroethane			ND		ND	2.0	µg/L																
2-Butanone			ND		ND	10	µg/L																
2,2-Dichloropropane			ND		ND	2.0	µg/L																
cis-1,2-Dichloroethene			ND		ND	2.0	µg/L																
Chloroform			ND		ND	2.0	µg/L																
Tetrahydrofuran			ND		ND	10	µg/L																
Bromoform			ND		ND	2.0	µg/L																
1,1,1-Trichloroethane			ND		ND	2.0	µg/L																
1,1-Dichloropropane			ND		ND	2.0	µg/L																
Carbon tetrachloride			ND		ND	2.0	µg/L																
1,2-Dichloroethane			ND		ND	2.0	µg/L																
Benzene			ND		ND	1.0	µg/L																

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

J - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605080  
**Project:** 101960-08 Textron Gorham

**QC SUMMARY REPORT**  
**Method Blank**

		µg/L	
Trichloroethene	ND	2.0	
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank

# AMRO Environmental Laboratories Corp.

Date: 22-May-06

## QC SUMMARY REPORT

Method Blank

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605080  
**Project:** 101960-08 Textron Gorham

			µg/L
sec-Butylbenzene	ND	2.0	
4-Isopropyltoluene	ND	2.0	
1,3-Dichlorobenzene	ND	2.0	
1,4-Dichlorobenzene	ND	2.0	
n-Butylbenzene	ND	2.0	
1,2-Dichlorobenzene	ND	2.0	
1,2-Dibromo-3-chloropropane	ND	5.0	
1,2,4-Trichlorobenzene	ND	2.0	
Hexachlorobutadiene	ND	2.0	
Naphthalene	ND	5.0	
1,2,3-Trichlorobenzene	ND	2.0	
Surr: Dibromofluoromethane	23.96	2.0	
Surr: 1,2-Dichloroethane-d4	23.55	2.0	
Surr: Toluene-d8	25.18	2.0	
Surr: 4-Bromofluorobenzene	24.73	2.0	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
NA - Not applicable where J values or ND results occur

**ANERO Environmental Laboratories Corp.**

Date: 22-May-06

QC SUMMARY REPORT									
Laboratory Control Spike - Full List									
Client ID:	Project:	Sample ID	Batch ID:	Test Code:	Run ID:	V-3_060519A	Analysis Date	5/19/06 9:03:00 AM	Prep Date
							SeqNo:	543339	

Analyte	QC Sample Result	RL	Units	QC Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result
Dichlorodifluoromethane	20.54	5.0	µg/L	20	0	103	10	150	0
Chloromethane	16.61	5.0	µg/L	20	0	83	37	150	0
Vinyl chloride	17.62	2.0	µg/L	20	0	88.1	48	150	0
Chloroethane	16.94	5.0	µg/L	20	0	84.7	54	142	0
Bromomethane	22.11	2.0	µg/L	20	0	111	51	137	0
Trichlorofluoromethane	18.29	2.0	µg/L	20	0	91.4	62	141	0
Diethyl ether	16.76	5.0	µg/L	20	0	83.8	68	134	0
Acetone	16.95	10	µg/L	20	0	84.8	9	150	0
1,1-Dichloroethene	15.48	1.0	µg/L	20	0	77.4	68	146	0
Carbon disulfide	15	2.0	µg/L	20	0	75	52	131	0
Methylene chloride	15.88	5.0	µg/L	20	0	79.4	67	138	0
Methyl tert-butyl ether	16.42	2.0	µg/L	20	0	82.1	63	139	0
trans-1,2-Dichloroethene	17.31	2.0	µg/L	20	0	86.6	81	126	0
1,1-Dichloroethane	17.13	2.0	µg/L	20	0	85.7	78	124	0
2-Butanone	17.95	10	µg/L	20	0	89.8	41	150	0
2,2-Dichloropropane	22.45	2.0	µg/L	20	0	112	71	150	0
cis-1,2-Dichloroethene	17.13	2.0	µg/L	20	0	85.7	78	121	0
Chloroform	18.69	2.0	µg/L	20	0	93.4	82	123	0
Tetrahydrofuran	18.13	10	µg/L	20	0	90.7	51	146	0
Bromoform	18.35	2.0	µg/L	20	0	91.8	77	131	0
1,1,1-Trichloroethane	19.8	2.0	µg/L	20	0	99	81	127	0
1,1-Dichloropropene	18.31	2.0	µg/L	20	0	91.6	76	119	0
Carbon tetrachloride	19.68	2.0	µg/L	20	0	98.4	76	129	0
1,2-Dichloroethane	18.01	2.0	µg/L	20	0	90	76	127	0
Benzene	18.16	1.0	µg/L	20	0	90.8	81	118	0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

N.A. - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**QC SUMMARY REPORT**

Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.	Project:	101960-08 Textron Gorham	Conc. (µg/L)	Recovery (%)	Conc. (µg/L)	Recovery (%)	Conc. (µg/L)	Recovery (%)
Work Order:	0605080	Trichloroethene	18.28	2.0	91.4	81	119	0	0
		1,2-Dichloropropane	18.81	2.0	94.1	79	120	0	0
		Bromodichloromethane	17.9	2.0	89.5	77	131	0	0
		Dibromomethane	18.3	2.0	91.5	76	128	0	0
		4-Methyl-2-pentanone	17.58	10	87.9	51	141	0	0
		cis-1,3-Dichloropropene	17.87	1.0	89.4	76	120	0	0
		Toluene	18.86	2.0	94.3	83	119	0	0
		trans-1,3-Dichloropropene	19.36	1.0	96.8	66	128	0	0
		1,1,2-Trichloroethane	18.4	2.0	92	74	123	0	0
		1,2-Dibromoethane	18.67	2.0	93.4	72	128	0	0
		2-Hexanone	15.59	10	78	31	148	0	0
		1,3-Dichloropropane	18.19	2.0	91	76	122	0	0
		Tetrachloroethene	19.09	2.0	95.4	81	124	0	0
		Dibromo-chloromethane	17.58	2.0	87.9	63	126	0	0
		Chlorobenzene	18.46	2.0	92.3	84	113	0	0
		1,1,1,2-Tetrachloroethane	18.32	2.0	91.6	73	124	0	0
		Ethylbenzene	18.15	2.0	90.8	83	118	0	0
		m,p-Xylene	37.21	2.0	93	85	116	0	0
		o-Xylene	19.02	2.0	95.1	84	115	0	0
		Styrene	18.63	2.0	93.2	81	118	0	0
		Bromoform	19.52	2.0	97.6	55	126	0	0
		Isopropylbenzene	17.89	2.0	89.4	77	125	0	0
		1,1,2,2-Tetrachloroethane	18.15	2.0	90.8	62	134	0	0
		1,2,3-Trichloropropane	17.37	2.0	86.8	62	132	0	0
		Bromobenzene	18.97	2.0	94.8	78	119	0	0
		n-Propylbenzene	17.85	2.0	89.2	77	127	0	0
		2-Chlorotoluene	18.02	2.0	90.1	78	118	0	0
		4-Chlorotoluene	17.6	2.0	88	77	119	0	0
		1,3,5-Trimethylbenzene	18.08	2.0	90.4	80	120	0	0
		tert-Butylbenzene	17.81	2.0	89	81	120	0	0
		1,2,4-Trimethylbenzene	18.84	2.0	94.2	80	118	0	0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

NA - Not applicable where J values or ND results occur

# AMRO Environmental Laboratories Corp.

Date: 22-May-06

## QC SUMMARY REPORT

### Project: 101960-08 Textron Gorham

		Laboratory Control Spike - Full List			
		0	90.4	82	123
sec-Butylbenzene	18.08	2.0	µg/L	20	0
4-Isopropyltoluene	18.41	2.0	µg/L	20	0
1,3-Dichlorobenzene	19.02	2.0	µg/L	20	0
1,4-Dichlorobenzene	19.36	2.0	µg/L	20	0
n-Butylbenzene	18.68	2.0	µg/L	20	0
1,2-Dichlorobenzene	18.03	2.0	µg/L	20	0
1,2-Dibromo-3-chloropropane	16.1	5.0	µg/L	20	0
1,2,4-Trichlorobenzene	19.04	2.0	µg/L	20	0
Hexachlorobutadiene	17.5	2.0	µg/L	20	0
Naphthalene	17.54	5.0	µg/L	20	0
1,2,3-Trichlorobenzene	18.44	2.0	µg/L	20	0
Surr: Dibromoformmethane	25.04	2.0	µg/L	25	0
Surr: 1,2-Dichloroethane-d4	24.18	2.0	µg/L	25	0
Surr: Toluene-d8	24.82	2.0	µg/L	25	0
Surr: 4-Bromofluorobenzene	25.5	2.0	µg/L	25	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

Sample ID	Batch ID:	Test Code:	Analysis Date	Original Sample			Prep Date		
Client ID:	Run ID:	V-3_060522A	SedNo:	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qua
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	
Dichlorodifluoromethane	17.82	5.0	µg/L	20	0	89.1	10	150	0
Chloromethane	17.71	5.0	µg/L	20	0	88.6	37	150	0
Vinyl chloride	18.61	2.0	µg/L	20	0	93	48	150	0
Chloroethane	19.11	5.0	µg/L	20	0	95.6	54	142	0
Bromomethane	24.28	2.0	µg/L	20	0	121	51	137	0
Trichlorofluoromethane	18.16	2.0	µg/L	20	0	90.8	62	141	0
Diethyl ether	19.2	5.0	µg/L	20	0	96	68	134	0
Acetone	18.67	10	µg/L	20	0	93.4	9	150	0
1,1-Dichloroethene	19.05	1.0	µg/L	20	0	95.2	68	146	0
Carbon disulfide	17.87	2.0	µg/L	20	0	89.4	52	131	0
Methylene chloride	19.69	5.0	µg/L	20	0	98.4	67	138	0
Methyl tert-butyl ether	20.13	2.0	µg/L	20	0	101	63	139	0
trans-1,2-Dichloroethene	19.36	2.0	µg/L	20	0	96.8	81	126	0
1,1-Dichloroethane	19.03	2.0	µg/L	20	0	95.2	78	124	0
2-Butanone	20.3	10	µg/L	20	0	102	41	150	0
2,2-Dichloropropane	25.28	2.0	µg/L	20	0	126	71	150	0
cis-1,2-Dichloroethene	19.43	2.0	µg/L	20	0	97.2	78	121	0
Chlороform	20.25	2.0	µg/L	20	0	101	82	123	0
Tetrahydrofuran	21.16	10	µg/L	20	0	106	51	146	0
Bromochloromethane	19.3	2.0	µg/L	20	0	96.5	77	131	0
1,1,1-Trichloroethane	20.75	2.0	µg/L	20	0	104	81	127	0
1,1-Dichloropropene	20.22	2.0	µg/L	20	0	101	76	119	0
Carbon tetrachloride	20.86	2.0	µg/L	20	0	104	76	129	0
1,2-Dichloroethane	18.5	2.0	µg/L	20	0	92.5	76	127	0
Benzene	19.81	1.0	µg/L	20	0	99	81	118	0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: 22-May-06

## QC SUMMARY REPORT

Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.	
Work Order:	0605080	
Project:	101960-08 Textron Gorham	
Trichloroethene	19.79	2.0
1,2-Dichloropropane	21.45	2.0
Bromodichloromethane	18.93	2.0
Dibromomethane	19.03	2.0
4-Methyl-2-pentanone	18.61	10
cis-1,3-Dichloropropene	20.54	1.0
Toluene	20.65	2.0
trans-1,3-Dichloropropene	22.07	1.0
1,1,2-Trichloroethane	18.88	2.0
1,2-Dibromoethane	19.8	2.0
2-Hexanone	16.9	10
1,3-Dichloropropane	19.14	2.0
Tetrachloroethene	19.57	2.0
Dibromochloromethane	18.24	2.0
Chlorobenzene	19.23	2.0
1,1,1,2-Tetrachloroethane	19.22	2.0
Ethylbenzene	19.82	2.0
m,p-Xylene	39.86	2.0
o-Xylene	20.22	2.0
Styrene	20.42	2.0
Bromoform	19.86	2.0
Isopropylbenzene	20.28	2.0
1,1,2,2-Tetrachloroethane	18.14	2.0
1,2,3-Trichloropropane	17.67	2.0
Bromobenzene	20.17	2.0
n-Propylbenzene	19.55	2.0
2-Chlorotoluene	19.03	2.0
4-Chlorotoluene	19.65	2.0
1,3,5-Trimethylbenzene	20.27	2.0
tert-Butylbenzene	20.16	2.0
1,2,4-Trimethylbenzene	20.41	2.0

**2. US AND NOT DOCUMENTED STATES: PROBLEMS! LIMIT**

ND - Not Detected at the Reporting Limit

**R** - Reporting limit: defined as the lowest concentration the laboratory can accurately quantitate.  
**J** - Analyte detected below quantitation limits      R - KHD outside accepted recovery limits

## S Spike Recovery outside accepted recovery limits

B : PBD outside accented recovery limits

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 22-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.
Work Order:	0605080
Project:	101960-08 Textron Gorham
sec-Butylbenzene	20.62
4-Isopropyltoluene	20.65
1,3-Dichlorobenzene	19.45
1,4-Dichlorobenzene	19.4
n-Butylbenzene	20.72
1,2-Dichlorobenzene	19.23
1,2-Dibromo-3-chloropropane	16.58
1,2,4-Trichlorobenzene	20.8
Hexachlorobutadiene	19.62
Naphthalene	18.7
1,2,3-Trichlorobenzene	20.83
Surr: Dibromofluoromethane	24.52
Surr: 1,2-Dichloroethane-d4	23.36
Surr: Toluene-d8	25.38
Surr: 4-Bromofluorobenzene	25.13

	µg/L	20	0	103	82	123	0
sec-Butylbenzene	20.62	2.0	0	0	103	80	126
4-Isopropyltoluene	20.65	2.0	0	0	103	84	115
1,3-Dichlorobenzene	19.45	2.0	0	0	97.3	79	117
1,4-Dichlorobenzene	19.4	2.0	0	0	97	76	128
n-Butylbenzene	20.72	2.0	0	0	104	76	0
1,2-Dichlorobenzene	19.23	2.0	0	0	96.2	81	117
1,2-Dibromo-3-chloropropane	16.58	5.0	0	0	82.9	47	136
1,2,4-Trichlorobenzene	20.8	2.0	0	0	104	73	126
Hexachlorobutadiene	19.62	2.0	0	0	98.1	77	134
Naphthalene	18.7	5.0	0	0	93.5	58	138
1,2,3-Trichlorobenzene	20.83	2.0	0	0	104	76	124
Surr: Dibromofluoromethane	24.52	2.0	0	0	98.1	85	116
Surr: 1,2-Dichloroethane-d4	23.36	2.0	0	0	93.4	77	127
Surr: Toluene-d8	25.38	2.0	0	0	102	86	114
Surr: 4-Bromofluorobenzene	25.13	2.0	0	0	101	79	117

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 23-May-06

CLIENT:	SHAW E & I, Inc.	Lab Order:	0605080
Project:	101960-08 Textron Gorham		

Lab ID:	0605080-01	Collection Date:	5/10/06 11:00:00 AM
---------	------------	------------------	---------------------

Collection Time:

Client Sample ID: MW-101S Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	16	2.5		mg/L	5	5/12/06
----------	----	-----	--	------	---	---------

HACH 8000 COD	HACH8000					Analyst: GM
---------------	----------	--	--	--	--	-------------

Chemical Oxygen Demand	640	50		mg/L	1	5/16/06
------------------------	-----	----	--	------	---	---------

## AMRO Environmental Laboratories Corp.

Date: 23-May-06  
**QC SUMMARY REPORT**

Method Blank  
Project:

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605080  
**Project:** 101960-08 Textron Gorham

Sample ID: MB-R32917		Batch ID: R32917		Test Code: E300		Units: mg/L		Analysis Date: 5/12/2006		Prep Date:		
Client ID:		Run ID: DIONEX_060512A		QC Spike		Original Sample		SeqNo: 542167				
Analyte		QC Sample		Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	Original Sample
Chloride		ND	0.50	mg/L								
Sample ID: MB-R32929		Batch ID: R32929		Test Code: HACH8000		Units: mg/L		Analysis Date: 5/16/2006		Prep Date:		
Client ID:		Run ID: ING-WET_060516A		QC Spike		Original Sample		SeqNo: 542364				
Analyte		QC Sample		Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	Original Sample
Chemical Oxygen Demand		ND	50	mg/L								

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

## AMRO Environmental Laboratories Corp.

Date: 23-May-06

### QC SUMMARY REPORT

Laboratory Control Spike

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605080  
**Project:** 101960-08 Textron Gorham

Sample ID: LCS-R32917		Batch ID: R32917		Test Code: E300		Units: mg/L		Analysis Date: 5/12/2006		Prep Date:	
Client ID:		Run ID: DIONEX_060512A		QC Sample		Original Sample		SeqNo: 542168		Original Sample	
Analyte		Result		RL		Units		Amount		%REC	
Chloride		12.59	0.50	mg/L		12.5		0	101	90	110
Sample ID: LCS-D		Batch ID: R32917		Test Code: E300		Units: mg/L		Analysis Date: 5/12/2006		Prep Date:	
Client ID:		Run ID: DIONEX_060512A		QC Sample		Original Sample		SeqNo: 542177		Original Sample	
Analyte		Result		RL		Units		Amount		%REC	
Chloride		12.39	0.50	mg/L		12.5		0	99.1	90	110
Sample ID: LCS-R32929		Batch ID: R32929		Test Code: HACH8000		Units: mg/L		Analysis Date: 5/16/2006		Prep Date:	
Client ID:		Run ID: ING-WET_060516A		QC Sample		Original Sample		SeqNo: 542365		Original Sample	
Analyte		Result		RL		Units		Amount		%REC	
Chemical Oxygen Demand		474.6	50	mg/L		500		0	94.9	80	120

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R.L - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank



**111 Herrick Street, Merrimack, NH 03054  
TEL: (603) 424-2022 • FAX: (603) 429-8496  
[www.amrolabs.com](http://www.amrolabs.com)**

May 21, 2006

**ANALYTICAL TEST RESULTS**

Ed VanDoren  
SHAW E & I, Inc.  
11 Northeastern Boulevard  
Salem, NH 030791953  
TEL: (603) 870-4500  
FAX: (603) 870-4501

Subject: 101960 Textron

Workorder No.: 0605030

Dear Ed VanDoren:

AMRO Environmental Laboratories Corp. received 22 samples on 5/4/2006 for the analyses presented in the following report.

AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of 60 days from sample receipt date (90 days for samples from New York). After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

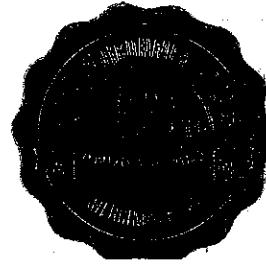
This report consists of a total of 122 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart  
Vice President

**State Certifications:** NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001, NJ: NH125, RI: 00105, U.S. Army Corps of Engineers (USACE), Naval Facilities Engineering Service Center (NFESC).

*Hard copy of the State Certification is available upon request.*



**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.**Project:** 101960 Textron**Lab Order:** 0605030**Date Received:** 5/4/06**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
0605030-01A	MW-206D	5/3/06	7:00 AM
0605030-01B	MW-206D	5/3/06	7:00 AM
0605030-01C	MW-206D	5/3/06	7:00 AM
0605030-02A	MW-206S	5/3/06	7:30 AM
0605030-02B	MW-206S	5/3/06	7:30 AM
0605030-02C	MW-206S	5/3/06	7:30 AM
0605030-03A	MW-204D	5/3/06	8:00 AM
0605030-03B	MW-204D	5/3/06	8:00 AM
0605030-03C	MW-204D	5/3/06	8:00 AM
0605030-04A	MW-204S	5/3/06	8:30 AM
0605030-04B	MW-204S	5/3/06	8:30 AM
0605030-04C	MW-204S	5/3/06	8:30 AM
0605030-05A	MW-207S	5/3/06	9:00 AM
0605030-05B	MW-207S	5/3/06	9:00 AM
0605030-05C	MW-207S	5/3/06	9:00 AM
0605030-06A	MW-207D	5/3/06	9:30 AM
0605030-06B	MW-207D	5/3/06	9:30 AM
0605030-06C	MW-207D	5/3/06	9:30 AM
0605030-07A	MW-202S	5/3/06	10:00 AM
0605030-07B	MW-202S	5/3/06	10:00 AM
0605030-07C	MW-202S	5/3/06	10:00 AM
0605030-08A	MW-202D	5/3/06	10:30 AM
0605030-08B	MW-202D	5/3/06	10:30 AM
0605030-08C	MW-202D	5/3/06	10:30 AM
0605030-09A	MW-202S DUP.	5/3/06	11:00 AM
0605030-09B	MW-202S DUP.	5/3/06	11:00 AM
0605030-09C	MW-202S DUP.	5/3/06	11:00 AM
0605030-10A	MW-101D	5/3/06	11:30 AM
0605030-10B	MW-101D	5/3/06	11:30 AM
0605030-10C	MW-101D	5/3/06	11:30 AM
0605030-11A	MW-201S	5/3/06	12:00 PM
0605030-11B	MW-201S	5/3/06	12:00 PM
0605030-11C	MW-201S	5/3/06	12:00 PM
0605030-12A	MW-201D	5/3/06	12:30 PM
0605030-12B	MW-201D	5/3/06	12:30 PM

**CLIENT:** SHAW E & I, Inc.  
**Project:** 101960 Textron  
**Lab Order:** 0605030  
**Date Received:** 5/4/06

### Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
0605030-12C	MW-201D	5/3/06	12:30 PM
0605030-13A	MW-203S	5/3/06	1:00 PM
0605030-13B	MW-203S	5/3/06	1:00 PM
0605030-13C	MW-203S	5/3/06	1:00 PM
0605030-14A	MW-203D	5/3/06	1:30 PM
0605030-14B	MW-203D	5/3/06	1:30 PM
0605030-14C	MW-203D	5/3/06	1:30 PM
0605030-15A	MW-209D	5/3/06	2:00 PM
0605030-15B	MW-209D	5/3/06	2:00 PM
0605030-15C	MW-209D	5/3/06	2:00 PM
0605030-16A	MW-112	5/3/06	2:30 PM
0605030-16B	MW-112	5/3/06	2:30 PM
0605030-16C	MW-112	5/3/06	2:30 PM
0605030-17A	MW-205	5/3/06	3:00 PM
0605030-17B	MW-205	5/3/06	3:00 PM
0605030-17C	MW-205	5/3/06	3:00 PM
0605030-18A	MW-208D	5/3/06	3:30 PM
0605030-18B	MW-208D	5/3/06	3:30 PM
0605030-18C	MW-208D	5/3/06	3:30 PM
0605030-19A	MW-208S	5/3/06	4:00 PM
0605030-19B	MW-208S	5/3/06	4:00 PM
0605030-19C	MW-208S	5/3/06	4:00 PM
0605030-20A	MW-116S	5/3/06	4:30 PM
0605030-20B	MW-116S	5/3/06	4:30 PM
0605030-20C	MW-116S	5/3/06	4:30 PM
0605030-21A	MW-116	5/3/06	5:00 PM
0605030-21B	MW-116	5/3/06	5:00 PM
0605030-21C	MW-116	5/3/06	5:00 PM
0605030-22A	Trip Blank	5/3/06	12:00 AM

**AMRO Environmental Laboratories Corp.**

17-May-06

**DATES REPORT**

Lab Order:	Client:	Project:	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
0605030-01A	SHAW E & I, Inc.	MW-206D		5/3/06 7:00:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/5/06	R32828	5/5/06	
0605030-01B					Hach 8000 COD			5/10/06	R32865		
0605030-01C					Ion Chromatography, EPA 300			5/11/06	R32892		
0605030-02A	MW-206S			5/3/06 7:30:00 AM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/5/06	R32828	5/5/06	
0605030-02B					Hach 8000 COD			5/10/06	R32865		
0605030-02C					Ion Chromatography, EPA 300			5/11/06	R32892		
0605030-03A	MW-204D			5/3/06 8:00:00 AM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/5/06	R32828	5/5/06	
0605030-03B					Hach 8000 COD			5/10/06	R32865		
0605030-03C					Ion Chromatography, EPA 300			5/11/06	R32892		
0605030-04A	MW-204S			5/3/06 8:30:00 AM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/5/06	R32828	5/5/06	
0605030-04B					Hach 8000 COD			5/10/06	R32865		
0605030-04C					Ion Chromatography, EPA 300			5/11/06	R32892		

**AMRO Environmental Laboratories Corp.**

17-May-06

**DATES REPORT****Lab Order:** 0605030**Client:** SHAW E & I, Inc.**Project:** 101960 Textron**DATES REPORT**

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
0605030-05A	MW-207S	5/3/06 9:00:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/5/06	R32828	5/5/06	
				EPA 8260B VOLATILES by GC/MS		5/6/06		5/6/06	
0605030-05B			Hach 8000 COD			5/10/06			
0605030-05C			Ion Chromatography, EPA 300			5/11/06			
0605030-06A	MW-207D	5/3/06 9:30:00 AM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/6/06	R32833	5/6/06	
				EPA 8260B VOLATILES by GC/MS		5/5/06		5/5/06	
0605030-06B			Hach 8000 COD			5/10/06			
0605030-06C			Ion Chromatography, EPA 300			5/11/06			
0605030-07A	MW-202S	5/3/06 10:00:00 AM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/3/06	R32849	5/8/06	
				EPA 8260B VOLATILES by GC/MS		5/5/06		5/5/06	
0605030-07B			Hach 8000 COD			5/10/06			
0605030-07C			Ion Chromatography, EPA 300			5/11/06			

**AMRO Environmental Laboratories Corp.**

17-May-06

**DATES REPORT**

Lab Order:	0605030	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
Client:	SHAW E & I, Inc.									
Project:	101960 Textron									
Sample ID										
0605030-08A	MW-202D	5/3/06 10:30:00 AM	Groundwater	EPA 8260B VOLATILES by GC/MS EPA 5030B			5/5/06	R32828	5/5/06	
				EPA 8260B VOLATILES by GC/MS			5/3/06	R32849	5/8/06	
0605030-08B			Hach 8000 COD						5/10/06	
0605030-08C				Ion Chromatography, EPA 300					5/11/06	
0605030-09A	MW-202S DUP.	5/3/06 11:00:00 AM		EPA 8260B VOLATILES by GC/MS EPA 5030B			5/6/06	R32833	5/6/06	
				EPA 8260B VOLATILES by GC/MS			5/5/06	R32828	5/5/06	
0605030-09B			Hach 8000 COD						5/10/06	
0605030-09C				Ion Chromatography, EPA 300					5/11/06	
0605030-10A	MW-101D	5/3/06 11:30:00 AM		EPA 8260B VOLATILES by GC/MS EPA 5030B			5/6/06	R32833	5/6/06	
				Hach 8000 COD					5/10/06	
0605030-10B									5/12/06	
0605030-10C				Ion Chromatography, EPA 300					5/12/06	
0605030-11A	MW-201S	5/3/06 12:00:00 PM		EPA 8260B VOLATILES by GC/MS EPA 5030B			5/3/06	R32849	5/8/06	

# AMRO Environmental Laboratories Corp.

17-May-06

## DATES REPORT

Lab Order:	Client:	Project:	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
0605030-030	SHAW E & I, Inc.	101960 Textron									
0605030-11A	MW-201S			5/3/06 12:00:00 PM	Groundwater	EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/6/06	R32833	5/6/06	
0605030-11B						Hach 8000 COD				5/11/06	
0605030-11C						Ion Chromatography, EPA 300				5/12/06	
0605030-12A	MW-201D			5/3/06 12:30:00 PM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/6/06	R32833	5/6/06	
0605030-12B						EPA 8260B VOLATILES by GC/MS				5/8/06	
0605030-12C						Hach 8000 COD				5/11/06	
0605030-13A	MW-203S			5/3/06 1:00:00 PM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/3/06	R32849	5/8/06	
0605030-13B						Hach 8000 COD				5/11/06	
0605030-13C						Ion Chromatography, EPA 300				5/11/06	
0605030-14A	MW-203D			5/3/06 1:30:00 PM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/3/06	R32849	5/8/06	
0605030-14B						Hach 8000 COD				5/11/06	

**AMRO Environmental Laboratories Corp.**

17-May-06

**DATES REPORT**

Lab Order:	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Prep Date	Batch ID	Analysis Date
0605030	SHAW E & I, Inc.			Preparatory Test Name			TCLP Date
Project:	101960 Textron						
Sample ID							
0605030-14C	MW-203D	5/3/06 1:30:00 PM	Groundwater	Ion Chromatography, EPA 300			5/11/06
0605030-15A	MW-209D	5/3/06 2:00:00 PM	EPA 8260B VOLATILES by GC/MS EPA 5030B		5/10/06	R32892	5/10/06
0605030-15B			EPA 8260B VOLATILES by GC/MS Hach 8000 COD		5/9/06	R32863	5/9/06
0605030-15C			Ion Chromatography, EPA 300				5/11/06
0605030-16A	MW-112	5/3/06 2:30:00 PM	EPA 8260B VOLATILES by GC/MS EPA 5030B		5/9/06	R32863	5/9/06
0605030-16B			Hach 8000 COD				5/11/06
0605030-16C			Ion Chromatography, EPA 300				5/11/06
0605030-17A	MW-205	5/3/06 3:00:00 PM	EPA 8260B VOLATILES by GC/MS EPA 5030B		5/10/06	R32879	5/10/06
0605030-17B			Hach 8000 COD				5/11/06
0605030-17C			Ion Chromatography, EPA 300				5/12/06
0605030-18A	MW-208D	5/3/06 3:30:00 PM	EPA 8260B VOLATILES by GC/MS EPA 5030B		5/9/06	R32863	5/9/06

**AMRO Environmental Laboratories Corp.**

17-May-06

**DATES REPORT**

Lab Order:	Client Sample ID	Collection Date	Matrix	Analytical Test Name	Preparatory Test Name	Prep Date	Batch ID	Analysis Date	TCLP Date
0605030-18B	MW-208D	5/3/06 3:30:00 PM	Groundwater	Hach 8000 COD		5/11/06	R32982		
0605030-18C				Ion Chromatography, EPA 300		5/12/06	R32917		
0605030-19A	MW-208S	5/3/06 4:00:00 PM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/9/06	R32663	5/9/06	
0605030-19B				Hach 8000 COD		5/11/06	R32982		
0605030-19C				Ion Chromatography, EPA 300		5/12/06	R32917		
0605030-20A	MW-116S	5/3/06 4:30:00 PM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/10/06	R32879	5/10/06	
0605030-20B				Hach 8000 COD		5/11/06	R32982		
0605030-20C				Ion Chromatography, EPA 300		5/11/06	R32992		
0605030-21A	MW-116	5/3/06 5:00:00 PM		EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/10/06	R32879	5/10/06	
0605030-21B				Hach 8000 COD		5/11/06	R32982		
0605030-21C				Ion Chromatography, EPA 300		5/11/06	R32992		
0605030-22A	Trip Blank	5/3/06	Trip Blank	EPA 8260B VOLATILES by GC/MS	EPA 5030B	5/3/06	R32849	5/8/06	

AMRO Environmental Laboratories Corporation  
111 Herrick Street  
Merrimack, NH 03054

## CHAIN-OF-CUSTODY RECORD

No. 53523

Office: (603) 424-2022  
Fax: (603) 429-8496  
web: www.amrolabs.com

Project No.: 101960	Project Name: Textron	Project State: RI	Project Manager: Ed Vandoren	Samplers (Signature):	AMRO Project No.: 0605020
P.O.#: 157413	Results Needed by: <i>Standard</i>	Seal Intact? Yes No N/A	REQUESTED ANALYSES		
QUOTE #:					
Sample ID:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab
MW-206D	5/3/6	0700	GW	5, <i>20ml</i> (3) <i>7ml</i>	3 - 1 -
MW-206S		0730			
MW-207D		0800			
MW-204S		0830			
MW-207S		0900			
MW-207D		0930			
MW-202S		1000			
MW-202D		1030			
MW-202S DUTP.		1100			
MW-105D		1130			
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other					
PRIORITY TURNAROUND TIME AUTHORIZATION					
Before submitting samples for expedited TAT, you must have a coded AUTHORIZATION NUMBER					
AUTHORIZATION No.: BY: <i>Ed Vandoren</i>					
PHONE #: 603-870-4500 FAX #: 603-870-4501					
Relinquished By: <i>Ed Vandoren</i>					
Date/Time Received By: <i>Ed Vandoren</i>					
Method: 6010 <input type="checkbox"/> 200.7 <input type="checkbox"/> Other Metals: <input type="checkbox"/>					
Dissolved Metals Field Filtered? YES <input type="checkbox"/> NO <input type="checkbox"/> NO					
MCP Presumptive Certainty Required? MCP Methods Needed:					
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> V YES <input type="checkbox"/> NO <input type="checkbox"/> V					
AMRO report package level needed: <input type="checkbox"/> S-1 <input checked="" type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> Other: <input type="checkbox"/> EDD required: <input type="checkbox"/> GS Key <input type="checkbox"/>					
KNOWN SITE CONTAMINATION:					
Samples arriving after 12:00 PM will be packed and billed as AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.					
Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.					
Yellow: Accompanies Report White: Lab Copy					
Print: Client Copy Sheet: OF AMROCOC2004, Rev. 3, 08/18/04					

AMRO Environmental Laboratories Corporation  
111 Herrick Street  
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

No. 53524

Office: (603) 424-2022  
Fax: (603) 429-8496  
web: www.amrolabs.com

Project No.: 101960	Project Name: Textron	Project State: RI	Project Manager: Ed Van Doren	Samplers (Signature): <u>L.A.</u>	AMRO Project No.: 003030
P.O.#: 157413	Results Needed by: <u>Standart</u>	Seal Intact? Yes No N/A	Date/Time Sampled 2005-11-16	REQUESTED ANALYSES	
QUOTE #:			Sample ID.: 2005-11-16	Total # of Cont. & Size 5.25cc	Remarks
		Date/Time Sampled 2005-11-16	Matrix GW	Comp. Grab	
Preservative: Cl-HCl, MeOH, NHNO3, S-H2SO4, Na-NaOH, O- Other					
PRIORITY TURNAROUND TIME AUTHORIZATION Before submitting samples for expedited TAT, you must have a coded AUTHORIZATION NUMBER AUTHORIZATION No.: BY:					
PHONE #: 603-870-4500 FAX #: 603-870-4501 E-mail: Edward.Vandoren@shawgrp.com					
Relinquished By: <u>M. Viscovi &amp; J. L. Janzen</u>					
Date/Time <u>9/9/05</u>					
Received By <u>John Chang</u>					
Comments: <u>After 10/7/05</u>					
AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.					
Yellow: Accompanies Report White: Lab Copy		Pink: Client Copy		SHEET OF	AMROCC2004, Rev.3, 08/18/04

AMRO Environmental Laboratories Corporation  
111 Herrick Street  
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

No. 53025

Office: (603) 424-2022  
Fax: (603) 429-8496  
web: www.amrolabs.com

Project No.: 101960	Project Name: Textron	Project State: RI	Project Manager: Ed Vandoren	Samplers (Signature):												Remarks									
				REQUESTED ANALYSES																					
P.O.#: 157413	Results Needed by: <u>Standard</u>	Seal Intact? Yes No N/A	Date/Time Sampled	Matrix	Total # of Cont & Size	Comp.	Grab																		
QUOTE #:																									
Sample ID:																									
May - 2015	5/16 12:00	GW	1																						
May - 2015	12:30																								
May - 2015	13:00																								
May - 2015	13:30																								
May - 2015	14:00																								
May - 2015	14:30																								
May - 2015	15:00																								
May - 2015	15:30																								
May - 2015	16:00																								
May - 16 15	16:30																								
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other																C1	S								
PRIORITY TURNAROUND TIME AUTHORIZATION																METALS		8 RCRA	<input type="checkbox"/>	13 PP	<input type="checkbox"/>	23 TAL	<input type="checkbox"/>	14 MCP	<input type="checkbox"/>
Before submitting samples for expedited TAT, you must have a coded AUTHORIZATION NUMBER																Method:		6010	<input type="checkbox"/>	2007	<input type="checkbox"/>	Other Metals:			
AUTHORIZATION No.: BY:																Dissolved Metals Field Filtered?		YES	<input type="checkbox"/>	NO	<input type="checkbox"/>				
Shaw Environmental Cleaning 111 Northeastern Blvd. Salem, NH 03079-1953																MCP Presumptive Certainty Required?		YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	Required Reporting Limits:			
PHONE #: 603-870-4500 FAX #: 603-870-4501																MCP Methods Needed:		YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	GW-1			
E-mail: Edward.Vandoren@Shawgrp.com																AMRO report package		S-1	<input type="checkbox"/>	GW-2	<input type="checkbox"/>				
Relinquished By: <u>Edward Vandoren</u>																Level needed:		S-2	<input type="checkbox"/>	GW-3	<input type="checkbox"/>				
Date/Time <u>5/16/15</u>																Received By: <u>Ed Vandoren</u>		EDD required:		Other:					
Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.																<u>Ed Vandoren</u>		<u>Ed Vandoren</u>		<u>Ed Vandoren</u>					
White: Lab Copy																Pink: Accompanies Report		OF		OF					
Yellow: Client Copy																Sheet 1 of 1		Sheet 1 of 1		Sheet 1 of 1					
Please arrive after 12:00 noon, will be picked and billed as samples arriving after 12:00 noon, will be picked and billed as received on the following day.																AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.		AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.		KNOWN SITE CONTAMINATION:					
White: Lab Copy																Pink: Accompanies Report		OF		OF					
Yellow: Client Copy																Sheet 1 of 1		Sheet 1 of 1		Sheet 1 of 1					
AMROCOC2004, Rev.3 08/18/04																AMROCOC2004, Rev.3 08/18/04		AMROCOC2004, Rev.3 08/18/04		AMROCOC2004, Rev.3 08/18/04					

# SAMPLE RECEIPT CHECKLIST

111 Herrick Street  
Merrimack, NH 03054  
(603) 424-2022

Client: <i>SHAW</i>	AMRO ID: <i>0605030</i>		
Project Name: <i>101960 TEXTRON</i>	Date Rec.: <i>5-4-06</i>		
Ship via: (circle one) Fed Ex., UPS, AMRO Courier, Hand Del., Other Courier, Other:	Date Due: <i>5-11-06</i>		
<b>Items to be Checked Upon Receipt</b> 1. Army Samples received in individual plastic bags? 2. Custody Seals present? 3. Custody Seals Intact? 4. Air Bill included in folder if received? 5. Is COC included with samples? 6. Is COC signed and dated by client? 7. Laboratory receipt temperature. TEMP = <i>60</i> Samples rec. with ice <input checked="" type="checkbox"/> ice packs <input type="checkbox"/> neither <input type="checkbox"/> 8. Were samples received the same day they were sampled? Is client temperature $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ? If no obtain authorization from the client for the analyses. Client authorization from: _____ Date: _____ Obtained by: _____ 9. Is the COC filled out correctly and completely? 10. Does the info on the COC match the samples? 11. Were samples rec. within holding time? 12. Were all samples properly labeled? 13. Were all samples properly preserved? 14. Were proper sample containers used? 15. Were all samples received intact? (none broken or leaking) 16. Were VOA vials rec. with no air bubbles? 17. Were the sample volumes sufficient for requested analysis? 18. Were all samples received? 19. VPH and VOA Soils only: Sampling Method VPH (circle one): M=Methanol, E=EnCore (air-tight container) Sampling Method VOA (circle one): M=Methanol, SB=Sodium Bisulfate, E=EnCore, B=Bulk If M or SB: Does preservative cover the soil? If NO then client must be faxed. Does preservation level come close to the fill line on the vial? If NO then client must be faxed. Were vials provided by AMRO? If NO then weights MUST be obtained from client Was dry weight aliquot provided? If NO then fax client and inform the VOA lab ASAP.			
20. Subcontracted Samples: What samples sent: Where sent: Date: Analysis: TAT:			
21. Information entered into: Internal Tracking Log? <input checked="" type="checkbox"/> Dry Weight Log? <input checked="" type="checkbox"/> Client Log? <input checked="" type="checkbox"/> Composite Log? <input checked="" type="checkbox"/> Filtration Log? <input checked="" type="checkbox"/>			
Received By: <i>MG</i> Labeled By: <i>CC</i>	Date: <i>5-4-06</i> Date: <i>5-5-06</i>	Logged in By: <i>CC</i> Checked By: <i>MG</i>	Date: <i>5-5-06</i> Date: <i>5-5-06</i>

**AMRO Environmental  
Laboratories Corporation**

111 Herrick Street  
Merrimack, NH 03054  
(603) 424-2022

Please Circle if:  
Sample = Soil  
Sample = Waste

AMRO ID: 0605030

\* = if the laboratory preserves the drinking water sample (s) for EPA Method 200 series, sample (s) should be held at least 16 hours prior to analysis

pH Checked By:

16

Date: 5-5-06

pH adjusted By:

Date:

**CLIENT:** SHAW E & I, Inc.  
**Project:** 101960 Textron  
**Lab Order:** 0605030

**CASE NARRATIVE****VOLATILES-WATER:**

1. A Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample MW-206D (0605030-01A) Batch ID: R32828.

1.1 The % Recovery for 1 analyte out of 65 analytes in the MS was outside the laboratory control limits.

1.2 The % Recovery for 2 analytes out of 65 analytes in the MSD was outside the laboratory control limits.

1.3 The %RPD for 3 analytes out of 65analytes was outside the laboratory control limits.

2. A Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample MW-202D (0605030-08A) Batch ID: R32833.

2.1 The % Recovery for 1 analyte out of 65 analytes in the MS was outside the laboratory control limits.

2.2 The % Recovery for 1 analyte out of 65 analytes in the MSD was outside the laboratory control limits.

## DATA COMMENT PAGE

### **Organic Data Qualifiers**

- ND Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
- H Method prescribed holding time exceeded.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- # See Case Narrative

### **Micro Data Qualifiers**

- TNTC Too numerous to count

### **Inorganic Data Qualifiers**

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
- H Indicates analytical holding time exceedance.
- B Indicates that the analyte is found in the associated blank, as well as in the sample.
- MSA Indicates value determined by the Method of Standard Addition
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- W Post-digestion spike for Furnace AA analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- \*
- + Duplicate analysis not within control limits.
- Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
- # See Case Narrative

#### **Report Comments:**

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-01A

**Client Sample ID:** MW-206D  
**Collection Date:** 5/3/06 7:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: KT
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 12:28:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 12:28:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 12:28:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 12:28:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 12:28:00 PM
Acetone	ND	10		µg/L	1	5/06 12:28:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 12:28:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 12:28:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 12:28:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 12:28:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 12:28:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
2-Butanone	ND	10		µg/L	1	5/06 12:28:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 12:28:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 12:28:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 12:28:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 12:28:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
1,1,1-Trichloroethane	7.6	2.0		µg/L	1	5/06 12:28:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 12:28:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 12:28:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
Benzene	ND	1.0		µg/L	1	5/06 12:28:00 PM
Trichloroethene	180	2.0		µg/L	1	5/06 12:28:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 12:28:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 12:28:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 12:28:00 PM
Toluene	ND	2.0		µg/L	1	5/06 12:28:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 12:28:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 12:28:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 12:28:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 12:28:00 PM
Tetrachloroethene	91	2.0		µg/L	1	5/06 12:28:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 12:28:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-01A

**Client Sample ID:** MW-206D  
**Collection Date:** 5/3/06 7:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
o-Xylene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Styrene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Bromoform	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/5/06 12:28:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Naphthalene	ND	5.0		µg/L	1	5/5/06 12:28:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/5/06 12:28:00 PM
Surr: Dibromofluoromethane	106	85-116		%REC	1	5/5/06 12:28:00 PM
Surr: 1,2-Dichloroethane-d4	105	77-127		%REC	1	5/5/06 12:28:00 PM
Surr: Toluene-d8	102	86-114		%REC	1	5/5/06 12:28:00 PM
Surr: 4-Bromofluorobenzene	98.9	79-117		%REC	1	5/5/06 12:28:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-02A

**Client Sample ID:** MW-206S  
**Collection Date:** 5/3/06 7:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: KT
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 1:02:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 1:02:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 1:02:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 1:02:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 1:02:00 PM
Acetone	ND	10		µg/L	1	5/06 1:02:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 1:02:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 1:02:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 1:02:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 1:02:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
2-Butanone	ND	10		µg/L	1	5/06 1:02:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 1:02:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 1:02:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 1:02:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Benzene	ND	1.0		µg/L	1	5/06 1:02:00 PM
Trichloroethene	3.2	2.0		µg/L	1	5/06 1:02:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 1:02:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 1:02:00 PM
Toluene	ND	2.0		µg/L	1	5/06 1:02:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 1:02:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 1:02:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Tetrachloroethene	9.8	2.0		µg/L	1	5/06 1:02:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 1:02:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-02A

**Client Sample ID:** MW-206S  
**Collection Date:** 5/3/06 7:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 1:02:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Styrene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 1:02:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 1:02:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 1:02:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 1:02:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 1:02:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 1:02:00 PM
Surr: Dibromofluoromethane	107	85-116		%REC	1	5/06 1:02:00 PM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/06 1:02:00 PM
Surr: Toluene-d8	99.6	86-114		%REC	1	5/06 1:02:00 PM
Surr: 4-Bromofluorobenzene	95.7	79-117		%REC	1	5/06 1:02:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Client Sample ID:</b>	MW-204D
<b>Lab Order:</b>	0605030	<b>Collection Date:</b>	5/3/06 8:00:00 AM
<b>Project:</b>	101960 Textron	<b>Matrix:</b>	GROUNDWATER
<b>Lab ID:</b>	0605030-03A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>	<b>SW8260B</b>					<b>Analyst: KT</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 1:37:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 1:37:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 1:37:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 1:37:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 1:37:00 PM
Acetone	ND	10		µg/L	1	5/06 1:37:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 1:37:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 1:37:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 1:37:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 1:37:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
2-Butanone	ND	10		µg/L	1	5/06 1:37:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 1:37:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 1:37:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 1:37:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Benzene	ND	1.0		µg/L	1	5/06 1:37:00 PM
Trichloroethene	6.6	2.0		µg/L	1	5/06 1:37:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 1:37:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 1:37:00 PM
Toluene	ND	2.0		µg/L	1	5/06 1:37:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 1:37:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 1:37:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Tetrachloroethene	86	2.0		µg/L	1	5/06 1:37:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 1:37:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-03A

**Client Sample ID:** MW-204D  
**Collection Date:** 5/3/06 8:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 1:37:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Styrene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 1:37:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 1:37:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 1:37:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 1:37:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 1:37:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 1:37:00 PM
Surr: Dibromofluoromethane	103	85-116		%REC	1	5/06 1:37:00 PM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/06 1:37:00 PM
Surr: Toluene-d8	99.2	86-114		%REC	1	5/06 1:37:00 PM
Surr: 4-Bromofluorobenzene	95.9	79-117		%REC	1	5/06 1:37:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-04A

**Client Sample ID:** MW-204S  
**Collection Date:** 5/3/06 8:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: KT
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 2:13:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 2:13:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 2:13:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 2:13:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 2:13:00 PM
Acetone	ND	10		µg/L	1	5/06 2:13:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 2:13:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 2:13:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 2:13:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 2:13:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
2-Butanone	ND	10		µg/L	1	5/06 2:13:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:13:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 2:13:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 2:13:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Benzene	ND	1.0		µg/L	1	5/06 2:13:00 PM
Trichloroethene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 2:13:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:13:00 PM
Toluene	ND	2.0		µg/L	1	5/06 2:13:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:13:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 2:13:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Tetrachloroethene	15	2.0		µg/L	1	5/06 2:13:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 2:13:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-04A

**Client Sample ID:** MW-204S  
**Collection Date:** 5/3/06 8:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 2:13:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Styrene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 2:13:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 2:13:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 2:13:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 2:13:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 2:13:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 2:13:00 PM
Surr: Dibromofluoromethane	110	85-116		%REC	1	5/06 2:13:00 PM
Surr: 1,2-Dichloroethane-d4	105	77-127		%REC	1	5/06 2:13:00 PM
Surr: Toluene-d8	100	86-114		%REC	1	5/06 2:13:00 PM
Surr: 4-Bromofluorobenzene	96.2	79-117		%REC	1	5/06 2:13:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-05A

**Client Sample ID:** MW-207S  
**Collection Date:** 5/3/06 9:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>					<b>SW8260B</b>	
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 2:47:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 2:47:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 2:47:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 2:47:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
Trichlorofluoromethane	9.8	2.0		µg/L	1	5/06 2:47:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 2:47:00 PM
Acetone	ND	10		µg/L	1	5/06 2:47:00 PM
1,1-Dichloroethene	2.2	1.0		µg/L	1	5/06 2:47:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 2:47:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 2:47:00 PM
Methyl tert-butyl ether	3.2	2.0		µg/L	1	5/06 2:47:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,1-Dichloroethane	3.9	2.0		µg/L	1	5/06 2:47:00 PM
2-Butanone	ND	10		µg/L	1	5/06 2:47:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:47:00 PM
cis-1,2-Dichloroethene	17	2.0		µg/L	1	5/06 2:47:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 2:47:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 2:47:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,1,1-Trichloroethane	15	2.0		µg/L	1	5/06 2:47:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 2:47:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
Benzene	ND	1.0		µg/L	1	5/06 2:47:00 PM
Trichloroethene	130	2.0		µg/L	1	5/06 2:47:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:47:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 2:47:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:47:00 PM
Toluene	ND	2.0		µg/L	1	5/06 2:47:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:47:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 2:47:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 2:47:00 PM
Tetrachloroethene	9,700	200		µg/L	100	5/06 7:44:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 2:47:00 PM

**AMRO Environmental Laboratories Corp.**
**Date: 17-May-06**

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-05A

**Client Sample ID:** MW-207S  
**Collection Date:** 5/3/06 9:00:00 AM  
**Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
Chlorobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,1,1,2-Tetrachloroethane	2.1	2.0		µg/L	1	5/06 2:47:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 2:47:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 2:47:00 PM
Styrene	ND	2.0		µg/L	1	5/06 2:47:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 2:47:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 2:47:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 2:47:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 2:47:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 2:47:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 2:47:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 2:47:00 PM
Surr: Dibromofluoromethane	107	85-116		%REC	1	5/06 2:47:00 PM
Surr: 1,2-Dichloroethane-d4	105	77-127		%REC	1	5/06 2:47:00 PM
Surr: Toluene-d8	102	86-114		%REC	1	5/06 2:47:00 PM
Surr: 4-Bromofluorobenzene	89.2	79-117		%REC	1	5/06 2:47:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-06A

**Client Sample ID:** MW-207D  
**Collection Date:** 5/3/06 9:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		SW8260B				Analyst: KT
Dichlorodifluoromethane	ND	5.0	µg/L		1	5/06 3:22:00 PM
Chloromethane	ND	5.0	µg/L		1	5/06 3:22:00 PM
Vinyl chloride	ND	2.0	µg/L		1	5/06 3:22:00 PM
Chloroethane	ND	5.0	µg/L		1	5/06 3:22:00 PM
Bromomethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
Trichlorofluoromethane	11	2.0	µg/L		1	5/06 3:22:00 PM
Diethyl ether	ND	5.0	µg/L		1	5/06 3:22:00 PM
Acetone	ND	10	µg/L		1	5/06 3:22:00 PM
1,1-Dichloroethene	2.2	1.0	µg/L		1	5/06 3:22:00 PM
Carbon disulfide	ND	2.0	µg/L		1	5/06 3:22:00 PM
Methylene chloride	ND	5.0	µg/L		1	5/06 3:22:00 PM
Methyl tert-butyl ether	2.2	2.0	µg/L		1	5/06 3:22:00 PM
trans-1,2-Dichloroethene	ND	2.0	µg/L		1	5/06 3:22:00 PM
1,1-Dichloroethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
2-Butanone	ND	10	µg/L		1	5/06 3:22:00 PM
2,2-Dichloropropane	ND	2.0	µg/L		1	5/06 3:22:00 PM
cis-1,2-Dichloroethene	2.1	2.0	µg/L		1	5/06 3:22:00 PM
Chloroform	ND	2.0	µg/L		1	5/06 3:22:00 PM
Tetrahydrofuran	ND	10	µg/L		1	5/06 3:22:00 PM
Bromochloromethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
1,1,1-Trichloroethane	9.5	2.0	µg/L		1	5/06 3:22:00 PM
1,1-Dichloropropene	ND	2.0	µg/L		1	5/06 3:22:00 PM
Carbon tetrachloride	ND	2.0	µg/L		1	5/06 3:22:00 PM
1,2-Dichloroethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
Benzene	ND	1.0	µg/L		1	5/06 3:22:00 PM
Trichloroethene	160	2.0	µg/L		1	5/06 3:22:00 PM
1,2-Dichloropropane	ND	2.0	µg/L		1	5/06 3:22:00 PM
Bromodichloromethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
Dibromomethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
4-Methyl-2-pentanone	ND	10	µg/L		1	5/06 3:22:00 PM
cis-1,3-Dichloropropene	ND	1.0	µg/L		1	5/06 3:22:00 PM
Toluene	ND	2.0	µg/L		1	5/06 3:22:00 PM
trans-1,3-Dichloropropene	ND	1.0	µg/L		1	5/06 3:22:00 PM
1,1,2-Trichloroethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
1,2-Dibromoethane	ND	2.0	µg/L		1	5/06 3:22:00 PM
2-Hexanone	ND	10	µg/L		1	5/06 3:22:00 PM
1,3-Dichloropropane	ND	2.0	µg/L		1	5/06 3:22:00 PM
Tetrachloroethene	6,700	200	µg/L		100	5/06 8:19:00 PM
Dibromochloromethane	ND	2.0	µg/L		1	5/06 3:22:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-06A

**Client Sample ID:** MW-207D  
**Collection Date:** 5/3/06 9:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,1,1,2-Tetrachloroethane	2.2	2.0		µg/L	1	5/06 3:22:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 3:22:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 3:22:00 PM
Styrene	ND	2.0		µg/L	1	5/06 3:22:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 3:22:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 3:22:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 3:22:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 3:22:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 3:22:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 3:22:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 3:22:00 PM
Surr: Dibromofluoromethane	106	85-116		%REC	1	5/06 3:22:00 PM
Surr: 1,2-Dichloroethane-d4	106	77-127		%REC	1	5/06 3:22:00 PM
Surr: Toluene-d8	98.8	86-114		%REC	1	5/06 3:22:00 PM
Surr: 4-Bromofluorobenzene	91.3	79-117		%REC	1	5/06 3:22:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-07A

**Client Sample ID:** MW-202S**Collection Date:** 5/3/06 10:00:00 AM**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>					<b>Analyst: KT</b>	
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 3:58:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 3:58:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 3:58:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 3:58:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 3:58:00 PM
Acetone	ND	10		µg/L	1	5/06 3:58:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 3:58:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 3:58:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 3:58:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 3:58:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
2-Butanone	ND	10		µg/L	1	5/06 3:58:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 3:58:00 PM
cis-1,2-Dichloroethene	90	2.0		µg/L	1	5/06 3:58:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 3:58:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 3:58:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,1,1-Trichloroethane	7.2	2.0		µg/L	1	5/06 3:58:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 3:58:00 PM
Carbon tetrachloride	2.6	2.0		µg/L	1	5/06 3:58:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Benzene	2.0	1.0		µg/L	1	5/06 3:58:00 PM
Trichloroethene	53	2.0		µg/L	1	5/06 3:58:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 3:58:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 3:58:00 PM
Toluene	ND	2.0		µg/L	1	5/06 3:58:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 3:58:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 3:58:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Tetrachloroethene	46,000	1,000		µg/L	500	5/06 5:32:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 3:58:00 PM

**AMRO Environmental Laboratories Corp.**
**Date: 17-May-06**

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-07A

**Client Sample ID:** MW-202S  
**Collection Date:** 5/3/06 10:00:00 AM  
**Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
Chlorobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,1,1,2-Tetrachloroethane	4.3	2.0		µg/L	1	5/06 3:58:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 3:58:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 3:58:00 PM
Styrene	ND	2.0		µg/L	1	5/06 3:58:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 3:58:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 3:58:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 3:58:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 3:58:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 3:58:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 3:58:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 3:58:00 PM
Surr: Dibromofluoromethane	106	85-116		%REC	1	5/06 3:58:00 PM
Surr: 1,2-Dichloroethane-d4	105	77-127		%REC	1	5/06 3:58:00 PM
Surr: Toluene-d8	98.7	86-114		%REC	1	5/06 3:58:00 PM
Surr: 4-Bromofluorobenzene	89.5	79-117		%REC	1	5/06 3:58:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-08A

**Client Sample ID:** MW-202D  
**Collection Date:** 5/3/06 10:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		SW8260B				Analyst: KT
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 4:33:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 4:33:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 4:33:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 4:33:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
Trichlorofluoromethane	2.3	2.0		µg/L	1	5/06 4:33:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 4:33:00 PM
Acetone	ND	10		µg/L	1	5/06 4:33:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 4:33:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 4:33:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 4:33:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 4:33:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
2-Butanone	ND	10		µg/L	1	5/06 4:33:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 4:33:00 PM
cis-1,2-Dichloroethene	44	2.0		µg/L	1	5/06 4:33:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 4:33:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 4:33:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,1,1-Trichloroethane	5.1	2.0		µg/L	1	5/06 4:33:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 4:33:00 PM
Carbon tetrachloride	12	2.0		µg/L	1	5/06 4:33:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
Benzene	1.4	1.0		µg/L	1	5/06 4:33:00 PM
Trichloroethene	140	2.0		µg/L	1	5/06 4:33:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 4:33:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 4:33:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 4:33:00 PM
Toluene	ND	2.0		µg/L	1	5/06 4:33:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 4:33:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 4:33:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 4:33:00 PM
Tetrachloroethene	35,000	400		µg/L	200	5/06 6:05:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 4:33:00 PM

**AMRO Environmental Laboratories Corp.**
**Date: 17-May-06**

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-08A

**Client Sample ID:** MW-202D  
**Collection Date:** 5/3/06 10:30:00 AM  
**Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
Chlorobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,1,1,2-Tetrachloroethane	20	2.0		µg/L	1	5/06 4:33:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 4:33:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 4:33:00 PM
Styrene	ND	2.0		µg/L	1	5/06 4:33:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 4:33:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 4:33:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 4:33:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 4:33:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 4:33:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 4:33:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 4:33:00 PM
Surr: Dibromofluoromethane	104	85-116		%REC	1	5/06 4:33:00 PM
Surr: 1,2-Dichloroethane-d4	107	77-127		%REC	1	5/06 4:33:00 PM
Surr: Toluene-d8	95.6	86-114		%REC	1	5/06 4:33:00 PM
Surr: 4-Bromofluorobenzene	90.3	79-117		%REC	1	5/06 4:33:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-09A

**Client Sample ID:** MW-202S DUP.  
**Collection Date:** 5/3/06 11:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>						<b>Analyst: KT</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 5:08:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 5:08:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 5:08:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 5:08:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 5:08:00 PM
Acetone	ND	10		µg/L	1	5/06 5:08:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 5:08:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 5:08:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 5:08:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 5:08:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 5:08:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
2-Butanone	ND	10		µg/L	1	5/06 5:08:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 5:08:00 PM
cis-1,2-Dichloroethene	43	2.0		µg/L	1	5/06 5:08:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 5:08:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 5:08:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
1,1,1-Trichloroethane	3.7	2.0		µg/L	1	5/06 5:08:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 5:08:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 5:08:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
Benzene	1.2	1.0		µg/L	1	5/06 5:08:00 PM
Trichloroethene	26	2.0		µg/L	1	5/06 5:08:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 5:08:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 5:08:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 5:08:00 PM
Toluene	ND	2.0		µg/L	1	5/06 5:08:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 5:08:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 5:08:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 5:08:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 5:08:00 PM
Tetrachloroethene	26,000	200		µg/L	100	5/06 6:34:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 5:08:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-09A

**Client Sample ID:** MW-202S DUP.  
**Collection Date:** 5/3/06 11:00:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
o-Xylene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Styrene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Bromoform	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/5/06 5:08:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Naphthalene	ND	5.0		µg/L	1	5/5/06 5:08:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/5/06 5:08:00 PM
Surr: Dibromofluoromethane	104	85-116		%REC	1	5/5/06 5:08:00 PM
Surr: 1,2-Dichloroethane-d4	105	77-127		%REC	1	5/5/06 5:08:00 PM
Surr: Toluene-d8	96.5	86-114		%REC	1	5/5/06 5:08:00 PM
Surr: 4-Bromofluorobenzene	89.8	79-117		%REC	1	5/5/06 5:08:00 PM

**AMRO Environmental Laboratories Corp.**
**Date: 17-May-06**

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-10A

**Client Sample ID:** MW-101D  
**Collection Date:** 5/3/06 11:30:00 AM  
**Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>EPA 8260 VOLATILES BY GC/MS</b>		SW8260B				<b>Analyst: SK</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
Chloromethane	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Chloroethane	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
Bromomethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
Acetone	ND	10		µg/L	1	5/6/06 5:25:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/6/06 5:25:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
2-Butanone	ND	10		µg/L	1	5/6/06 5:25:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
cis-1,2-Dichloroethene	5.9	2.0		µg/L	1	5/6/06 5:25:00 PM
Chloroform	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/6/06 5:25:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Benzene	ND	1.0		µg/L	1	5/6/06 5:25:00 PM
Trichloroethene	6.0	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/6/06 5:25:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/6/06 5:25:00 PM
Toluene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/6/06 5:25:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
2-Hexanone	ND	10		µg/L	1	5/6/06 5:25:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Tetrachloroethene	80	2.0		µg/L	1	5/6/06 5:25:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-10A

**Client Sample ID:** MW-101D  
**Collection Date:** 5/3/06 11:30:00 AM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
o-Xylene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Styrene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Bromoform	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Naphthalene	ND	5.0		µg/L	1	5/6/06 5:25:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/6/06 5:25:00 PM
Surr: Dibromofluoromethane	101	85-116		%REC	1	5/6/06 5:25:00 PM
Surr: 1,2-Dichloroethane-d4	101	77-127		%REC	1	5/6/06 5:25:00 PM
Surr: Toluene-d8	95.8	86-114		%REC	1	5/6/06 5:25:00 PM
Surr: 4-Bromofluorobenzene	95.0	79-117		%REC	1	5/6/06 5:25:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-11A

**Client Sample ID:** MW-201S  
**Collection Date:** 5/3/06 12:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 8:57:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 8:57:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 8:57:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 8:57:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 8:57:00 PM
Acetone	ND	10		µg/L	1	5/06 8:57:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 8:57:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 8:57:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 8:57:00 PM
Methyl tert-butyl ether	7.3	2.0		µg/L	1	5/06 8:57:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 8:57:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
2-Butanone	ND	10		µg/L	1	5/06 8:57:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 8:57:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 8:57:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 8:57:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 8:57:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
1,1,1-Trichloroethane	8.2	2.0		µg/L	1	5/06 8:57:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 8:57:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 8:57:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
Benzene	ND	1.0		µg/L	1	5/06 8:57:00 PM
Trichloroethene	160	2.0		µg/L	1	5/06 8:57:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 8:57:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 8:57:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 8:57:00 PM
Toluene	ND	2.0		µg/L	1	5/06 8:57:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 8:57:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 8:57:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 8:57:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 8:57:00 PM
Tetrachloroethene	1,200	200		µg/L	100	5/06 10:39:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 8:57:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-11A

**Client Sample ID:** MW-201S  
**Collection Date:** 5/3/06 12:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
o-Xylene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Styrene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Bromoform	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/8/06 8:57:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Naphthalene	ND	5.0		µg/L	1	5/8/06 8:57:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:57:00 PM
Surr: Dibromofluoromethane	104	85-116		%REC	1	5/8/06 8:57:00 PM
Surr: 1,2-Dichloroethane-d4	103	77-127		%REC	1	5/8/06 8:57:00 PM
Surr: Toluene-d8	101	86-114		%REC	1	5/8/06 8:57:00 PM
Surr: 4-Bromofluorobenzene	93.0	79-117		%REC	1	5/8/06 8:57:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-12A

**Client Sample ID:** MW-201D  
**Collection Date:** 5/3/06 12:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 9:32:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 9:32:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 9:32:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 9:32:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 9:32:00 PM
Acetone	ND	10		µg/L	1	5/06 9:32:00 PM
1,1-Dichloroethene	9.6	1.0		µg/L	1	5/06 9:32:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 9:32:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 9:32:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 9:32:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,1-Dichloroethane	3.7	2.0		µg/L	1	5/06 9:32:00 PM
2-Butanone	ND	10		µg/L	1	5/06 9:32:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 9:32:00 PM
cis-1,2-Dichloroethene	26	2.0		µg/L	1	5/06 9:32:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 9:32:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 9:32:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 9:32:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Benzene	ND	1.0		µg/L	1	5/06 9:32:00 PM
Trichloroethene	350	200		µg/L	100	5/06 11:14:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 9:32:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 9:32:00 PM
Toluene	ND	2.0		µg/L	1	5/06 9:32:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 9:32:00 PM
1,1,2-Trichloroethane	2.2	2.0		µg/L	1	5/06 9:32:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 9:32:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Tetrachloroethene	3,300	200		µg/L	100	5/06 11:14:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 9:32:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-12A

**Client Sample ID:** MW-201D  
**Collection Date:** 5/3/06 12:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 9:32:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 9:32:00 PM
Styrene	ND	2.0		µg/L	1	5/06 9:32:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 9:32:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 9:32:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 9:32:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 9:32:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 9:32:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 9:32:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 9:32:00 PM
Surr: Dibromofluoromethane	102	85-116		%REC	1	5/06 9:32:00 PM
Surr: 1,2-Dichloroethane-d4	101	77-127		%REC	1	5/06 9:32:00 PM
Surr: Toluene-d8	98.5	86-114		%REC	1	5/06 9:32:00 PM
Surr: 4-Bromofluorobenzene	89.6	79-117		%REC	1	5/06 9:32:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-13A

**Client Sample ID:** MW-203S  
**Collection Date:** 5/3/06 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses		Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS		SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L		1	5/06 7:48:00 PM
Chloromethane	ND	5.0		µg/L		1	5/06 7:48:00 PM
Vinyl chloride	ND	2.0		µg/L		1	5/06 7:48:00 PM
Chloroethane	ND	5.0		µg/L		1	5/06 7:48:00 PM
Bromomethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
Trichlorofluoromethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
Diethyl ether	ND	5.0		µg/L		1	5/06 7:48:00 PM
Acetone	ND	10		µg/L		1	5/06 7:48:00 PM
1,1-Dichloroethene	ND	1.0		µg/L		1	5/06 7:48:00 PM
Carbon disulfide	ND	2.0		µg/L		1	5/06 7:48:00 PM
Methylene chloride	ND	5.0		µg/L		1	5/06 7:48:00 PM
Methyl tert-butyl ether	5.2	2.0		µg/L		1	5/06 7:48:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L		1	5/06 7:48:00 PM
1,1-Dichloroethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
2-Butanone	ND	10		µg/L		1	5/06 7:48:00 PM
2,2-Dichloropropane	ND	2.0		µg/L		1	5/06 7:48:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L		1	5/06 7:48:00 PM
Chloroform	ND	2.0		µg/L		1	5/06 7:48:00 PM
Tetrahydrofuran	ND	10		µg/L		1	5/06 7:48:00 PM
Bromochloromethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
1,1,1-Trichloroethane	4.1	2.0		µg/L		1	5/06 7:48:00 PM
1,1-Dichloropropene	ND	2.0		µg/L		1	5/06 7:48:00 PM
Carbon tetrachloride	ND	2.0		µg/L		1	5/06 7:48:00 PM
1,2-Dichloroethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
Benzene	ND	1.0		µg/L		1	5/06 7:48:00 PM
Trichloroethene	120	2.0		µg/L		1	5/06 7:48:00 PM
1,2-Dichloropropane	ND	2.0		µg/L		1	5/06 7:48:00 PM
Bromodichloromethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
Dibromomethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
4-Methyl-2-pentanone	ND	10		µg/L		1	5/06 7:48:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L		1	5/06 7:48:00 PM
Toluene	ND	2.0		µg/L		1	5/06 7:48:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L		1	5/06 7:48:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
1,2-Dibromoethane	ND	2.0		µg/L		1	5/06 7:48:00 PM
2-Hexanone	ND	10		µg/L		1	5/06 7:48:00 PM
1,3-Dichloropropane	ND	2.0		µg/L		1	5/06 7:48:00 PM
Tetrachloroethene	44	2.0		µg/L		1	5/06 7:48:00 PM
Dibromochloromethane	ND	2.0		µg/L		1	5/06 7:48:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-I3A

**Client Sample ID:** MW-203S  
**Collection Date:** 5/3/06 1:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
o-Xylene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Styrene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Bromoform	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/8/06 7:48:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Naphthalene	ND	5.0		µg/L	1	5/8/06 7:48:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/8/06 7:48:00 PM
Surr: Dibromofluoromethane	106	85-116		%REC	1	5/8/06 7:48:00 PM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/8/06 7:48:00 PM
Surr: Toluene-d8	101	86-114		%REC	1	5/8/06 7:48:00 PM
Surr: 4-Bromofluorobenzene	90.9	79-117		%REC	1	5/8/06 7:48:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-14A

**Client Sample ID:** MW-203D  
**Collection Date:** 5/3/06 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 8:22:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 8:22:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 8:22:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 8:22:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 8:22:00 PM
Acetone	ND	10		µg/L	1	5/06 8:22:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 8:22:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 8:22:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 8:22:00 PM
Methyl tert-butyl ether	10	2.0		µg/L	1	5/06 8:22:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 8:22:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
2-Butanone	ND	10		µg/L	1	5/06 8:22:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 8:22:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 8:22:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 8:22:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 8:22:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 8:22:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 8:22:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
Benzene	ND	1.0		µg/L	1	5/06 8:22:00 PM
Trichloroethene	66	2.0		µg/L	1	5/06 8:22:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 8:22:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 8:22:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 8:22:00 PM
Toluene	ND	2.0		µg/L	1	5/06 8:22:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 8:22:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 8:22:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 8:22:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 8:22:00 PM
Tetrachloroethene	280	2.0		µg/L	1	5/06 8:22:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 8:22:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-14A

**Client Sample ID:** MW-203D  
**Collection Date:** 5/3/06 1:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
o-Xylene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Styrene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Bromoform	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/8/06 8:22:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Naphthalene	ND	5.0		µg/L	1	5/8/06 8:22:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/8/06 8:22:00 PM
Surr: Dibromofluoromethane	103	85-116		%REC	1	5/8/06 8:22:00 PM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/8/06 8:22:00 PM
Surr: Toluene-d8	97.9	86-114		%REC	1	5/8/06 8:22:00 PM
Surr: 4-Bromofluorobenzene	94.2	79-117		%REC	1	5/8/06 8:22:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-15A

**Client Sample ID:** MW-209D  
**Collection Date:** 5/3/06 2:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		<b>SW8260B</b>				
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 3:19:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 3:19:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 3:19:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 3:19:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 3:19:00 PM
Acetone	ND	10		µg/L	1	5/06 3:19:00 PM
1,1-Dichloroethene	1.1	1.0		µg/L	1	5/06 3:19:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 3:19:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 3:19:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 3:19:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 3:19:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
2-Butanone	ND	10		µg/L	1	5/06 3:19:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 3:19:00 PM
cis-1,2-Dichloroethene	2.9	2.0		µg/L	1	5/06 3:19:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 3:19:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 3:19:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 3:19:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 3:19:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
Benzene	ND	1.0		µg/L	1	5/06 3:19:00 PM
Trichloroethene	37	2.0		µg/L	1	5/06 3:19:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 3:19:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 3:19:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 3:19:00 PM
Toluene	ND	2.0		µg/L	1	5/06 3:19:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 3:19:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 3:19:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 3:19:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 3:19:00 PM
Tetrachloroethene	500	20		µg/L	10	5/10/06 2:14:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 3:19:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-15A

**Client Sample ID:** MW-209D  
**Collection Date:** 5/3/06 2:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
o-Xylene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Styrene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Bromoform	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/9/06 3:19:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Naphthalene	ND	5.0		µg/L	1	5/9/06 3:19:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/9/06 3:19:00 PM
Surr: Dibromofluoromethane	99.0	85-116		%REC	1	5/9/06 3:19:00 PM
Surr: 1,2-Dichloroethane-d4	97.9	77-127		%REC	1	5/9/06 3:19:00 PM
Surr: Toluene-d8	97.4	86-114		%REC	1	5/9/06 3:19:00 PM
Surr: 4-Bromofluorobenzene	99.8	79-117		%REC	1	5/9/06 3:19:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-16A

**Client Sample ID:** MW-112  
**Collection Date:** 5/3/06 2:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		<b>SW8260B</b>				<b>Analyst: KT</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 2:44:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 2:44:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 2:44:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 2:44:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 2:44:00 PM
Acetone	ND	10		µg/L	1	5/06 2:44:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 2:44:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 2:44:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 2:44:00 PM
Methyl tert-butyl ether	69	2.0		µg/L	1	5/06 2:44:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:44:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
2-Butanone	ND	10		µg/L	1	5/06 2:44:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:44:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:44:00 PM
Chloform	ND	2.0		µg/L	1	5/06 2:44:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 2:44:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 2:44:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 2:44:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
Benzene	ND	1.0		µg/L	1	5/06 2:44:00 PM
Trichloroethene	19	2.0		µg/L	1	5/06 2:44:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:44:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 2:44:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:44:00 PM
Toluene	ND	2.0		µg/L	1	5/06 2:44:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:44:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 2:44:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 2:44:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 2:44:00 PM
Tetrachloroethene	62	2.0		µg/L	1	5/06 2:44:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 2:44:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-16A

**Client Sample ID:** MW-112**Collection Date:** 5/3/06 2:30:00 PM**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
o-Xylene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Styrene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Bromoform	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/9/06 2:44:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Naphthalene	ND	5.0		µg/L	1	5/9/06 2:44:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/9/06 2:44:00 PM
Surr: Dibromofluoromethane	99.5	85-116		%REC	1	5/9/06 2:44:00 PM
Surr: 1,2-Dichloroethane-d4	99.5	77-127		%REC	1	5/9/06 2:44:00 PM
Surr: Toluene-d8	96.2	86-114		%REC	1	5/9/06 2:44:00 PM
Surr: 4-Bromofluorobenzene	96.5	79-117		%REC	1	5/9/06 2:44:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-17A

**Client Sample ID:** MW-205  
**Collection Date:** 5/3/06 3:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: KT
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
Chloromethane	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
Vinyl chloride	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Chloroethane	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
Bromomethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
Acetone	ND	10		µg/L	1	5/10/06 10:47:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/10/06 10:47:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
2-Butanone	ND	10		µg/L	1	5/10/06 10:47:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Chloroform	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/10/06 10:47:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Benzene	ND	1.0		µg/L	1	5/10/06 10:47:00 AM
Trichloroethene	3.4	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/10/06 10:47:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/06 10:47:00 AM
Toluene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/06 10:47:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
2-Hexanone	ND	10		µg/L	1	5/10/06 10:47:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Tetrachloroethene	6.6	2.0		µg/L	1	5/10/06 10:47:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-17A

**Client Sample ID:** MW-205  
**Collection Date:** 5/3/06 3:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
o-Xylene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Styrene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Bromoform	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Naphthalene	ND	5.0		µg/L	1	5/10/06 10:47:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/10/06 10:47:00 AM
Surr: Dibromofluoromethane	102	85-116		%REC	1	5/10/06 10:47:00 AM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/10/06 10:47:00 AM
Surr: Toluene-d8	100	86-114		%REC	1	5/10/06 10:47:00 AM
Surr: 4-Bromofluorobenzene	96.7	79-117		%REC	1	5/10/06 10:47:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-18A

**Client Sample ID:** MW-208D  
**Collection Date:** 5/3/06 3:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		<b>SW8260B</b>				
Dichlorodifluoromethane	ND	50		µg/L	10	5/9/06 6:11:00 PM
Chloromethane	ND	50		µg/L	10	5/9/06 6:11:00 PM
Vinyl chloride	ND	20		µg/L	10	5/9/06 6:11:00 PM
Chloroethane	ND	50		µg/L	10	5/9/06 6:11:00 PM
Bromomethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
Trichlorofluoromethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
Diethyl ether	ND	50		µg/L	10	5/9/06 6:11:00 PM
Acetone	ND	100		µg/L	10	5/9/06 6:11:00 PM
1,1-Dichloroethene	ND	10		µg/L	10	5/9/06 6:11:00 PM
Carbon disulfide	ND	20		µg/L	10	5/9/06 6:11:00 PM
Methylene chloride	ND	50		µg/L	10	5/9/06 6:11:00 PM
Methyl tert-butyl ether	ND	20		µg/L	10	5/9/06 6:11:00 PM
trans-1,2-Dichloroethene	ND	20		µg/L	10	5/9/06 6:11:00 PM
1,1-Dichloroethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
2-Butanone	ND	100		µg/L	10	5/9/06 6:11:00 PM
2,2-Dichloropropane	ND	20		µg/L	10	5/9/06 6:11:00 PM
cis-1,2-Dichloroethene	250	20		µg/L	10	5/9/06 6:11:00 PM
Chloroform	ND	20		µg/L	10	5/9/06 6:11:00 PM
Tetrahydrofuran	ND	100		µg/L	10	5/9/06 6:11:00 PM
Bromochloromethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
1,1,1-Trichloroethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
1,1-Dichloropropene	ND	20		µg/L	10	5/9/06 6:11:00 PM
Carbon tetrachloride	ND	20		µg/L	10	5/9/06 6:11:00 PM
1,2-Dichloroethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
Benzene	ND	10		µg/L	10	5/9/06 6:11:00 PM
Trichloroethene	21	20		µg/L	10	5/9/06 6:11:00 PM
1,2-Dichloropropane	ND	20		µg/L	10	5/9/06 6:11:00 PM
Bromodichloromethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
Dibromomethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	5/9/06 6:11:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	5/9/06 6:11:00 PM
Toluene	ND	20		µg/L	10	5/9/06 6:11:00 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	5/9/06 6:11:00 PM
1,1,2-Trichloroethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
1,2-Dibromoethane	ND	20		µg/L	10	5/9/06 6:11:00 PM
2-Hexanone	ND	100		µg/L	10	5/9/06 6:11:00 PM
1,3-Dichloropropane	ND	20		µg/L	10	5/9/06 6:11:00 PM
Tetrachloroethene	590	20		µg/L	10	5/9/06 6:11:00 PM
Dibromochloromethane	ND	20		µg/L	10	5/9/06 6:11:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-18A

**Client Sample ID:** MW-208D  
**Collection Date:** 5/3/06 3:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	10	5/06 6:11:00 PM
Ethylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
m,p-Xylene	ND	20		µg/L	10	5/06 6:11:00 PM
o-Xylene	ND	20		µg/L	10	5/06 6:11:00 PM
Styrene	ND	20		µg/L	10	5/06 6:11:00 PM
Bromoform	ND	20		µg/L	10	5/06 6:11:00 PM
Isopropylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	5/06 6:11:00 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	5/06 6:11:00 PM
Bromobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
n-Propylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
2-Chlorotoluene	ND	20		µg/L	10	5/06 6:11:00 PM
4-Chlorotoluene	ND	20		µg/L	10	5/06 6:11:00 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
tert-Butylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
sec-Butylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
4-Isopropyltoluene	ND	20		µg/L	10	5/06 6:11:00 PM
1,3-Dichlorobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
1,4-Dichlorobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
n-Butylbenzene	ND	20		µg/L	10	5/06 6:11:00 PM
1,2-Dichlorobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	5/06 6:11:00 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
Hexachlorobutadiene	ND	20		µg/L	10	5/06 6:11:00 PM
Naphthalene	ND	50		µg/L	10	5/06 6:11:00 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	10	5/06 6:11:00 PM
Surr: Dibromofluoromethane	103	85-116		%REC	10	5/06 6:11:00 PM
Surr: 1,2-Dichloroethane-d4	101	77-127		%REC	10	5/06 6:11:00 PM
Surr: Toluene-d8	97.7	86-114		%REC	10	5/06 6:11:00 PM
Surr: 4-Bromofluorobenzene	99.7	79-117		%REC	10	5/06 6:11:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-19A

**Client Sample ID:** MW-208S  
**Collection Date:** 5/3/06 4:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS	SW8260B					Analyst: KT
Dichlorodifluoromethane	ND	50		µg/L	10	5/9/06 6:46:00 PM
Chloromethane	ND	50		µg/L	10	5/9/06 6:46:00 PM
Vinyl chloride	ND	20		µg/L	10	5/9/06 6:46:00 PM
Chloroethane	ND	50		µg/L	10	5/9/06 6:46:00 PM
Bromomethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
Trichlorofluoromethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
Diethyl ether	ND	50		µg/L	10	5/9/06 6:46:00 PM
Acetone	ND	100		µg/L	10	5/9/06 6:46:00 PM
1,1-Dichloroethene	ND	10		µg/L	10	5/9/06 6:46:00 PM
Carbon disulfide	ND	20		µg/L	10	5/9/06 6:46:00 PM
Methylene chloride	ND	50		µg/L	10	5/9/06 6:46:00 PM
Methyl tert-butyl ether	ND	20		µg/L	10	5/9/06 6:46:00 PM
trans-1,2-Dichloroethene	ND	20		µg/L	10	5/9/06 6:46:00 PM
1,1-Dichloroethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
2-Butanone	ND	100		µg/L	10	5/9/06 6:46:00 PM
2,2-Dichloropropane	ND	20		µg/L	10	5/9/06 6:46:00 PM
cis-1,2-Dichloroethene	260	20		µg/L	10	5/9/06 6:46:00 PM
Chloroform	ND	20		µg/L	10	5/9/06 6:46:00 PM
Tetrahydrofuran	ND	100		µg/L	10	5/9/06 6:46:00 PM
Bromochloromethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
1,1,1-Trichloroethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
1,1-Dichloropropene	ND	20		µg/L	10	5/9/06 6:46:00 PM
Carbon tetrachloride	ND	20		µg/L	10	5/9/06 6:46:00 PM
1,2-Dichloroethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
Benzene	ND	10		µg/L	10	5/9/06 6:46:00 PM
Trichloroethene	29	20		µg/L	10	5/9/06 6:46:00 PM
1,2-Dichloropropane	ND	20		µg/L	10	5/9/06 6:46:00 PM
Bromodichloromethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
Dibromomethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	5/9/06 6:46:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	5/9/06 6:46:00 PM
Toluene	ND	20		µg/L	10	5/9/06 6:46:00 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	5/9/06 6:46:00 PM
1,1,2-Trichloroethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
1,2-Dibromoethane	ND	20		µg/L	10	5/9/06 6:46:00 PM
2-Hexanone	ND	100		µg/L	10	5/9/06 6:46:00 PM
1,3-Dichloropropane	ND	20		µg/L	10	5/9/06 6:46:00 PM
Tetrachloroethene	680	20		µg/L	10	5/9/06 6:46:00 PM
Dibromochloromethane	ND	20		µg/L	10	5/9/06 6:46:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-19A

**Client Sample ID:** MW-208S  
**Collection Date:** 5/3/06 4:00:00 PM  
**Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
Chlorobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
1,1,2-Tetrachloroethane	ND	20		µg/L	10	5/06 6:46:00 PM
Ethylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
m,p-Xylene	ND	20		µg/L	10	5/06 6:46:00 PM
o-Xylene	ND	20		µg/L	10	5/06 6:46:00 PM
Styrene	ND	20		µg/L	10	5/06 6:46:00 PM
Bromoform	ND	20		µg/L	10	5/06 6:46:00 PM
Isopropylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	5/06 6:46:00 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	5/06 6:46:00 PM
Bromobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
n-Propylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
2-Chlorotoluene	ND	20		µg/L	10	5/06 6:46:00 PM
4-Chlorotoluene	ND	20		µg/L	10	5/06 6:46:00 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
tert-Butylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
sec-Butylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
4-Isopropyltoluene	ND	20		µg/L	10	5/06 6:46:00 PM
1,3-Dichlorobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
1,4-Dichlorobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
n-Butylbenzene	ND	20		µg/L	10	5/06 6:46:00 PM
1,2-Dichlorobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	5/06 6:46:00 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
Hexachlorobutadiene	ND	20		µg/L	10	5/06 6:46:00 PM
Naphthalene	ND	50		µg/L	10	5/06 6:46:00 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	10	5/06 6:46:00 PM
Surr: Dibromofluoromethane	104	85-116		%REC	10	5/06 6:46:00 PM
Surr: 1,2-Dichloroethane-d4	103	77-127		%REC	10	5/06 6:46:00 PM
Surr: Toluene-d8	98.6	86-114		%REC	10	5/06 6:46:00 PM
Surr: 4-Bromofluorobenzene	99.0	79-117		%REC	10	5/06 6:46:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-20A

**Client Sample ID:** MW-116S  
**Collection Date:** 5/3/06 4:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>	<b>SW8260B</b>					<b>Analyst: KT</b>
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
Chloromethane	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
Vinyl chloride	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Chloroethane	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
Bromomethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
Acetone	ND	10		µg/L	1	5/10/06 11:22:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/10/06 11:22:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
Methyl tert-butyl ether	3.9	2.0		µg/L	1	5/10/06 11:22:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
2-Butanone	ND	10		µg/L	1	5/10/06 11:22:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Chloroform	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/10/06 11:22:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Benzene	ND	1.0		µg/L	1	5/10/06 11:22:00 AM
Trichloroethene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/10/06 11:22:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/06 11:22:00 AM
Toluene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/06 11:22:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
2-Hexanone	ND	10		µg/L	1	5/10/06 11:22:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-20A

**Client Sample ID:** MW-116S  
**Collection Date:** 5/3/06 4:30:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
o-Xylene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Styrene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Bromoform	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Naphthalene	ND	5.0		µg/L	1	5/10/06 11:22:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:22:00 AM
Surr: Dibromofluoromethane	101	85-116		%REC	1	5/10/06 11:22:00 AM
Surr: 1,2-Dichloroethane-d4	104	77-127		%REC	1	5/10/06 11:22:00 AM
Surr: Toluene-d8	99.1	86-114		%REC	1	5/10/06 11:22:00 AM
Surr: 4-Bromofluorobenzene	95.0	79-117		%REC	1	5/10/06 11:22:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-21A

**Client Sample ID:** MW-116  
**Collection Date:** 5/3/06 5:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>		<b>SW8260B</b>				
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
Chloromethane	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
Vinyl chloride	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Chloroethane	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
Bromomethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Diethyl ether	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
Acetone	ND	10		µg/L	1	5/10/06 11:56:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/10/06 11:56:00 AM
Carbon disulfide	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Methylene chloride	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
Methyl tert-butyl ether	10	2.0		µg/L	1	5/10/06 11:56:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
2-Butanone	ND	10		µg/L	1	5/10/06 11:56:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Chloroform	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Tetrahydrofuran	ND	10		µg/L	1	5/10/06 11:56:00 AM
Bromochloromethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Benzene	ND	1.0		µg/L	1	5/10/06 11:56:00 AM
Trichloroethene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/10/06 11:56:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/06 11:56:00 AM
Toluene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/06 11:56:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
2-Hexanone	ND	10		µg/L	1	5/10/06 11:56:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-21A

**Client Sample ID:** MW-116  
**Collection Date:** 5/3/06 5:00:00 PM  
**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Ethylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
m,p-Xylene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
o-Xylene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Styrene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Bromoform	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Bromobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Naphthalene	ND	5.0		µg/L	1	5/10/06 11:56:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/10/06 11:56:00 AM
Surr: Dibromofluoromethane	102	85-116		%REC	1	5/10/06 11:56:00 AM
Surr: 1,2-Dichloroethane-d4	105	77-127		%REC	1	5/10/06 11:56:00 AM
Surr: Toluene-d8	97.0	86-114		%REC	1	5/10/06 11:56:00 AM
Surr: 4-Bromofluorobenzene	94.5	79-117		%REC	1	5/10/06 11:56:00 AM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-22A

**Client Sample ID:** Trip Blank  
**Collection Date:** 5/3/06  
**Matrix:** TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA 8260 VOLATILES BY GC/MS</b>						
		SW8260B				Analyst: SK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/06 2:06:00 PM
Chloromethane	ND	5.0		µg/L	1	5/06 2:06:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/06 2:06:00 PM
Chloroethane	ND	5.0		µg/L	1	5/06 2:06:00 PM
Bromomethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/06 2:06:00 PM
Acetone	ND	10		µg/L	1	5/06 2:06:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/06 2:06:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/06 2:06:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/06 2:06:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/06 2:06:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
2-Butanone	ND	10		µg/L	1	5/06 2:06:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:06:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Chloroform	ND	2.0		µg/L	1	5/06 2:06:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/06 2:06:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Benzene	ND	1.0		µg/L	1	5/06 2:06:00 PM
Trichloroethene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/06 2:06:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:06:00 PM
Toluene	ND	2.0		µg/L	1	5/06 2:06:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/06 2:06:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
2-Hexanone	ND	10		µg/L	1	5/06 2:06:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/06 2:06:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

**CLIENT:** SHAW E & I, Inc.  
**Lab Order:** 0605030  
**Project:** 101960 Textron  
**Lab ID:** 0605030-22A

**Client Sample ID:** Trip Blank  
**Collection Date:** 5/3/06  
**Matrix:** TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/06 2:06:00 PM
o-Xylene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Styrene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Bromoform	ND	2.0		µg/L	1	5/06 2:06:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/06 2:06:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/06 2:06:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	5/06 2:06:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Naphthalene	ND	5.0		µg/L	1	5/06 2:06:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	5/06 2:06:00 PM
Surr: Dibromofluoromethane	101	85-116		%REC	1	5/06 2:06:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	77-127		%REC	1	5/06 2:06:00 PM
Surr: Toluene-d8	99.6	86-114		%REC	1	5/06 2:06:00 PM
Surr: 4-Bromofluorobenzene	95.0	79-117		%REC	1	5/06 2:06:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

Sample ID: mb-05/05/06 Batch ID: R32828 Test Code: SW8260B Units: µg/L  
Client ID: Run ID: V-3\_060505A Analysis Date: 5/6/2006 11:50:00 AM Prep Date: 5/6/2006  
SeqNo: 540612

Analyte	QC Sample Result	QC Amount	Original Sample Result	Original Sample Amount	LowLimit	HighLimit	%REC	%RD	RPDlimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L							
Chloromethane	ND	3.0	µg/L							
Vinyl chloride	ND	2.0	µg/L							
Chloroethane	ND	5.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Trichlorofluoromethane	ND	2.0	µg/L							
Diethyl ether	ND	5.0	µg/L							
Acetone	ND	10	µg/L							
1,1-Dichloroethene	ND	1.0	µg/L							
Carbon disulfide	ND	2.0	µg/L							
Methylene chloride	ND	5.0	µg/L							
Methyl tert-butyl ether	ND	2.0	µg/L							
trans-1,2-Dichloroethene	ND	2.0	µg/L							
cis-1,1-Dichloroethane	ND	2.0	µg/L							
2-Butanone	ND	10	µg/L							
2,2-Dichloropropane	ND	2.0	µg/L							
cis-1,2-Dichloroethene	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Bromochloromethane	ND	2.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
Carbon tetrachloride	ND	2.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
Benzene	ND	1.0	µg/L							

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RD outside accepted recovery limits  
RPD - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

N/A - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron	ND	2.0	µg/L
Trichloroethene		ND	2.0	µg/L				
1,2-Dichloropropane		ND	2.0	µg/L				
Bromodichloromethane		ND	2.0	µg/L				
Dibromomethane		ND	2.0	µg/L				
4-Methyl-2-pentanone		ND	10	µg/L				
cis-1,3-Dichloropropene		ND	1.0	µg/L				
Toluene		ND	2.0	µg/L				
trans-1,3-Dichloropropene		ND	1.0	µg/L				
1,1,2-Trichloroethane		ND	2.0	µg/L				
1,2-Dibromoethane		ND	2.0	µg/L				
2-Hexanone		ND	10	µg/L				
1,3-Dichloropropane		ND	2.0	µg/L				
Tetrachloroethene		ND	2.0	µg/L				
Dibromochloromethane		ND	2.0	µg/L				
Chlorobenzene		ND	2.0	µg/L				
1,1,1,2-Tetrachloroethane		ND	2.0	µg/L				
Ethylbenzene		ND	2.0	µg/L				
m,p-Xylene		ND	2.0	µg/L				
o-Xylene		ND	2.0	µg/L				
Styrene		ND	2.0	µg/L				
Bromoform		ND	2.0	µg/L				
Isopropylbenzene		ND	2.0	µg/L				
1,1,2,2-Tetrachloroethane		ND	2.0	µg/L				
1,2,3-Trichloropropane		ND	2.0	µg/L				
Bromobenzene		ND	2.0	µg/L				
n-Propylbenzene		ND	2.0	µg/L				
2-Chlorotoluene		ND	2.0	µg/L				
4-Chlorotoluene		ND	2.0	µg/L				
1,3,5-Trimethylbenzene		ND	2.0	µg/L				
tert-Butylbenzene		ND	2.0	µg/L				
1,2,4-Trimethylbenzene		ND	2.0	µg/L				

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

	CLIENT:	SHAW E & I, Inc.	
	Work Order:	0605030	
	Project:	101960 Textron	
sec-Butylbenzene	ND	2.0	µg/L
4-Isopropyltoluene	ND	2.0	µg/L
1,3-Dichlorobenzene	ND	2.0	µg/L
1,4-Dichlorobenzene	ND	2.0	µg/L
n-Butylbenzene	ND	2.0	µg/L
1,2-Dichlorobenzene	ND	2.0	µg/L
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L
1,2,4-Trichlorobenzene	ND	2.0	µg/L
Hexachlorobutadiene	ND	2.0	µg/L
Naphthalene	ND	5.0	µg/L
1,2,3-Trichlorobenzene	ND	2.0	µg/L
Surr: Dibromofluoromethane	25.83	2.0	µg/L
Surr: 1,2-Dichloroethane-d4	26.26	2.0	µg/L
Surr: Toluene-d8	24.67	2.0	µg/L
Surr: 4-Bromofluorobenzene	24.73	2.0	µg/L
		25	0
		25	0
		25	0
		25	0
		0	103
		0	105
		0	98.7
		0	98.9
		0	98.9
		0	79
		0	117
		0	116
		0	127
		0	86
		0	114
		0	117

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

## AMRO Environmental Laboratories Corp.

Date: 20-May-06

## QC SUMMARY REPORT

Method Blank

CLIENT: SHAW E & I, Inc.  
 Work Order: 0605030  
 Project: 101960 Textron

Analyte	Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample		%RPD	RPD Limit	Qua
									SeqNo:	Analysis Date: 5/6/2006 3:04:00 PM			
Dichlorodifluoromethane	ND	5.0	µg/L						540757	Prep Date: 5/6/2006			
Chloromethane	ND	5.0	µg/L										
Vinyl chloride	ND	2.0	µg/L										
Chloroethane	ND	5.0	µg/L										
Bromomethane	ND	2.0	µg/L										
Trichlorofluoromethane	ND	2.0	µg/L										
Diethyl ether	ND	5.0	µg/L										
Acetone	ND	10	µg/L										
1,1-Dichloroethene	ND	1.0	µg/L										
Carbon disulfide	ND	2.0	µg/L										
Methylene chloride	ND	5.0	µg/L										
Methyl tert-butyl ether	ND	2.0	µg/L										
trans-1,2-Dichloroethene	ND	2.0	µg/L										
1,1-Dichloroethane	ND	2.0	µg/L										
2-Butanone	ND	10	µg/L										
2,2-Dichloropropane	ND	2.0	µg/L										
cis-1,2-Dichloroethene	ND	2.0	µg/L										
Chloroform	ND	10	µg/L										
Tetrahydrofuran	ND	10	µg/L										
Bromoform	ND	2.0	µg/L										
1,1,1-Trichloroethane	ND	2.0	µg/L										
1,1-Dichloropropane	ND	2.0	µg/L										
Carbon tetrachloride	ND	2.0	µg/L										
1,2-Dichloroethane	ND	2.0	µg/L										
Benzene	ND	1.0	µg/L										

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Method Blank

CLIENT:	SHAW E & I, Inc.	S - Spike Recovery outside accepted recovery limits
Work Order:	0605030	R - RPD outside accepted recovery limits
Project:	101960 Textron	NA - Not applicable where J values or ND results occur
Trichloroethene	ND	2.0 µg/L
1,2-Dichloropropane	ND	2.0 µg/L
Bromodichloromethane	ND	2.0 µg/L
Dibromomethane	ND	2.0 µg/L
4-Methyl-2-pentanone	ND	10 µg/L
cis-1,3-Dichloropropene	ND	1.0 µg/L
Toluene	ND	2.0 µg/L
trans-1,3-Dichloropropene	ND	1.0 µg/L
1,1,2-Trichloroethane	ND	2.0 µg/L
1,2-Dibromoethane	ND	2.0 µg/L
2-Hexanone	ND	10 µg/L
1,3-Dichloropropane	ND	2.0 µg/L
Tetrachloroethene	ND	2.0 µg/L
Dibromochloromethane	ND	2.0 µg/L
Chlorobenzene	ND	2.0 µg/L
1,1,1,2-Tetrachloroethane	ND	2.0 µg/L
Ethylbenzene	ND	2.0 µg/L
m,p-Xylene	ND	2.0 µg/L
o-Xylene	ND	2.0 µg/L
Styrene	ND	2.0 µg/L
Bromoform	ND	2.0 µg/L
Isopropylbenzene	ND	2.0 µg/L
1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
1,2,3-Trichloropropane	ND	2.0 µg/L
Bromobenzene	ND	2.0 µg/L
n-Propylbenzene	ND	2.0 µg/L
2-Chlorotoluene	ND	2.0 µg/L
4-Chlorotoluene	ND	2.0 µg/L
1,3,5-Trimethylbenzene	ND	2.0 µg/L
tert-Butylbenzene	ND	2.0 µg/L
1,2,4-Trimethylbenzene	ND	2.0 µg/L

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-05

**QC SUMMARY REPORT**

Method Blank

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

sec-Butylbenzene	ND	2.0	µg/L		
4-isopropyltoluene	ND	2.0	µg/L		
1,3-Dichlorobenzene	ND	2.0	µg/L		
1,4-Dichlorobenzene	ND	2.0	µg/L		
n-Butylbenzene	ND	2.0	µg/L		
1,2-Dichlorobenzene	ND	2.0	µg/L		
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L		
1,2,4-Trichlorobenzene	ND	2.0	µg/L		
Hexachlorobutadiene	ND	2.0	µg/L		
Naphthalene	ND	5.0	µg/L		
1,2,3-Trichlorobenzene	ND	2.0	µg/L		
Surr: Dibromofluoromethane	24.6	2.0	µg/L	25	0
Surr: 1,2-Dichloroethane-d4	24.46	2.0	µg/L	25	0
Surr: Toluene-d8	24.17	2.0	µg/L	25	0
Surr: 4-Bromofluorobenzene	23.8	2.0	µg/L	25	0

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT:	SHAW E & I, Inc.
Work Order:	0605030
Project:	101960 Textron

Analyte	Result	QC Sample	Result	QC Spike		%REC	Low Limit	High Limit	Original Sample	on MS Result	%RPD	RPD Limit	Qua
				Amount	Original Sample								
Dichlorodifluoromethane	ND	ND	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ND	ND	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vinyl chloride	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Chloroethane	ND	ND	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Bromomethane	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Trichlorodifluoromethane	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Diethyl ether	ND	ND	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Acetone	ND	ND	10	10	10	10	10	10	10	10	10	10	10
1,1-Dichloroethene	ND	ND	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Carbon disulfide	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Methylene chloride	ND	ND	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Methyl tert-butyl ether	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
trans-1,2-Dichloroethene	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1,1-Dichloroethane	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2-Butanone	ND	ND	10	10	10	10	10	10	10	10	10	10	10
2,2-Dichloropropane	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
cis-1,2-Dichloroethene	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Chloroform	ND	ND	10	10	10	10	10	10	10	10	10	10	10
Tetrahydrofuran	ND	ND	10	10	10	10	10	10	10	10	10	10	10
Bromo-chloromethane	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1,1,1-Trichloroethane	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1,1-Dichloropropene	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Carbon tetrachloride	ND	ND	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1,2-Dichloroethane	ND	ND	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Benzene	ND	ND	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

<b>CLIENT:</b>	SHAW E & I, Inc.
<b>Work Order:</b>	0605030
<b>Project:</b>	101960 Textron

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

## AMRO Environmental Laboratories Corp.

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

	sec-Butylbenzene	ND	2.0	µg/L
4-isopropyltoluene	ND	2.0	µg/L	
1,3-Dichlorobenzene	ND	2.0	µg/L	
1,4-Dichlorobenzene	ND	2.0	µg/L	
n-Butylbenzene	ND	2.0	µg/L	
1,2-Dichlorobenzene	ND	2.0	µg/L	
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L	
1,2,4-Trichlorobenzene	ND	2.0	µg/L	
Hexachlorobutadiene	ND	2.0	µg/L	
Naphthalene	ND	5.0	µg/L	
1,2,3-Trichlorobenzene	ND	2.0	µg/L	
Surr: Dibromofluoromethane	25.36	2.0	µg/L	25
Surr: 1,2-Dichloroethane-d4	24.59	2.0	µg/L	25
Surr: Toluene-d8	24.61	2.0	µg/L	25
Surr: 4-Bromofluorobenzene	23.51	2.0	µg/L	25
				0
				101
				85
				116
				0
				98.4
				77
				127
				0
				98.4
				86
				114
				0
				94
				79
				117
				0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**S** - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT:	SHAW E & I, Inc.
Work Order:	0605030
Project:	101960 Textron

Analyte	Result	QC Sample	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample		%RPD	RPD Limit	Qua
									Analysis Date:	5/9/2006 12:27:00 PM	SeqNo:	541239	Prep Date:
Dichlorodifluoromethane	ND	5.0	µg/L										
Chloromethane	ND	3.0	µg/L										
Vinyl chloride	ND	2.0	µg/L										
Chloroethane	ND	5.0	µg/L										
Bromomethane	ND	2.0	µg/L										
Trichlorofluoromethane	ND	2.0	µg/L										
Diethyl ether	ND	5.0	µg/L										
Acetone	ND	10	µg/L										
1,1-Dichloroethene	ND	1.0	µg/L										
Carbon disulfide	ND	2.0	µg/L										
Methylene chloride	ND	5.0	µg/L										
Methyl tert-butyl ether	ND	2.0	µg/L										
trans-1,2-Dichloroethene	ND	2.0	µg/L										
1,1-Dichloroethane	ND	2.0	µg/L										
2-Butanone	ND	10	µg/L										
2,2-Dichloropropane	ND	2.0	µg/L										
cis-1,2-Dichloroethene	ND	2.0	µg/L										
Chloroform	ND	2.0	µg/L										
Tetrahydrofuran	ND	10	µg/L										
Bromoform	ND	2.0	µg/L										
1,1,1-Trichloroethane	ND	2.0	µg/L										
1,1-Dichloropropene	ND	2.0	µg/L										
Carbon tetrachloride	ND	2.0	µg/L										
1,2-Dichloroethane	ND	2.0	µg/L										
Benzene	ND	1.0	µg/L										

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron	
Trichloroethene	ND	2.0	µg/L			
1,2-Dichloropropane	ND	2.0	µg/L			
Bromodichloromethane	ND	2.0	µg/L			
Dibromomethane	ND	2.0	µg/L			
4-Methyl-2-pentanone	ND	10	µg/L			
cis-1,3-Dichloropropene	ND	1.0	µg/L			
Toluene	ND	2.0	µg/L			
trans-1,3-Dichloropropene	ND	1.0	µg/L			
1,1,2-Trichloroethane	ND	2.0	µg/L			
1,2-Dibromoethane	ND	2.0	µg/L			
2-Hexanone	ND	10	µg/L			
1,3-Dichloropropane	ND	2.0	µg/L			
Tetrachloroethene	ND	2.0	µg/L			
Dibromochloromethane	ND	2.0	µg/L			
Chlorobenzene	ND	2.0	µg/L			
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L			
Ethylbenzene	ND	2.0	µg/L			
m,p-Xylene	ND	2.0	µg/L			
o-Xylene	ND	2.0	µg/L			
Styrene	ND	2.0	µg/L			
Bromoform	ND	2.0	µg/L			
Isopropylbenzene	ND	2.0	µg/L			
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L			
1,2,3-Trichloropropane	ND	2.0	µg/L			
Bromobenzene	ND	2.0	µg/L			
n-Propylbenzene	ND	2.0	µg/L			
2-Chlorotoluene	ND	2.0	µg/L			
4-Chlorotoluene	ND	2.0	µg/L			
1,3,5-Trimethylbenzene	ND	2.0	µg/L			
tert-Butylbenzene	ND	2.0	µg/L			
1,2,4-Trimethylbenzene	ND	2.0	µg/L			
Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits				
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits				
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	NA - Not applicable where J values or ND results occur				

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

CLIENT: SHAW E & I, Inc.  
 Work Order: 0605030  
 Project: 101960 Textron

Method Blank

sec-Butylbenzene		ND	2.0	µg/L					
4-isopropyltoluene		ND	2.0	µg/L					
1,3-Dichlorobenzene		ND	2.0	µg/L					
1,4-Dichlorobenzene		ND	2.0	µg/L					
n-Butylbenzene		ND	2.0	µg/L					
1,2-Dichlorobenzene		ND	2.0	µg/L					
1,2-Dibromo-3-chloropropane		ND	5.0	µg/L					
1,2,4-Trichlorobenzene		ND	2.0	µg/L					
Hexachlorobutadiene		ND	2.0	µg/L					
Naphthalene		ND	5.0	µg/L					
1,2,3-Trichlorobenzene		ND	2.0	µg/L					
Surr: Dibromofluoromethane	25.5	2.0	µg/L		25	0	102	85	116
Surr: 1,2-Dichloroethane-d4	24.62	2.0	µg/L		25	0	98.5	77	127
Surr: Toluene-d8	24.6	2.0	µg/L		25	0	98.4	86	114
Surr: 4-Bromofluorobenzene	23.89	2.0	µg/L		25	0	95.6	79	117

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

CLIENT: SHAW E & I, Inc.  
Work Order: 06050300  
Project: 101960 Textron

Sample ID:	mb-05/10/06	Batch ID:	R32879	Test Code:	SW8260B	Units:	µg/L	Analysis Date:	5/10/2006 10:12:00 AM	Prep Date:	5/10/2006		
Client ID:		Run ID:	V-3_060510A <th>QC Spike</th> <th>Original Sample</th> <th>Amount</th> <th>Result</th> <th>%REC</th> <th>LowLimit</th> <th>HighLimit</th> <th>%RPD</th> <th>RPD Limit</th> <th>Qua</th>	QC Spike	Original Sample	Amount	Result	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qua
Analyte		QC Sample	Result	RL	Units								
Dichlorodifluoromethane		ND	5.0	µg/L									
Chloromethane		ND	5.0	µg/L									
Vinyl chloride		ND	2.0	µg/L									
Chloroethane		ND	5.0	µg/L									
Bromomethane		ND	2.0	µg/L									
Trichlorofluoromethane		ND	2.0	µg/L									
Diethyl ether		ND	5.0	µg/L									
Acetone		ND	10	µg/L									
1,1-Dichloroethene		ND	1.0	µg/L									
Carbon disulfide		ND	2.0	µg/L									
Methylene chloride		ND	5.0	µg/L									
Methyl tert-butyl ether		ND	2.0	µg/L									
trans-1,2-Dichloroethene		ND	2.0	µg/L									
1,1-Dichloroethane		ND	2.0	µg/L									
2-Butanone		ND	10	µg/L									
2,2-Dichloropropane		ND	2.0	µg/L									
cis-1,2-Dichloroethene		ND	2.0	µg/L									
Chloroform		ND	2.0	µg/L									
Tetrahydrofuran		ND	10	µg/L									
Bromoform		ND	2.0	µg/L									
1,1,1-Trichloroethane		ND	2.0	µg/L									
1,1-Dichloropropene		ND	2.0	µg/L									
Carbon tetrachloride		ND	2.0	µg/L									
1,2-Dichloroethane		ND	2.0	µg/L									
Benzene		ND	1.0	µg/L									

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
I	Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	NA - Not applicable where J values or ND results occur
RL	Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.		

# AMRO Environmental Laboratories Corp.

Date: 20-May-06

## QC SUMMARY REPORT

Method Blank

CLIENT:	SHAW E & I, Inc.		
Work Order:	0605030		
Project:	101960 Textron		
Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Method Blank

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

		µg/L
sec-Butylbenzene	ND	2.0
4-Isopropyltoluene	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
n-Butylbenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	2.0
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	2.0
Surr: Dibromofluoromethane	25.19	2.0
Surr: 1,2-Dichloroethane-d4	26.33	2.0
Surr: Toluene-d8	24.9	2.0
Surr: 4-Bromofluorobenzene	23.88	2.0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: 20-May-06

**QC SUMMARY REPORT**

Matrix Spike - Full List

Client:	SHAW E & I, Inc.
Work Order:	0605030
Project:	101960 Textron

Sample ID:	0605030-01Amsf	Batch ID:	R32028	Test Code:	SW8260B	Units:	µg/L
Client ID:	MW-206D	Run ID:	V-3_060505A	QC Sample	QC Spike	Original Sample	

Analyte	Result	RL	Units	Amount	QC Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPD Limit	Qua
Dichlorodifluoromethane	112.8	25	µg/L	100	0	113	16	150	0	0	0	
Chloromethane	87.95	25	µg/L	100	0	88	35	150	0	0	0	
Vinyl chloride	104.4	10	µg/L	100	0	104	49	150	0	0	0	
Chloroethane	104.6	25	µg/L	100	0	105	58	147	0	0	0	
Bromomethane	118.4	10	µg/L	100	0	118	49	142	0	0	0	
Trichlorofluoromethane	97.9	10	µg/L	100	1.28	96.6	57	149	0	0	0	
Diethyl ether	108.6	25	µg/L	100	0	109	66	136	0	0	0	
Acetone	115.6	50	µg/L	100	0	116	16	150	0	0	0	
1,1-Dichloroethene	104.4	5.0	µg/L	100	0	104	70	150	0	0	0	
Carbon disulfide	93.2	10	µg/L	100	0	93.2	47	135	0	0	0	
Methylene chloride	98	25	µg/L	100	0	98	66	142	0	0	0	
Methyl (tert-butyl) ether	95.9	10	µg/L	100	0	95.9	63	138	0	0	0	
trans-1,2-Dichloroethene	110.2	10	µg/L	100	0	110	78	135	0	0	0	
1,1-Dichloroethane	110.2	10	µg/L	100	0.62	110	76	131	0	0	0	
2-Butanone	117	50	µg/L	100	0	117	51	142	0	0	0	
2,2-Dichloropropane	111.6	10	µg/L	100	0	112	60	149	0	0	0	
cis-1,2-Dichloroethene	107.3	10	µg/L	100	0	107	74	128	0	0	0	
Chloroform	119.6	10	µg/L	100	0	120	80	129	0	0	0	
Tetrahydrofuran	118	50	µg/L	100	0	118	53	145	0	0	0	
Bromo-chloromethane	110.5	10	µg/L	100	0	110	78	130	0	0	0	
1,1,1-Trichloroethane	123.3	10	µg/L	100	7.64	116	77	139	0	0	0	
1,1-Dichloropropene	115.3	10	µg/L	100	0	115	74	127	0	0	0	
Carbon tetrachloride	121.4	10	µg/L	100	0	121	73	138	0	0	0	
1,2-Dichloroethane	113.3	10	µg/L	100	0	113	75	130	0	0	0	
Benzene	113	5.0	µg/L	100	0	113	79	123	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

**Matrix Spike - Full List**

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron	Trichloroethene	258	10	µg/L	100	177	81	79	126	0
1,2-Dichloropropane	113.2	10	µg/L	100	0	113	76	125	0						
Bromodichloromethane	109	10	µg/L	100	0	109	69	119	0						
Dibromomethane	109	10	µg/L	100	0	109	76	127	0						
4-Methyl-2-pentanone	111.8	50	µg/L	100	0	112	53	141	0						
cis-1,3-Dichloropropene	100.2	5.0	µg/L	100	0	100	70	119	0						
Toluene	114	10	µg/L	100	0	114	82	124	0						
trans-1,3-Dichloropropene	115	5.0	µg/L	100	0	115	64	124	0						
1,1,2-Trichloroethane	110.9	10	µg/L	100	0	111	73	127	0						
1,2-Dibromoethane	114.8	10	µg/L	100	0	115	73	127	0						
2-Hexanone	108.8	50	µg/L	100	0	109	37	145	0						
1,3-Dichloropropane	110	10	µg/L	100	0	110	76	123	0						
Tetrachloroethene	422	10	µg/L	100	91.34	331	82	129	0						
Dibromochloromethane	102.9	10	µg/L	100	0	103	59	125	0						
Chlorobenzene	103.7	10	µg/L	100	0	104	80	120	0						
1,1,1,2-Tetrachloroethane	106.5	10	µg/L	100	0	106	72	124	0						
Ethylbenzene	105.9	10	µg/L	100	0	106	83	123	0						
m,p-Xylene	214.4	10	µg/L	200	0	107	84	121	0						
o-Xylene	107.6	10	µg/L	100	0	108	83	119	0						
Styrene	105.3	10	µg/L	100	0	105	80	122	0						
Bromoform	114.6	10	µg/L	100	0	115	54	119	0						
Isopropylbenzene	104	10	µg/L	100	0	104	75	131	0						
1,1,2,2-Tetrachloroethane	109.4	10	µg/L	100	0	109	61	139	0						
1,2,3-Trichloropropane	110.8	10	µg/L	100	0	111	66	130	0						
Bromobenzene	105.2	10	µg/L	100	0	105	77	124	0						
n-Propylbenzene	104.8	10	µg/L	100	0	105	76	131	0						
2-Chlorotoluene	102	10	µg/L	100	0	102	78	125	0						
4-Chlorotoluene	103.4	10	µg/L	100	0	103	75	124	0						
1,3,5-Trimethylbenzene	102.2	10	µg/L	100	0	102	79	124	0						
tert-Butylbenzene	97.65	10	µg/L	100	0	97.6	79	126	0						
1,2,4-Trimethylbenzene	104.2	10	µg/L	100	0	104	77	124	0						

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp

Date: 20-May-06

QC SUMMARY REPORT

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

sec-Butylbenzene	101.6	10	µg/L	100	0	102	82	128	0
4-Isopropyltoluene	101.2	10	µg/L	100	0	101	77	128	0
1,3-Dichlorobenzene	103.2	10	µg/L	100	0	103	80	122	0
1,4-Dichlorobenzene	98.6	10	µg/L	100	0	98.6	78	123	0
n-Butylbenzene	102.5	10	µg/L	100	0	103	74	130	0
1,2-Dichlorobenzene	99.35	10	µg/L	100	0	99.4	78	121	0
1,2-Dibromo-3-chloropropane	104.4	25	µg/L	100	0	104	50	127	0
1,2,4-Trichlorobenzene	95.45	10	µg/L	100	0	95.4	67	128	0
Hexachlorobutadiene	89.95	10	µg/L	100	0	90	74	134	0
Naphthalene	95.8	25	µg/L	100	0	95.8	57	131	0
1,2,3-Trichlorobenzene	94.7	10	µg/L	100	0	94.7	64	131	0
Surr: Dibromofluoromethane	127.9	10	µg/L	125	0	102	85	116	0
Surr: 1,2-Dichloroethane-d4	131	10	µg/L	125	0	105	77	127	0
Surr: Toluene-d8	126.4	10	µg/L	125	0	101	86	114	0
Surr: 4-Bromofluorobenzene	127.8	10	µg/L	125	0	102	79	117	0

78

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R = RPD outside accepted recovery limits

Detecting limits, defined as the lowest concentration the laboratory can accurately quantitate.

B - Analyte detected in the associated Method Blank

卷之三

NA - Non-applicable where 3 weeks or more than 3 weeks

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike Duplicate - Full List

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

Sample ID: 0605030-01Amsdf Batch ID: R322828 Test Code: SW8260B Units: µg/L  
Client ID: MW-206D Run ID: V-3\_060505A QC Sample Original Sample

Analyte	QC Sample Result	RL	Units	Amount	QC Spike Result	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPD Limit	Qua
Dichlorodifluoromethane	97.6	25	µg/L	100	0	97.6	16	150	112.8	14.4	20		
Chloromethane	87.15	25	µg/L	100	0	87.2	35	150	87.95	0.914	20		
Vinyl chloride	91.8	10	µg/L	100	0	91.8	49	150	104.4	12.8	20		
Chloroethane	92.9	25	µg/L	100	0	92.9	58	147	104.6	11.8	20		
Bromomethane	111.4	10	µg/L	100	0	111	49	142	118.4	6.05	20		
Trichlorofluoromethane	95.6	10	µg/L	100	1.28	94.3	57	149	97.9	2.38	20		
Diethyl ether	98.3	25	µg/L	100	0	98.3	66	136	108.6	9.96	20		
Acetone	91.8	50	µg/L	100	0	91.8	16	150	115.6	23	20	R	
1,1-Dichloroethene	93.8	5.0	µg/L	100	0	93.8	70	150	104.4	10.6	20		
Carbon disulfide	87.2	10	µg/L	100	0	87.2	47	135	93.2	6.65	20		
Methylene chloride	92.35	25	µg/L	100	0	92.4	66	142	98	5.94	20		
Methyl tert-butyl ether	88.95	10	µg/L	100	0	89	63	138	95.9	7.52	20		
trans-1,2-Dichloroethene	102.6	10	µg/L	100	0	103	78	135	110.2	7.15	20		
1,1-Dichloroethane	96.95	10	µg/L	100	0.62	96.3	76	131	110.2	12.8	20		
2-Butanone	100.8	50	µg/L	100	0	101	51	142	117	14.8	20		
2,2-Dichloropropane	105.8	10	µg/L	100	0	106	60	149	111.6	5.38	20		
cis-1,2-Dichloroethene	98.8	10	µg/L	100	0	98.8	74	128	107.3	8.25	20		
Chloroform	106.6	10	µg/L	100	0	107	80	129	119.6	11.4	20		
Tetrahydrofuran	100.9	50	µg/L	100	0	101	53	145	118	15.6	20		
Bromoform	101.2	10	µg/L	100	0	101	78	130	110.5	8.79	20		
1,1,1-Trichloroethane	114.5	10	µg/L	100	7.64	107	77	139	123.3	7.4	20		
1,1-Dichloropropene	105.4	10	µg/L	100	0	105	74	127	115.3	8.92	20		
Carbon tetrachloride	111	10	µg/L	100	0	111	73	138	121.4	8.95	20		
1,2-Dichloroethane	102.9	10	µg/L	100	0	103	75	130	113.3	9.62	20		
Benzene	103.5	5.0	µg/L	100	0	104	79	123	113	8.82	20		

Qualifiers: ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where I values or ND results occur

AMRO Environmental Laboratories Corp.

Date: 20-May-06

OC SUMMARY REPORT

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

600 NOVEMBER 1964 DENTON, TEXAS

ND - Not Disclosed at the Requesting Entity

R<sub>c</sub> - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

-80

AMRO Environmental Laboratories Corp.

Date: 20-May-06

# QC SUMMARY REPORT

## Matrix Spike Duplicate - Full List

QC SUMMARY REPORT											
Matrix Spike Duplicate - Full List											
CLIENT:	SHAW E & I, Inc.										
Work Order:	0605030										
Project:	101960 Textron										
sec-Butylbenzene	95.95	10	µg/L	100	0	96	82	128	101.6	5.72	20
4-isopropyltoluene	96.85	10	µg/L	100	0	96.8	77	128	101.2	4.34	20
1,3-Dichlorobenzene	95.9	10	µg/L	100	0	95.9	80	122	103.2	7.28	20
1,4-Dichlorobenzene	97.5	10	µg/L	100	0	97.5	78	123	98.6	1.12	20
n-Butylbenzene	97.5	10	µg/L	100	0	97.5	74	130	102.5	5	20
1,2-Dichlorobenzene	93.5	10	µg/L	100	0	93.5	78	121	99.35	6.07	20
1,2-Dibromo-3-chloropropane	93.85	25	µg/L	100	0	93.8	50	127	104.4	10.6	20
1,2,4-Trichlorobenzene	93	10	µg/L	100	0	93	67	128	95.45	2.6	20
Hexachlorobutadiene	93.15	10	µg/L	100	0	93.2	74	134	89.95	3.5	20
Naphthalene	88.95	25	µg/L	100	0	89	57	131	95.8	7.42	20
1,2,3-Trichlorobenzene	94.25	10	µg/L	100	0	94.2	64	131	94.7	0.476	20
Surr: Dibromofluoromethane	127.4	10	µg/L	125	0	102	85	116	0	0	0
Surr: 1,2-Dichloroethane-d4	127.5	10	µg/L	125	0	102	77	127	0	0	0
Surr: Toluene-d8	123.9	10	µg/L	125	0	99.1	86	114	0	0	0
Surr: 4-Bromofluorobenzene	124.5	10	µg/L	125	0	99.6	79	117	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accept/recovery times

R = RPD outside accepted recovery limits

R

RL - Reporting Limit; defined as the lowest c

the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Matrix Spike - Full List

CLIENT:	SHAW E & I, Inc.
Work Order:	0605030
Project:	101960 Textron

Analyte	Result	RL	Units	QC Sample		Original Sample Result	%REC	Low limit	High limit	Original Sample or MS Result	%RPD	RPD Limit	Qua
				Run ID:	V-3_060506A								
Dichlorodifluoromethane	2092	500	µg/L	2000	0	105	16	150	150	0	0	0	0
Chloromethane	1791	500	µg/L	2000	0	89.6	35	150	150	0	0	0	0
Vinyl chloride	2068	200	µg/L	2000	0	103	49	150	147	0	0	0	0
Chloroethane	2081	500	µg/L	2000	0	104	58	147	142	0	0	0	0
Bromomethane	2392	200	µg/L	2000	0	120	49	142	142	0	0	0	0
Trichlorofluoromethane	2111	200	µg/L	2000	0	106	57	149	149	0	0	0	0
Diethyl ether	2102	500	µg/L	2000	0	105	66	136	136	0	0	0	0
Acetone	1857	1,000	µg/L	2000	0	92.8	16	150	150	0	0	0	0
1,1-Dichloroethene	2146	100	µg/L	2000	0	107	70	150	150	0	0	0	0
Carbon disulfide	1964	200	µg/L	2000	0	98.2	47	135	135	0	0	0	0
Methylene chloride	1939	500	µg/L	2000	0	97	66	142	142	0	0	0	0
Methyl tert-butyl ether	1961	200	µg/L	2000	0	98	63	138	138	0	0	0	0
trans-1,2-Dichloroethene	2236	200	µg/L	2000	0	112	78	135	135	0	0	0	0
1,1-Dichloroethane	2109	200	µg/L	2000	0	105	76	131	131	0	0	0	0
2-Butanone	1917	1,000	µg/L	2000	0	95.8	51	142	142	0	0	0	0
2,2-Dichloropropane	2263	200	µg/L	2000	0	113	60	149	149	0	0	0	0
cis-1,2-Dichloroethene	2196	200	µg/L	2000	0	110	74	128	128	0	0	0	0
Chloroform	2278	200	µg/L	2000	0	114	80	129	129	0	0	0	0
Tetrahydrofuran	2005	1,000	µg/L	2000	0	100	53	145	145	0	0	0	0
Bromoform	2175	200	µg/L	2000	0	109	78	130	130	0	0	0	0
1,1,1-Trichloroethane	2381	200	µg/L	2000	0	119	77	139	139	0	0	0	0
1,1-Dichloropropene	2238	200	µg/L	2000	0	112	74	127	127	0	0	0	0
Carbon tetrachloride	2410	200	µg/L	2000	0	120	73	138	138	0	0	0	0
1,2-Dichloroethane	2179	200	µg/L	2000	0	109	75	130	130	0	0	0	0
Benzene	2225	100	µg/L	2000	0	111	79	123	123	0	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike - Full List

CLIENT:	SHAW E & I, Inc.		
Work Order:	0605030		
Project:	101960 Textron		
Trichloroethene	2402	200	µg/L
1,2-Dichloropropane	2205	200	µg/L
Bromodichloromethane	2046	200	µg/L
Dibromomethane	2206	200	µg/L
4-Methyl-2-pentanone	2037	1,000	µg/L
cis-1,3-Dichloropropene	2021	100	µg/L
Toluene	2254	200	µg/L
trans-1,3-Dichloropropene	2171	100	µg/L
1,1,2-Trichloroethane	2136	200	µg/L
1,2-Dibromoethane	2199	200	µg/L
2-Hexanone	1699	1,000	µg/L
1,3-Dichloropropane	2211	200	µg/L
Tetrachloroethene	38420	200	µg/L
Dibromochloromethane	2115	200	µg/L
Chlorobenzene	2189	200	µg/L
1,1,1,2-Tetrachloroethane	2228	200	µg/L
Ethylbenzene	2194	200	µg/L
m,p-Xylene	4455	200	µg/L
o-Xylene	2205	200	µg/L
Styrene	2201	200	µg/L
Bromoform	2220	200	µg/L
Isopropylbenzene	2208	200	µg/L
1,1,2,2-Tetrachloroethane	2142	200	µg/L
1,2,3-Trichloropropane	2052	200	µg/L
Bromobenzene	2171	200	µg/L
n-Propylbenzene	2145	200	µg/L
2-Chlorotoluene	2098	200	µg/L
4-Chlorotoluene	2160	200	µg/L
1,3,5-Trimethylbenzene	2183	200	µg/L
tert-Butylbenzene	2121	200	µg/L
1,2,4-Trimethylbenzene	2145	200	µg/L

SE

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike - Full List

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

			µg/L	2000	0	108	82	128	0
sec-Butylbenzene	2153	200	µg/L	2000	0	108	82	128	0
4-Isopropyltoluene	2164	200	µg/L	2000	0	108	77	128	0
1,3-Dichlorobenzene	2176	200	µg/L	2000	0	109	80	122	0
1,4-Dichlorobenzene	2230	200	µg/L	2000	0	112	78	123	0
n-Butylbenzene	2130	200	µg/L	2000	0	106	74	130	0
1,2-Dichlorobenzene	2077	200	µg/L	2000	0	104	78	121	0
1,2-Dibromo-3-chloropropane	1845	500	µg/L	2000	0	92.2	50	127	0
1,2,4-Trichlorobenzene	2005	200	µg/L	2000	0	100	67	128	0
Hexachlorobutadiene	1967	200	µg/L	2000	0	98.4	74	134	0
Naphthalene	1892	500	µg/L	2000	0	94.6	57	131	0
1,2,3-Trichlorobenzene	2021	200	µg/L	2000	0	101	64	131	0
Surr: Dibromofluoromethane	2553	200	µg/L	2500	0	102	85	116	0
Surr: 1,2-Dichloroethane-d4	2464	200	µg/L	2500	0	98.6	77	127	0
Surr: Toluene-d8	2426	200	µg/L	2500	0	97	86	114	0
Surr: 4-Bromofluorobenzene	2425	200	µg/L	2500	0	97	79	117	0

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Matrix Spike Duplicate - Full List

CLIENT: SHAW E & I, Inc.

Work Order: 0605030

Project: 101960 Textron

Sample ID:	0605030-08Amstf	Batch ID:	R32833	Test Code:	SW08260B	Units:	µg/L	Analysis Date:	5/6/2006 9:29:00 PM	Prep Date:	5/6/2006		
Client ID:	MW-202D			Run ID:	V-3_060506A	SeqNo:	540733	Original Sample		%RPD	RPDLimit	Qua	
Analyte		QC Sample	Result	RL	Units	Amount	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample
Dichlorodifluoromethane		1977	500	µg/L	2000	0	98.8	16	150	2092	5.65	20	
Chloromethane		1790	500	µg/L	2000	0	89.5	35	150	1791	0.0559	20	
Vinyl chloride		2031	200	µg/L	2000	0	102	49	150	2068	1.81	20	
Chloroethane		2098	500	µg/L	2000	0	105	58	147	2081	0.814	20	
Bromomethane		2441	200	µg/L	2000	0	122	49	142	2392	2.03	20	
Trichlorofluoromethane		2010	200	µg/L	2000	0	100	57	149	2111	4.9	20	
Diethyl ether		2009	500	µg/L	2000	0	100	66	136	2102	4.52	20	
Acetone		1902	1,000	µg/L	2000	0	95.1	16	150	1857	2.39	20	
1,1-Dichloroethene		2121	100	µg/L	2000	0	106	70	150	2146	1.17	20	
Carbon disulfide		1888	200	µg/L	2000	0	94.4	47	135	1964	3.95	20	
Methylene chloride		1943	500	µg/L	2000	0	97.2	66	142	1939	0.206	20	
Methyl tert-butyl ether		1933	200	µg/L	2000	0	96.7	63	138	1961	1.44	20	
trans-1,2-Dichloroethene		2126	200	µg/L	2000	0	106	78	135	2236	5.04	20	
1,1-Dichloroethane		2061	200	µg/L	2000	0	103	76	131	2109	2.3	20	
2-Butanone		2212	1,000	µg/L	2000	0	111	51	142	1917	14.3	20	
2,2-Dichloropropane		2182	200	µg/L	2000	0	109	60	149	2263	3.64	20	
cis-1,2-Dichloroethene		2204	200	µg/L	2000	0	110	74	128	2196	0.364	20	
Chloroform		2225	200	µg/L	2000	0	111	80	129	2278	2.35	20	
Tetrahydrofuran		1893	1,000	µg/L	2000	0	94.6	53	145	2005	5.75	20	
Bromoform		2143	200	µg/L	2000	0	107	78	130	2175	1.48	20	
1,1,1-Trichloroethane		2262	200	µg/L	2000	0	113	77	139	2381	5.13	20	
1,1-Dichloropropene		2151	200	µg/L	2000	0	108	74	127	2238	3.96	20	
Carbon tetrachloride		2315	200	µg/L	2000	0	116	73	138	2410	4.02	20	
1,2-Dichloroethane		2123	200	µg/L	2000	0	106	75	130	2179	2.6	20	
Benzene		2131	100	µg/L	2000	0	107	79	123	2225	4.32	20	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp

Date: 20-May-06

## QC SUMMARY REPORT

### Matrix Spike Duplicate - Full List

卷之三

ND - Not Detected at the Reporting Limit

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike Duplicate - Full List

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron						
sec-Butylbenzene	2174	200	µg/L	2000	0	109	82	128	2153	0.971	20
4-Isopropyltoluene	2214	200	µg/L	2000	0	111	77	128	2164	2.28	20
1,3-Dichlorobenzene	2161	200	µg/L	2000	0	108	80	122	2176	0.692	20
1,4-Dichlorobenzene	2221	200	µg/L	2000	0	111	78	123	2230	0.404	20
n-Butylbenzene	2161	200	µg/L	2000	0	108	74	130	2130	1.44	20
1,2-Dichlorobenzene	2093	200	µg/L	2000	0	105	78	121	2077	0.767	20
1,2-Dibromo-3-chloropropane	1928	500	µg/L	2000	0	96.4	50	127	1845	4.4	20
1,2,4-Trichlorobenzene	2111	200	µg/L	2000	0	106	67	128	2005	5.15	20
Hexachlorobutadiene	1992	200	µg/L	2000	0	99.6	74	134	1967	1.26	20
Naphthalene	1947	500	µg/L	2000	0	97.4	57	131	1892	2.87	20
1,2,3-Trichlorobenzene	2126	200	µg/L	2000	0	106	64	131	2021	5.06	20
Surr: Dibromofluoromethane	2510	200	µg/L	2500	0	100	85	116	0	0	0
Surr: 1,2-Dichloroethane-d4	2495	200	µg/L	2500	0	99.8	77	127	0	0	0
Surr: Toluene-d8	2408	200	µg/L	2500	0	96.3	86	114	0	0	0
Surr: 4-Bromofluorobenzene	2478	200	µg/L	2500	0	99.1	79	117	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike - Full List

Sample ID:	0605030-17Amsf	Batch ID:	R322879	Test Code:	SW08260B	Units:	µg/L	QC Spike Original Sample			Original Sample		
Client ID:	MW-205	Run ID:	V-3_060510A	QC Sample	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RRD	RPDLimit	Qua
Dichlorodifluoromethane	91.05	25	µg/L	100	0	91	16	150	150	0			
Chloromethane	73.6	25	µg/L	100	0	73.6	35	150	150	0			
Vinyl chloride	91	10	µg/L	100	0	91	49	150	150	0			
Chloroethane	96.25	25	µg/L	100	0	96.2	58	147	147	0			
Bromomethane	112.3	10	µg/L	100	0	112	49	142	142	0			
Trichlorofluoromethane	101.3	10	µg/L	100	0	101	57	149	149	0			
Diethyl ether	95.25	25	µg/L	100	0	95.2	66	136	136	0			
Acetone	92.65	50	µg/L	100	5.81	86.8	16	150	150	0			
1,1-Dichloroethene	101.2	5.0	µg/L	100	0	101	70	150	150	0			
Carbon disulfide	91.1	10	µg/L	100	0	91.1	47	135	135	0			
Methylene chloride	94.8	25	µg/L	100	0	94.8	66	142	142	0			
Methyl tert-butyl ether	88.25	10	µg/L	100	0	88.2	63	138	138	0			
trans-1,2-Dichloroethene	105.8	10	µg/L	100	0	106	78	135	135	0			
1,1-Dichloroethane	98.9	10	µg/L	100	0	98.9	76	131	131	0			
2-Butanone	92.75	50	µg/L	100	0	92.8	51	142	142	0			
2,2-Dichloropropane	118.2	10	µg/L	100	0	118	60	149	149	0			
cis-1,2-Dichloroethene	99.4	10	µg/L	100	1.36	98	74	128	128	0			
Chloroform	112.1	10	µg/L	100	0	112	80	129	129	0			
Tetrahydrofuran	96.7	50	µg/L	100	0	96.7	53	145	145	0			
Bromoform	103.2	10	µg/L	100	0	103	78	130	130	0			
1,1,1-Trichloroethane	116.6	10	µg/L	100	0	117	77	139	139	0			
1,1-Dichloropropene	107.6	10	µg/L	100	0	108	74	127	127	0			
Carbon tetrachloride	117.5	10	µg/L	100	0	118	73	138	138	0			
1,2-Dichloroethane	102	10	µg/L	100	0	102	75	130	130	0			
Benzene	105.5	5.0	µg/L	100	0	106	79	123	123	0			

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike - Full List

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

Trichloroethene	107.8	10	µg/L	100	3.4	104	79	126	0
1,2-Dichloropropane	105	10	µg/L	100	0	105	76	125	0
Bromodichloromethane	100	10	µg/L	100	0	100	69	119	0
Dibromomethane	102.4	10	µg/L	100	0	102	76	127	0
4-Methyl-2-pentanone	90.15	50	µg/L	100	0	90.2	53	141	0
cis-1,3-Dichloropropene	96.2	5.0	µg/L	100	0	96.2	70	119	0
Toluene	107.8	10	µg/L	100	0	108	82	124	0
trans-1,3-Dichloropropene	104.2	5.0	µg/L	100	0	104	64	124	0
1,1,2-Trichloroethane	104.1	10	µg/L	100	0	104	73	127	0
1,2-Dibromoethane	105	10	µg/L	100	0	105	73	127	0
2-Hexanone	85	50	µg/L	100	0	85	37	145	0
1,3-Dichloropropane	101.2	10	µg/L	100	0	101	76	123	0
Tetrachloroethene	118.7	10	µg/L	100	6.63	112	82	129	0
Dibromochloromethane	97.8	10	µg/L	100	0	97.8	59	125	0
Chlorobenzene	104.8	10	µg/L	100	0	105	80	120	0
1,1,1,2-Tetrachloroethane	103.3	10	µg/L	100	0	103	72	124	0
Ethylbenzene	104.8	10	µg/L	100	0	105	83	123	0
m,p-Xylene	215.3	10	µg/L	200	0	108	84	121	0
o-Xylene	105.3	10	µg/L	100	0	105	83	119	0
Styrene	106.1	10	µg/L	100	0	106	80	122	0
Bromoform	111.8	10	µg/L	100	0	112	54	119	0
Isopropylbenzene	101.5	10	µg/L	100	0	102	75	131	0
1,1,2,2-Tetrachloroethane	99.15	10	µg/L	100	0	99.2	61	139	0
1,2,3-Trichloropropane	96.55	10	µg/L	100	0	96.6	66	130	0
Bromobenzene	105.7	10	µg/L	100	0	106	77	124	0
n-Propylbenzene	100.2	10	µg/L	100	0	100	76	131	0
2-Chlorotoluene	98.95	10	µg/L	100	0	99	78	125	0
4-Chlorotoluene	99.3	10	µg/L	100	0	99.3	75	124	0
1,3,5-Trimethylbenzene	102	10	µg/L	100	0	102	79	124	0
tert-Butylbenzene	99.25	10	µg/L	100	0	99.2	79	126	0
1,2,4-Trimethylbenzene	103.3	10	µg/L	100	0	103	77	124	0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: 20-May-06

QC SUMMARY REPORT

# SUMMARY REPORT

## Matrix Spike - Full List

CLIENT:		SHAW E & I, Inc.	
Work Order:		0605030	
Project:		101960 Textron	
sec-Butylbenzene	101.6	10	µg/L
4-Isopropyltoluene	102.8	10	µg/L
1,3-Dichlorobenzene	103.8	10	µg/L
1,4-Dichlorobenzene	105.7	10	µg/L
n-Butylbenzene	100.2	10	µg/L
1,2-Dichlorobenzene	101.2	10	µg/L
1,2-Dibromo-3-chloropropane	90.75	25	µg/L
1,2,4-Trichlorobenzene	95.55	10	µg/L
Hexachlorobutadiene	95.2	10	µg/L
Naphthalene	89.75	25	µg/L
1,2,3-Trichlorobenzene	94.05	10	µg/L
Surr: Dibromofluoromethane	124	10	µg/L
Surr: 1,2-Dichloroethane-d4	124.2	10	µg/L
Surr: Toluene-d8	121.6	10	µg/L
Surr: 4-Bromofluorobenzene	128.1	10	µg/L

90

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike Duplicate - Full List

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result		%RPD	RPD Limit	Qua
									Analysis Date: 5/10/2006 4:34:00 PM	SeqNo: 541426			
Dichlorodifluoromethane	94.45	25	µg/L	100	0	94.4	16	150	91.05	3.67	20		
Chloromethane	75	25	µg/L	100	0	75	35	150	73.6	1.88	20		
Vinyl chloride	90.15	10	µg/L	100	0	90.2	49	150	91	0.938	20		
Chloroethane	94.1	25	µg/L	100	0	94.1	58	147	96.25	2.26	20		
Bromomethane	112.6	10	µg/L	100	0	113	49	142	112.3	0.311	20		
Trichlorofluoromethane	96.45	10	µg/L	100	0	96.5	57	149	101.3	4.91	20		
Diethyl ether	93.9	25	µg/L	100	0	93.9	66	136	95.25	1.43	20		
Acetone	90.45	50	µg/L	100	5.81	84.6	16	150	92.65	2.4	20		
1,1-Dichloroethene	99.8	5.0	µg/L	100	0	99.8	70	150	101.2	1.34	20		
Carbon disulfide	86.1	10	µg/L	100	0	86.1	47	135	91.1	5.64	20		
Methylene chloride	90.3	25	µg/L	100	0	90.3	66	142	94.8	4.86	20		
Methyl tert-butyl ether	88.25	10	µg/L	100	0	88.2	63	138	88.25	0	20		
trans-1,2-Dichloroethene	103.9	10	µg/L	100	0	104	78	135	105.8	1.86	20		
1,1-Dichloroethane	96.55	10	µg/L	100	0	96.6	76	131	98.9	2.4	20		
2-Butanone	89.7	50	µg/L	100	0	89.7	51	142	92.75	3.34	20		
2,2-Dichloropropane	109	10	µg/L	100	0	109	60	149	118.2	8.05	20		
cis-1,2-Dichloroethene	96.95	10	µg/L	100	1.36	95.6	74	128	99.4	2.5	20		
Chloroform	105	10	µg/L	100	0	105	80	129	112.1	6.49	20		
Tetrahydrofuran	95.2	50	µg/L	100	0	95.2	53	145	96.7	1.56	20		
Bromoform	101.7	10	µg/L	100	0	102	78	130	103.2	1.56	20		
1,1,1-Trichloroethane	109.6	10	µg/L	100	0	110	77	139	116.6	6.23	20		
1,1-Dichloropropene	102.8	10	µg/L	100	0	103	74	127	107.6	4.61	20		
Carbon tetrachloride	110.9	10	µg/L	100	0	111	73	138	117.5	5.78	20		
1,2-Dichloroethane	99.1	10	µg/L	100	0	99.1	75	130	102	2.84	20		
Benzene	103	5.0	µg/L	100	0	103	79	123	105.5	2.35	20		

Qualifiers: ND - Not Detected at the Reporting Limit

B - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

CLIENT: SHAW E & I, Inc  
Work Order: 0605030  
Project: 101960 Textron

Date: 20-May-06

**QC SUMMARY REPORT**  
Matrix Spike Duplicate - Full List

Project:	101300	Location:	100	100	3.4	106	79	126	107.8	1.56	20
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	4.58	20
Trichloroethene	109.5	10	100	0	100	76	125	105	105	2.58	20
1,2-Dichloropropane	100.2	10	100	0	97.5	69	119	100	100	2.58	20
Bromodichloromethane	97.5	10	100	0	104	76	127	102.4	102.4	1.12	20
Dibromomethane	103.6	10	100	0	88.8	53	141	90.15	90.15	1.57	20
4-Methyl-2-pentanone	88.75	50	100	0	91.4	70	119	96.2	96.2	5.12	20
cis-1,3-Dichloropropene	91.4	5.0	100	0	106	82	124	107.8	107.8	2.2	20
Toluene	105.5	10	100	0	100	64	124	104.2	104.2	4.06	20
trans-1,3-Dichloropropene	100.1	5.0	100	0	99.6	73	127	104.1	104.1	4.47	20
1,1,2-Trichloroethane	99.55	10	100	0	105	73	127	105	105	0.143	20
1,2-Dibromoethane	104.8	10	100	0	81.8	37	145	85	85	3.84	20
2-Hexanone	81.8	50	100	0	98.8	76	123	101.2	101.2	2.4	20
1,3-Dichloropropane	98.85	10	100	0	6.63	109	82	118.7	118.7	2.82	20
Tetrachloroethane	115.4	10	100	0	91.8	59	125	97.8	97.8	6.27	20
Dibromochloromethane	91.85	10	100	0	99.9	80	120	104.8	104.8	4.79	20
Chlorobenzene	99.9	10	100	0	98.8	72	124	103.3	103.3	4.5	20
1,1,2-Tetrachloroethane	98.75	10	100	0	100	83	123	104.8	104.8	4.24	20
Ethylbenzene	100.4	10	100	0	103	84	121	215.3	215.3	4.44	20
m,p-Xylene	206	10	200	0	104	83	119	105.3	105.3	1.68	20
o-Xylene	103.6	10	100	0	101	80	122	106.1	106.1	4.83	20
Syrene	101.1	10	100	0	106	54	119	111.8	111.8	4.86	20
Bromoform	106.5	10	100	0	96	75	131	101.5	101.5	5.62	20
Isopropylbenzene	95.95	10	100	0	97.5	61	139	99.15	99.15	1.68	20
1,1,2,2-Tetrachloroethane	97.5	10	100	0	93	66	130	96.55	96.55	3.75	20
1,2,3-Trichloropropane	93	10	100	0	99.9	77	124	105.7	105.7	5.64	20
Bromobenzene	99.9	10	100	0	94.6	76	131	100.2	100.2	5.75	20
n-Propylbenzene	94.55	10	100	0	93.3	78	125	98.95	98.95	5.88	20
2-Chlorotoluene	93.3	10	100	0	93.2	75	124	99.3	99.3	6.34	20
4-Chlorotoluene	93.2	10	100	0	96.4	79	124	102	102	5.69	20
1,3,5-Trimethylbenzene	96.4	10	100	0	94.7	79	126	99.25	99.25	4.69	20
tert-Butylbenzene	94.7	10	100	0	100	0	0	100	100	100	0
1,2,4-Trimethylbenzene	97.8	10	100	0	100	0	0	100	100	100	0

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

## B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: 20-May-06

OC SUMMARY REPORT

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

93

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limit RL - Reporting Limit; defined as the lowest
--------------------	--

S - Spike Recovery outside accepted recovery limits

R<sub>i</sub> = RPD outside accepted recovery limits

### B - Analyte detected in the associated Method B(a)

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

Client ID: Icsf-05/05/06      Sample ID: Icsf-05/05/06      Batch ID: R32828      Test Code: SW8260B      Units: µg/L      Analysis Date: 5/5/2006 10:40:00 AM      Prep Date: 5/5/2006

Analyte	QC Sample Result	R/L	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Qua
Dichlorodifluoromethane	20.84	5.0	µg/L	20	0	104	10	150	0
Chloromethane	16.35	3.0	µg/L	20	0	81.8	37	150	0
Vinyl chloride	18.08	2.0	µg/L	20	0	90.4	48	150	0
Chloroethane	18.77	5.0	µg/L	20	0	93.8	54	142	0
Bromomethane	23.11	2.0	µg/L	20	0	116	51	137	0
Trichlorodifluoromethane	18.65	2.0	µg/L	20	0	93.3	62	141	0
Diethyl ether	18.96	5.0	µg/L	20	0	94.8	68	134	0
Acetone	19.7	1.0	µg/L	20	0	98.5	9	150	0
1,1-Dichloroethene	18.83	1.0	µg/L	20	0	94.2	68	146	0
Carbon disulfide	17.67	2.0	µg/L	20	0	88.4	52	131	0
Methylene chloride	18.68	5.0	µg/L	20	0	93.4	67	138	0
Methyl tert-butyl ether	18.41	2.0	µg/L	20	0	92	63	139	0
trans-1,2-Dichloroethene	19.99	2.0	µg/L	20	0	100	81	126	0
1,1-Dichloroethane	19.16	2.0	µg/L	20	0	95.8	78	124	0
2-Butanone	21.68	1.0	µg/L	20	0	108	41	150	0
2,2-Dichloropropane	23.61	2.0	µg/L	20	0	118	71	150	0
cis-1,2-Dichloroethene	19.44	2.0	µg/L	20	0	97.2	78	121	0
Chloroform	21.13	2.0	µg/L	20	0	106	82	123	0
Tetrahydrofuran	21.12	1.0	µg/L	20	0	106	51	146	0
Bromoethane	20.55	2.0	µg/L	20	0	103	77	131	0
1,1,1-Trichloroethane	20.94	2.0	µg/L	20	0	105	81	127	0
1,1-Dichloropropene	19.9	2.0	µg/L	20	0	99.5	76	119	0
Carbon tetrachloride	20.88	2.0	µg/L	20	0	104	76	129	0
1,2-Dichloroethane	20.54	2.0	µg/L	20	0	103	76	127	0
Benzene	20.03	1.0	µg/L	20	0	100	81	118	0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RJ - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	R - RPD outside accepted recovery limits	B - Analyte detected in the associated Method Blank
Trichloroethene	20.25	2.0	µg/L	20
1,2-Dichloropropane	20.29	2.0	µg/L	20
Bromodichloromethane	19.22	2.0	µg/L	20
Dibromoethane	20.88	2.0	µg/L	20
4-Methyl-2-pentanone	20.35	10	µg/L	20
cis-1,3-Dichloropropene	19.7	1.0	µg/L	20
Toluene	20.66	2.0	µg/L	20
trans-1,3-Dichloropropene	21.46	1.0	µg/L	20
1,1,2-Trichloroethane	20.41	2.0	µg/L	20
1,2-Dibromoethane	21.47	2.0	µg/L	20
2-Hexanone	18.31	10	µg/L	20
1,3-Dichloropropane	20.28	2.0	µg/L	20
Tetrachloroethene	20.2	2.0	µg/L	20
Dibromochloromethane	19.4	2.0	µg/L	20
Chlorobenzene	19.01	2.0	µg/L	20
1,1,1,2-Tetrachloroethane	19.69	2.0	µg/L	20
Ethylbenzene	19.27	2.0	µg/L	20
m,p-Xylene	39.73	2.0	µg/L	40
o-Xylene	20	2.0	µg/L	20
Styrene	19.62	2.0	µg/L	20
Bromoform	21.48	2.0	µg/L	20
Isopropylbenzene	18.33	2.0	µg/L	20
1,1,2,2-Tetrachloroethane	19.76	2.0	µg/L	20
1,2,3-Trichloropropane	20.09	2.0	µg/L	20
Bromobenzene	19.75	2.0	µg/L	20
n-Propylbenzene	18.62	2.0	µg/L	20
2-Chlorotoluene	19.03	2.0	µg/L	20
4-Chlorotoluene	19.01	2.0	µg/L	20
1,3,5-Trimethylbenzene	18.64	2.0	µg/L	20
tert-Butylbenzene	18.09	2.0	µg/L	20
1,2,4-Trimethylbenzene	19.29	2.0	µg/L	20

Qualifiers:

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron					
sec-Butylbenzene	18.63	2.0	µg/L	20	0	93.2	82	123	0	0
4-Isopropyltoluene	19.14	2.0	µg/L	20	0	95.7	80	126	0	0
1,3-Dichlorobenzene	19.41	2.0	µg/L	20	0	97	84	115	0	0
1,4-Dichlorobenzene	19.13	2.0	µg/L	20	0	95.7	79	117	0	0
n-Butylbenzene	19.03	2.0	µg/L	20	0	95.2	76	128	0	0
1,2-Dichlorobenzene	19.13	2.0	µg/L	20	0	95.7	81	117	0	0
1,2-Dibromo-3-chloropropane	18.82	5.0	µg/L	20	0	94.1	47	136	0	0
1,2,4-Trichlorobenzene	19.43	2.0	µg/L	20	0	97.2	73	126	0	0
Hexachlorobutadiene	17.71	2.0	µg/L	20	0	88.6	77	134	0	0
Naphthalene	19.45	5.0	µg/L	20	0	97.3	58	138	0	0
1,2,3-Trichlorobenzene	20.57	2.0	µg/L	20	0	103	76	124	0	0
Surr: Dibromofluoromethane	24.86	2.0	µg/L	25	0	99.4	85	116	0	0
Surr: 1,2-Dichloroethane-d4	24.8	2.0	µg/L	25	0	99.2	77	127	0	0
Surr: Toluene-d8	24.97	2.0	µg/L	25	0	99.9	86	114	0	0
Surr: 4-Bromofluorobenzene	24.97	2.0	µg/L	25	0	99.9	79	117	0	0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

Sample ID: Icsf-05/06/06	Batch ID: R32833	Test Code: SW8260B	Units: µg/L	Analysis Date: 5/6/2006 1:55:00 PM	Prep Date: 5/6/2006					
Client ID:	Run ID: V-3_060506A	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Analyte	Result	RL	Units							
Dichlorodifluoromethane	20.1	5.0	µg/L	20	0	100	10	150	0	0
Chloromethane	17.27	5.0	µg/L	20	0	86.4	37	150	0	0
Vinyl chloride	18.44	2.0	µg/L	20	0	92.2	48	150	0	0
Chloroethane	19.21	5.0	µg/L	20	0	96	54	142	0	0
Bromomethane	22.06	2.0	µg/L	20	0	110	51	137	0	0
Trichlorofluoromethane	18.25	2.0	µg/L	20	0	91.2	62	141	0	0
Diethyl ether	19.66	5.0	µg/L	20	0	98.3	68	134	0	0
Acetone	20.16	10	µg/L	20	0	101	9	150	0	0
1,1-Dichloroethene	19.98	1.0	µg/L	20	0	99.9	68	146	0	0
Carbon disulfide	18.34	2.0	µg/L	20	0	91.7	52	131	0	0
Methylene chloride	20.01	5.0	µg/L	20	0	100	67	138	0	0
Methyl tert-butyl ether	19.88	2.0	µg/L	20	0	99.4	63	139	0	0
trans-1,2-Dichloroethene	20.2	2.0	µg/L	20	0	101	81	126	0	0
1,1-Dichloroethane	19.87	2.0	µg/L	20	0	99.4	78	124	0	0
2-Butanone	22.35	10	µg/L	20	0	112	41	150	0	0
2,2-Dichloropropane	24.3	2.0	µg/L	20	0	122	71	150	0	0
cis-1,2-Dichloroethene	20.32	2.0	µg/L	20	0	102	78	121	0	0
Chloroform	20.55	2.0	µg/L	20	0	103	82	123	0	0
Tetrahydrofuran	20.13	10	µg/L	20	0	101	51	146	0	0
Bromoform	20.68	2.0	µg/L	20	0	103	77	131	0	0
1,1,1-Trichloroethane	21.03	2.0	µg/L	20	0	105	81	127	0	0
1,1-Dichloropropene	20.36	2.0	µg/L	20	0	102	76	119	0	0
Carbon tetrachloride	20.46	2.0	µg/L	20	0	102	76	129	0	0
1,2-Dichloroethane	20.12	2.0	µg/L	20	0	101	76	127	0	0
Benzene	20.05	1.0	µg/L	20	0	100	81	118	0	0

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

B - Analyte detected in the associated Method Blank

AMRO Environmental Laboratories Corp

Date: 20-May-06

## QC SUMMARY REPORT

Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.
Work Order:	0605030
Project:	101960 Textron
Trichloroethene	19.76
1,2-Dichloropropane	20.51
Bromodichloromethane	18.5
Dibromomethane	19.34
4-Methyl-2-pentanone	17.29
cis-1,3-Dichloropropene	19.55
Toluene	20.2
trans-1,3-Dichloropropene	21.22
1,1,2-Trichloroethane	18.9
1,2-Dibromoethane	20.23
2-Hexanone	17.58
1,3-Dichloropropane	21.25
Tetrachloroethene	21.63
Dibromochloromethane	19.54
Chlordbenzene	20.13
1,1,2-Tetrachloroethane	20.45
Ethylbenzene	20.3
m,p-Xylene	41.57
$\alpha$ -Xylene	21.36
Styrene	20.58
Bromoform	21.57
Isopropylbenzene	19.83
1,1,2,2-Tetrachloroethane	20.01
1,2,3-Trichloropropane	20.07
Bromobenzene	21.4
n-Propylbenzene	19.97
2-Chlorotoluene	20.19
4-Chlorotoluene	20.18
1,3,5-Trimethylbenzene	20.32
tert-Butylbenzene	19.59
1,2,4-Trimethylbenzene	20.35

**Qualifiers:** ND - Not Detected at the Reporting Limit

PI - Reporting limit, defined as the lowest concentration the laboratory can accurately quantitate.  
J - Analyte detected below quantitation limits  
K - RxD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank

卷之三

AMRO Environmental Laboratories Corp

Date: 20-May-06

# QC SUMMARY REPORT

## Laboratory Control Spike - Full List

CLIENT:		SHAW E & I, Inc.	
Work Order:	0605030	Project:	101960 Textron
sec-Butylbenzene	20.2	2.0	µg/L
4-Isopropyltoluene	20.35	2.0	µg/L
1,3-Dichlorobenzene	20.15	2.0	µg/L
1,4-Dichlorobenzene	20.56	2.0	µg/L
m-Butylbenzene	20.11	2.0	µg/L
1,2-Dichlorobenzene	19.61	2.0	µg/L
1,2-Dibromo-3-chloropropane	17.77	5.0	µg/L
1,2,4-Trichlorobenzene	19.83	2.0	µg/L
Hexachlorobutadiene	17.55	2.0	µg/L
Naphthalene	19.08	5.0	µg/L
1,2,3-Trichlorobenzene	19.83	2.0	µg/L
Surr: Dibromoformoethane	24.57	2.0	µg/L
Surr: 1,2-Dichloroethane-d4	24.45	2.0	µg/L
Surr: Toluene-d8	24.13	2.0	µg/L
Surr: 4-Bromofluorobenzene	25.62	2.0	µg/L

99

Qualifiers: ND - Not Detected at the Reporting Limit

S : Spike Recovery outside accepted recovery limits

R<sup>-</sup> RPD outside accepted recovery limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

B - Alluvial terrace in the area of the Meuse River

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

Client ID: LCSF-05/08/06      Batch ID: R32849      Test Code: SW8260B      Units: µg/L  
Sample ID: LCSF-05/08/06      Run ID: V-3\_060508A      Analysis Date: 5/8/2006 12:23:00 PM  
Project: 101960 Textron

Analyte	QC Sample Result	RL	Units	Amount	QC Spike Original Sample Result	%REC	Low limit	High limit	Original Sample or MS Result	%RPD	RPD Limit	Qua
Dichlorodifluoromethane	19.17	5.0	µg/L	20	0	95.8	10	150	0	0	0	
Chloromethane	15.97	5.0	µg/L	20	0	79.8	37	150	0	0	0	
Vinyl chloride	17.85	2.0	µg/L	20	0	89.2	48	150	0	0	0	
Chloroethane	17.69	5.0	µg/L	20	0	88.4	54	142	0	0	0	
Bromomethane	20.06	2.0	µg/L	20	0	100	51	137	0	0	0	
Trichlorofluoromethane	17.76	2.0	µg/L	20	0	88.8	62	141	0	0	0	
Diethyl ether	17.47	5.0	µg/L	20	0	87.4	68	134	0	0	0	
Acetone	17.45	10	µg/L	20	0	87.2	9	150	0	0	0	
1,1-Dichloroethene	17.22	1.0	µg/L	20	0	86.1	68	146	0	0	0	
Carbon disulfide	15.75	2.0	µg/L	20	0	78.8	52	131	0	0	0	
Methylene chloride	16.49	5.0	µg/L	20	0	82.5	67	138	0	0	0	
Methyl tert-butyl ether	17.06	2.0	µg/L	20	0	85.3	63	139	0	0	0	
trans-1,2-Dichloroethene	18.27	2.0	µg/L	20	0	91.4	81	126	0	0	0	
1,1-Dichloroethane	17.83	2.0	µg/L	20	0	89.2	78	124	0	0	0	
2-Butanone	16.09	10	µg/L	20	0	80.4	41	150	0	0	0	
2,2-Dichloropropane	23.23	2.0	µg/L	20	0	116	71	150	0	0	0	
cis-1,2-Dichloroethene	17.59	2.0	µg/L	20	0	88	78	121	0	0	0	
Chloroform	19.18	2.0	µg/L	20	0	95.9	82	123	0	0	0	
Tetrahydrofuran	20.53	10	µg/L	20	0	103	51	146	0	0	0	
Bromoform	18.94	2.0	µg/L	20	0	94.7	77	131	0	0	0	
1,1,1-Trichloroethane	20.47	2.0	µg/L	20	0	102	81	127	0	0	0	
1,1-Dichloropropene	18.92	2.0	µg/L	20	0	94.6	76	119	0	0	0	
Carbon tetrachloride	21.06	2.0	µg/L	20	0	105	76	129	0	0	0	
1,2-Dichloroethane	17.99	2.0	µg/L	20	0	90	76	127	0	0	0	
Benzene	18.84	1.0	µg/L	20	0	94.2	81	118	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron	Trichloroethene	18.78	2.0	µg/L	20	0	93.9	81	119	0
1,2-Dichloropropane	18.46	2.0	µg/L	20	0	92.3	79	120	0						
Bromodichloromethane	17.38	2.0	µg/L	20	0	86.9	77	131	0						
Dibromomethane	18.74	2.0	µg/L	20	0	93.7	76	128	0						
4-Methyl-2-pentanone	18.55	1.0	µg/L	20	0	92.8	51	141	0						
cis-1,3-Dichloropropene	18.08	1.0	µg/L	20	0	90.4	76	120	0						
Toluene	19.21	2.0	µg/L	20	0	96	83	119	0						
trans-1,3-Dichloropropene	19.83	1.0	µg/L	20	0	99.2	66	128	0						
1,1,2-Trichloroethane	18.02	2.0	µg/L	20	0	90.1	74	123	0						
1,2-Dibromoethane	19.52	2.0	µg/L	20	0	97.6	72	128	0						
2-Hexanone	17.73	1.0	µg/L	20	0	88.6	31	148	0						
1,3-Dichloropropane	18.52	2.0	µg/L	20	0	92.6	76	122	0						
Tetrachloroethene	20.4	2.0	µg/L	20	0	102	81	124	0						
Dibromochloromethane	17.72	2.0	µg/L	20	0	88.6	63	126	0						
Chlorobenzene	18.8	2.0	µg/L	20	0	94	84	113	0						
1,1,1,2-Tetrachloroethane	18.36	2.0	µg/L	20	0	91.8	73	124	0						
Ethylbenzene	18.48	2.0	µg/L	20	0	92.4	83	118	0						
m,p-Xylene	37.51	2.0	µg/L	40	0	93.8	85	116	0						
o-Xylene	18.96	2.0	µg/L	20	0	94.8	84	115	0						
Styrene	18.47	2.0	µg/L	20	0	92.4	81	118	0						
Bromoform	19.67	2.0	µg/L	20	0	98.4	55	126	0						
Isopropylbenzene	18.77	2.0	µg/L	20	0	93.8	77	125	0						
1,1,2,2-Tetrachloroethane	18.39	2.0	µg/L	20	0	92	62	134	0						
1,2,3-Trichloropropane	17.82	2.0	µg/L	20	0	89.1	62	132	0						
Bromobenzene	18.96	2.0	µg/L	20	0	94.8	78	119	0						
n-Propylbenzene	18.19	2.0	µg/L	20	0	91	77	127	0						
2-Chlorotoluene	17.83	2.0	µg/L	20	0	89.2	78	118	0						
4-Chlorotoluene	18.35	2.0	µg/L	20	0	91.8	77	119	0						
1,3,5-Trimethylbenzene	18.76	2.0	µg/L	20	0	93.8	80	120	0						
tert-Butylbenzene	18.49	2.0	µg/L	20	0	92.5	81	120	0						
1,2,4-Trimethylbenzene	18.2	2.0	µg/L	20	0	91	80	118	0						

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

sec-Butylbenzene	18.81	2.0	µg/L	20	0	94.1	82	123	0
4-Isopropyltoluene	19.18	2.0	µg/L	20	0	95.9	80	126	0
1,3-Dichlorobenzene	18.39	2.0	µg/L	20	0	92	84	115	0
1,4-Dichlorobenzene	18.29	2.0	µg/L	20	0	91.4	79	117	0
n-Butylbenzene	19.24	2.0	µg/L	20	0	96.2	76	128	0
1,2-Dichlorobenzene	17.87	2.0	µg/L	20	0	89.4	81	117	0
1,2-Dibromo-3-chloropropane	17.8	5.0	µg/L	20	0	89	47	136	0
1,2,4-Trichlorobenzene	18.46	2.0	µg/L	20	0	92.3	73	126	0
Heptachlorobutadiene	18.12	2.0	µg/L	20	0	91	77	134	0
Naphthalene	18.17	5.0	µg/L	20	0	90.8	58	138	0
1,2,3-Trichlorobenzene	18.66	2.0	µg/L	20	0	93.3	76	124	0
Surr: Dibromofluoromethane	25.15	2.0	µg/L	25	0	101	85	116	0
Surr: 1,2-Dichloroethane-d4	23.61	2.0	µg/L	25	0	94.4	77	127	0
Surr: Toluene-d8	24.26	2.0	µg/L	25	0	97	86	114	0
Surr: 4-Bromofluorobenzene	24.79	2.0	µg/L	25	0	99.2	79	117	0

Qualifiers: ND - Not Detected at the Reporting Limit  
I - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where I values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

Client ID:	Icsf-05/09/06	Batch ID:	R32863	Test Code:	SW8260B	Units:	µg/L	Analysis Date:	5/9/2006 10:44:00 AM
Run ID:	V-3_060509A	SeqNo:	541237	Prep Date:	5/9/2006				

Analyte	QC Sample Result	RL	Units	Amount	QC Spike Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	18.06	5.0	µg/L	20	0	90.3	10	150	0	0	0	
Chloromethane	15.15	3.0	µg/L	20	0	75.8	37	150	0	0	0	
Vinyl chloride	17.08	2.0	µg/L	20	0	85.4	48	150	0	0	0	
Chloroethane	18.03	5.0	µg/L	20	0	90.2	54	142	0	0	0	
Bromomethane	22.71	2.0	µg/L	20	0	114	51	137	0	0	0	
Trichlorofluoromethane	18.69	2.0	µg/L	20	0	93.4	62	141	0	0	0	
Diethyl ether	20.29	5.0	µg/L	20	0	101	68	134	0	0	0	
Acetone	20.12	10	µg/L	20	0	101	9	150	0	0	0	
1,1-Dichloroethene	18.79	1.0	µg/L	20	0	94	68	146	0	0	0	
Carbon disulfide	17.03	2.0	µg/L	20	0	85.2	52	131	0	0	0	
Methylene chloride	19.07	5.0	µg/L	20	0	95.4	67	138	0	0	0	
Methyl tert-butyl ether	19	2.0	µg/L	20	0	95	63	139	0	0	0	
trans-1,2-Dichloroethene	20.38	2.0	µg/L	20	0	102	81	126	0	0	0	
1,1-Dichloroethane	19.23	2.0	µg/L	20	0	96.2	78	124	0	0	0	
2-Butanone	20.18	10	µg/L	20	0	101	41	150	0	0	0	
2,2-Dichloropropane	24.31	2.0	µg/L	20	0	122	71	150	0	0	0	
cis-1,2-Dichloroethene	19.18	2.0	µg/L	20	0	95.9	78	121	0	0	0	
Chloroform	20.86	2.0	µg/L	20	0	104	82	123	0	0	0	
Tetrahydrofuran	21.35	10	µg/L	20	0	107	51	146	0	0	0	
Bromoform	20.62	2.0	µg/L	20	0	103	77	131	0	0	0	
1,1,1-Trichloroethane	21.31	2.0	µg/L	20	0	107	81	127	0	0	0	
1,1-Dichloropropene	20.14	2.0	µg/L	20	0	101	76	119	0	0	0	
Carbon tetrachloride	20.83	2.0	µg/L	20	0	104	76	129	0	0	0	
1,2-Dichloroethane	19.7	2.0	µg/L	20	0	98.5	76	127	0	0	0	
Benzene	19.72	1.0	µg/L	20	0	98.6	81	118	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.		
Work Order:	0605030		
Project:	101960 Textron		
Trichloroethene	20.88	2.0	µg/L
1,2-Dichloropropane	20.7	2.0	µg/L
Bromodichloromethane	19.12	2.0	µg/L
Dibromomethane	20.65	2.0	µg/L
4-Methyl-2-pentanone	20.43	10	µg/L
cis-1,3-Dichloropropene	19.7	1.0	µg/L
Toluene	20.78	2.0	µg/L
trans-1,3-Dichloropropene	21.61	1.0	µg/L
1,1,2-Trichloroethane	20.58	2.0	µg/L
1,2-Dibromoethane	21.7	2.0	µg/L
2-Hexanone	18.01	10	µg/L
1,3-Dichloropropane	20.02	2.0	µg/L
Tetrachloroethene	21.65	2.0	µg/L
Dibromochloromethane	19.04	2.0	µg/L
Chlorobenzene	19.79	2.0	µg/L
1,1,1,2-Tetrachloroethane	20.09	2.0	µg/L
Ethylbenzene	19.27	2.0	µg/L
m,p-Xylene	40.18	2.0	µg/L
o-Xylene	20.24	2.0	µg/L
Styrene	19.86	2.0	µg/L
Bromoform	20.98	2.0	µg/L
Isopropylbenzene	19.07	2.0	µg/L
1,1,2,2-Tetrachloroethane	19.68	2.0	µg/L
1,2,3-Trichloropropane	19.84	2.0	µg/L
Bromobenzene	19.94	2.0	µg/L
n-Propylbenzene	18.9	2.0	µg/L
2-Chlorotoluene	18.99	2.0	µg/L
4-Chlorotoluene	19.55	2.0	µg/L
1,3,5-Trimethylbenzene	19.14	2.0	µg/L
tert-Butylbenzene	18.95	2.0	µg/L
1,2,4-Trimethylbenzene	19.82	2.0	µg/L
Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	NA - Not applicable where J values or ND results occur
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.		

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron	Conc. (ppm)					
sec-Butylbenzene	19.34	2.0	µg/L	20	0	96.7	82	123	0		
4-Isopropyltoluene	19.39	2.0	µg/L	20	0	97	80	126	0		
1,3-Dichlorobenzene	19.76	2.0	µg/L	20	0	98.8	84	115	0		
1,4-Dichlorobenzene	19.83	2.0	µg/L	20	0	99.2	79	117	0		
n-Butylbenzene	19.44	2.0	µg/L	20	0	97.2	76	128	0		
1,2-Dichlorobenzene	19.87	2.0	µg/L	20	0	99.4	81	117	0		
1,2-Dibromo-3-chloropropane	18.67	5.0	µg/L	20	0	93.4	47	136	0		
1,2,4-Trichlorobenzene	20.24	2.0	µg/L	20	0	101	73	126	0		
Hexachlorobutadiene	17.86	2.0	µg/L	20	0	89.3	77	134	0		
Naphthalene	19.14	5.0	µg/L	20	0	95.7	58	138	0		
1,2,3-Trichlorobenzene	20.41	2.0	µg/L	20	0	102	76	124	0		
Surr: Dibromofluoromethane	24.82	2.0	µg/L	25	0	99.3	85	116	0		
Surr: 1,2-Dichloroethane-d4	24.71	2.0	µg/L	25	0	98.8	77	127	0		
Surr: Toluene-d8	25.23	2.0	µg/L	25	0	101	86	114	0		
Surr: 4-Bromofluorobenzene	24.98	2.0	µg/L	25	0	99.9	79	117	0		

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

Analyte	QC Sample Result	RL	Units	QC Spike Original Sample			%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
				QC Amount	Original Sample Result	%REC							
Dichlorodifluoromethane	15.83	5.0	µg/L	20	0	79.2	10	150	0	0	0	0	0
Chloromethane	16.57	5.0	µg/L	20	0	82.8	37	150	0	0	0	0	0
Vinyl chloride	18.49	2.0	µg/L	20	0	92.5	48	150	0	0	0	0	0
Chloroethane	19.94	5.0	µg/L	20	0	99.7	54	142	0	0	0	0	0
Bromomethane	23.44	2.0	µg/L	20	0	117	51	137	0	0	0	0	0
Trichlorofluoromethane	18.18	2.0	µg/L	20	0	90.9	62	141	0	0	0	0	0
Diethyl ether	20.37	5.0	µg/L	20	0	102	68	134	0	0	0	0	0
Acetone	18.7	10	µg/L	20	0	93.5	9	150	0	0	0	0	0
1,1-Dichloroethene	20.06	1.0	µg/L	20	0	100	68	146	0	0	0	0	0
Carbon disulfide	18.95	2.0	µg/L	20	0	94.8	52	131	0	0	0	0	0
Methylene chloride	20.36	5.0	µg/L	20	0	102	67	138	0	0	0	0	0
Methyl tert-butyl ether	19.04	2.0	µg/L	20	0	95.2	63	139	0	0	0	0	0
trans-1,2-Dichloroethene	20.69	2.0	µg/L	20	0	103	81	126	0	0	0	0	0
1,1-Dichloroethane	20.28	2.0	µg/L	20	0	101	78	124	0	0	0	0	0
2-Butanone	19.21	10	µg/L	20	0	96	41	150	0	0	0	0	0
2,2-Dichloropropane	24.27	2.0	µg/L	20	0	121	71	150	0	0	0	0	0
cis-1,2-Dichloroethene	20.19	2.0	µg/L	20	0	101	78	121	0	0	0	0	0
Chloroform	21.99	2.0	µg/L	20	0	110	82	123	0	0	0	0	0
Tetrahydrofuran	20.63	10	µg/L	20	0	103	51	146	0	0	0	0	0
Bromochloromethane	21.42	2.0	µg/L	20	0	107	77	131	0	0	0	0	0
1,1,1-Trichloroethane	22.77	2.0	µg/L	20	0	114	81	127	0	0	0	0	0
1,1-Dichloropropene	21.28	2.0	µg/L	20	0	106	76	119	0	0	0	0	0
Carbon tetrachloride	21.79	2.0	µg/L	20	0	109	76	129	0	0	0	0	0
1,2-Dichloroethane	20.58	2.0	µg/L	20	0	103	76	127	0	0	0	0	0
Benzene	20.7	1.0	µg/L	20	0	104	81	118	0	0	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit, defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp

Date: 20-May-06

## QC SUMMARY REPORT

Laboratory Control Spike - Full List

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limit

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike - Full List

CLIENT:	SHAW E & I, Inc.	Work Order:	0605030	Project:	101960 Textron						
sec-Butylbenzene	20.03	2.0	µg/L	20	0	100	82	123	0		
4-Isopropyltoluene	20.14	2.0	µg/L	20	0	101	80	126	0		
1,3-Dichlorobenzene	20.2	2.0	µg/L	20	0	101	84	115	0		
1,4-Dichlorobenzene	19.88	2.0	µg/L	20	0	99.4	79	117	0		
n-Butylbenzene	20.49	2.0	µg/L	20	0	102	76	128	0		
1,2-Dichlorobenzene	19.78	2.0	µg/L	20	0	98.9	81	117	0		
1,2-Dibromo-3-chloropropane	17.59	5.0	µg/L	20	0	88	47	136	0		
1,2,4-Trichlorobenzene	19.98	2.0	µg/L	20	0	99.9	73	126	0		
Hexachlorobutadiene	18.76	2.0	µg/L	20	0	93.8	77	134	0		
Naphthalene	18.14	5.0	µg/L	20	0	90.7	58	138	0		
1,2,3-Trichlorobenzene	19.67	2.0	µg/L	20	0	98.4	76	124	0		
Surr: Dibromofluoromethane	25.72	2.0	µg/L	25	0	103	85	116	0		
Surr: 1,2-Dichloroethane-d4	25.1	2.0	µg/L	25	0	100	77	127	0		
Surr: Toluene-d8	25.04	2.0	µg/L	25	0	100	86	114	0		
Surr: 4-Bromofluorobenzene	26.06	2.0	µg/L	25	0	104	79	117	0		

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Lab Order:</b>	0605030
<b>Project:</b>	101960 Textron		

<b>Lab ID:</b>	0605030-01	<b>Collection Date:</b>	5/3/06 7:00:00 AM
----------------	------------	-------------------------	-------------------

**Collection Time:**

<b>Client Sample ID:</b>	MW-206D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	57	5.0		mg/L	10	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	ND	50		mg/L	1	5/10/06

<b>Lab ID:</b>	0605030-02	<b>Collection Date:</b>	5/3/06 7:30:00 AM
----------------	------------	-------------------------	-------------------

**Collection Time:**

<b>Client Sample ID:</b>	MW-206S	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	3.4	0.50		mg/L	1	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	ND	50		mg/L	1	5/10/06

<b>Lab ID:</b>	0605030-03	<b>Collection Date:</b>	5/3/06 8:00:00 AM
----------------	------------	-------------------------	-------------------

**Collection Time:**

<b>Client Sample ID:</b>	MW-204D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	5.9	0.50		mg/L	1	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	ND	50		mg/L	1	5/10/06

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

CLIENT:	SHAW E & I, Inc.	Lab Order:	0605030
Project:	101960 Textron		

Lab ID:	0605030-04	Collection Date:	5/3/06 8:30:00 AM
---------	------------	------------------	-------------------

Collection Time:

Client Sample ID:	MW-204S	Matrix:	GROUNDWATER
-------------------	---------	---------	-------------

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	1.4	0.50	mg/L	1	5/11/06
----------	-----	------	------	---	---------

HACH 8000 COD	HACH8000				Analyst: GM
---------------	----------	--	--	--	-------------

Chemical Oxygen Demand	ND	50	mg/L	1	5/10/06
------------------------	----	----	------	---	---------

Lab ID:	0605030-05	Collection Date:	5/3/06 9:00:00 AM
---------	------------	------------------	-------------------

Collection Time:

Client Sample ID:	MW-207S	Matrix:	GROUNDWATER
-------------------	---------	---------	-------------

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	120	15	mg/L	30	5/11/06
----------	-----	----	------	----	---------

HACH 8000 COD	HACH8000				Analyst: GM
---------------	----------	--	--	--	-------------

Chemical Oxygen Demand	78	50	mg/L	1	5/10/06
------------------------	----	----	------	---	---------

Lab ID:	0605030-06	Collection Date:	5/3/06 9:30:00 AM
---------	------------	------------------	-------------------

Collection Time:

Client Sample ID:	MW-207D	Matrix:	GROUNDWATER
-------------------	---------	---------	-------------

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	110	15	mg/L	30	5/11/06
----------	-----	----	------	----	---------

HACH 8000 COD	HACH8000				Analyst: GM
---------------	----------	--	--	--	-------------

Chemical Oxygen Demand	ND	50	mg/L	1	5/10/06
------------------------	----	----	------	---	---------

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Lab Order:</b>	0605030
<b>Project:</b>	101960 Textron		

<b>Lab ID:</b>	0605030-07	<b>Collection Date:</b>	5/3/06 10:00:00 AM
----------------	------------	-------------------------	--------------------

Collection Time:

Client Sample ID: MW-202S Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	120	5.0		mg/L	10	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	ND	50		mg/L	1	5/10/06

<b>Lab ID:</b>	0605030-08	<b>Collection Date:</b>	5/3/06 10:30:00 AM
----------------	------------	-------------------------	--------------------

Collection Time:

Client Sample ID: MW-202D Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	ND	25		mg/L	50	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	64	50		mg/L	1	5/10/06

<b>Lab ID:</b>	0605030-09	<b>Collection Date:</b>	5/3/06 11:00:00 AM
----------------	------------	-------------------------	--------------------

Collection Time:

Client Sample ID: MW-202S DUP. Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	64	5.0		mg/L	10	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	73	50		mg/L	1	5/10/06

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Lab Order:</b>	0605030
<b>Project:</b>	101960 Textron		

<b>Lab ID:</b>	0605030-10	<b>Collection Date:</b>	5/3/06 11:30:00 AM
		<b>Collection Time:</b>	

<b>Client Sample ID:</b>	MW-101D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ION CHROMATOGRAPHY</b>	E300					<b>Analyst: RK</b>
Chloride	3.5	0.50		mg/L	1	5/12/06
<b>HACH 8000 COD</b>	HACH8000					<b>Analyst: GM</b>
Chemical Oxygen Demand	140	50		mg/L	1	5/10/06

<b>Lab ID:</b>	0605030-11	<b>Collection Date:</b>	5/3/06 12:00:00 PM
		<b>Collection Time:</b>	

<b>Client Sample ID:</b>	MW-201S	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ION CHROMATOGRAPHY</b>	E300					<b>Analyst: RK</b>
Chloride	230	25		mg/L	50	5/12/06
<b>HACH 8000 COD</b>	HACH8000					<b>Analyst: GM</b>
Chemical Oxygen Demand	57	50		mg/L	1	5/11/06

<b>Lab ID:</b>	0605030-12	<b>Collection Date:</b>	5/3/06 12:30:00 PM
		<b>Collection Time:</b>	

<b>Client Sample ID:</b>	MW-201D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ION CHROMATOGRAPHY</b>	E300					<b>Analyst: RK</b>
Chloride	36	5.0		mg/L	10	5/11/06
<b>HACH 8000 COD</b>	HACH8000					<b>Analyst: GM</b>
Chemical Oxygen Demand	64	50		mg/L	1	5/11/06

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Lab Order:</b>	0605030
<b>Project:</b>	101960 Textron		

<b>Lab ID:</b>	0605030-13	<b>Collection Date:</b>	5/3/06 1:00:00 PM
----------------	------------	-------------------------	-------------------

<b>Collection Time:</b>
-------------------------

<b>Client Sample ID:</b>	MW-203S	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
-----------------	---------------	-----------	-------------	--------------	-----------	----------------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	150	5.0	mg/L	10	5/11/06
----------	-----	-----	------	----	---------

HACH 8000 COD	HACH8000				Analyst: GM
---------------	----------	--	--	--	-------------

Chemical Oxygen Demand	55	50	mg/L	1	5/11/06
------------------------	----	----	------	---	---------

<b>Lab ID:</b>	0605030-14	<b>Collection Date:</b>	5/3/06 1:30:00 PM
----------------	------------	-------------------------	-------------------

<b>Collection Time:</b>
-------------------------

<b>Client Sample ID:</b>	MW-203D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
-----------------	---------------	-----------	-------------	--------------	-----------	----------------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	170	5.0	mg/L	10	5/11/06
----------	-----	-----	------	----	---------

HACH 8000 COD	HACH8000				Analyst: GM
---------------	----------	--	--	--	-------------

Chemical Oxygen Demand	ND	50	mg/L	1	5/11/06
------------------------	----	----	------	---	---------

<b>Lab ID:</b>	0605030-15	<b>Collection Date:</b>	5/3/06 2:00:00 PM
----------------	------------	-------------------------	-------------------

<b>Collection Time:</b>
-------------------------

<b>Client Sample ID:</b>	MW-209D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
-----------------	---------------	-----------	-------------	--------------	-----------	----------------------

ION CHROMATOGRAPHY	E300					Analyst: RK
--------------------	------	--	--	--	--	-------------

Chloride	110	5.0	mg/L	10	5/11/06
----------	-----	-----	------	----	---------

HACH 8000 COD	HACH8000				Analyst: GM
---------------	----------	--	--	--	-------------

Chemical Oxygen Demand	ND	50	mg/L	1	5/11/06
------------------------	----	----	------	---	---------

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Lab Order:</b>	0605030
<b>Project:</b>	101960 Textron		

<b>Lab ID:</b>	0605030-16	<b>Collection Date:</b>	5/3/06 2:30:00 PM
		<b>Collection Time:</b>	

<b>Client Sample ID:</b>	MW-112	<b>Matrix:</b>	GROUNDWATER
--------------------------	--------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
-----------------	---------------	-----------	-------------	--------------	-----------	----------------------

<b>ION CHROMATOGRAPHY</b>	<b>E300</b>					<b>Analyst:</b> RK
---------------------------	-------------	--	--	--	--	--------------------

Chloride	87	5.0	mg/L	10	5/11/06
----------	----	-----	------	----	---------

<b>HACH 8000 COD</b>	<b>HACH8000</b>					<b>Analyst:</b> GM
----------------------	-----------------	--	--	--	--	--------------------

Chemical Oxygen Demand	ND	50	mg/L	1	5/11/06
------------------------	----	----	------	---	---------

<b>Lab ID:</b>	0605030-17	<b>Collection Date:</b>	5/3/06 3:00:00 PM
----------------	------------	-------------------------	-------------------

<b>Collection Time:</b>
-------------------------

<b>Client Sample ID:</b>	MW-205	<b>Matrix:</b>	GROUNDWATER
--------------------------	--------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
-----------------	---------------	-----------	-------------	--------------	-----------	----------------------

<b>ION CHROMATOGRAPHY</b>	<b>E300</b>					<b>Analyst:</b> RK
---------------------------	-------------	--	--	--	--	--------------------

Chloride	3.2	0.50	mg/L	1	5/12/06
----------	-----	------	------	---	---------

<b>HACH 8000 COD</b>	<b>HACH8000</b>					<b>Analyst:</b> GM
----------------------	-----------------	--	--	--	--	--------------------

Chemical Oxygen Demand	ND	50	mg/L	1	5/11/06
------------------------	----	----	------	---	---------

<b>Lab ID:</b>	0605030-18	<b>Collection Date:</b>	5/3/06 3:30:00 PM
----------------	------------	-------------------------	-------------------

<b>Collection Time:</b>
-------------------------

<b>Client Sample ID:</b>	MW-208D	<b>Matrix:</b>	GROUNDWATER
--------------------------	---------	----------------	-------------

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
-----------------	---------------	-----------	-------------	--------------	-----------	----------------------

<b>ION CHROMATOGRAPHY</b>	<b>E300</b>					<b>Analyst:</b> RK
---------------------------	-------------	--	--	--	--	--------------------

Chloride	200	15	mg/L	30	5/12/06
----------	-----	----	------	----	---------

<b>HACH 8000 COD</b>	<b>HACH8000</b>					<b>Analyst:</b> GM
----------------------	-----------------	--	--	--	--	--------------------

Chemical Oxygen Demand	91	50	mg/L	1	5/11/06
------------------------	----	----	------	---	---------

**AMRO Environmental Laboratories Corp.**

Date: 17-May-06

<b>CLIENT:</b>	SHAW E & I, Inc.	<b>Lab Order:</b>	0605030
<b>Project:</b>	101960 Textron		

<b>Lab ID:</b>	0605030-19	<b>Collection Date:</b>	5/3/06 4:00:00 PM
<b>Client Sample ID:</b>	<b>Collection Time:</b>		

**Client Sample ID:** MW-208S      **Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	240	25		mg/L	50	5/12/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	66	50		mg/L	1	5/11/06

<b>Lab ID:</b>	0605030-20	<b>Collection Date:</b>	5/3/06 4:30:00 PM
<b>Client Sample ID:</b>	<b>Collection Time:</b>		

**Client Sample ID:** MW-116S      **Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	20	5.0		mg/L	10	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	ND	50		mg/L	1	5/11/06

<b>Lab ID:</b>	0605030-21	<b>Collection Date:</b>	5/3/06 5:00:00 PM
<b>Client Sample ID:</b>	<b>Collection Time:</b>		

**Client Sample ID:** MW-116      **Matrix:** GROUNDWATER

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
ION CHROMATOGRAPHY	E300					Analyst: RK
Chloride	120	5.0		mg/L	10	5/11/06
HACH 8000 COD	HACH8000					Analyst: GM
Chemical Oxygen Demand	ND	50		mg/L	1	5/11/06

# AMRO Environmental Laboratories Corp.

Date: 16-May-06

## QC SUMMARY REPORT

Method Blank

**CLIENT:** SHAW E & I, Inc.

**Work Order:** 0605030

**Project:** 101960 Textron

Sample ID:	Batch ID:	Test Code:	Units:	QC Sample Result	QC Spike Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result	Analysis Date:	SeqNo:	Prep Date:
Sample ID: MB-R32892	Batch ID: R32892	E300	mg/L	ND	DIONEX_060511A						5/11/2006	541619	
Client ID:		Run ID:		QC Sample Result	RL	Units	Amount	QC Spike Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Analyte:				Chloride	ND	0.50	mg/L						
Sample ID: MB-R32917	Batch ID: R32917	E300	mg/L	ND	DIONEX_060512A			QC Sample Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Client ID:		Run ID:		QC Sample Result	RL	Units	Amount	QC Spike Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Analyte:				Chloride	ND	0.50	mg/L						
Sample ID: MB-R32865	Batch ID: R32865	HACH8000	mg/L	ND	ING-WET_060510B			QC Sample Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Client ID:		Run ID:		QC Sample Result	RL	Units	Amount	QC Spike Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Analyte:				Chemical Oxygen Demand	ND	50	mg/L						
Sample ID: MB-R32882	Batch ID: R32882	HACH8000	mg/L	ND	ING-WET_060511B			QC Sample Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Client ID:		Run ID:		QC Sample Result	RL	Units	Amount	QC Spike Result	Original Sample Amount	%REC	LowLimit	HighLimit	or MS Result
Analyte:				Chemical Oxygen Demand	ND	50	mg/L						

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Sample Duplicate

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

Sample ID: 0605030-07CD Batch ID: R322832 Test Code: E300 Units: mg/L

Client ID: MW-202S Run ID: DIONEX\_060511A

Analysis Date: 5/11/2006

SeqNo: 541638

Prep Date:

Analyte QC Sample Result RL Units Amount Result %REC LowLimit HighLimit Original Sample or MS Result %RPD RPDLimit Qua

Chloride 113.3 5.0 ng/L 0 0 0 0 0 118.1 4.15 20

Analysis Date: 5/11/2006

SeqNo: 541641

Prep Date:

Sample ID: 0605030-14CD Batch ID: R322832 Test Code: E300 Units: mg/L

Client ID: MW-203D Run ID: DIONEX\_060511A

Analysis Date: 5/11/2006

SeqNo: 541641

Prep Date:

Analyte QC Sample Result RL Units Amount Result %REC LowLimit HighLimit Original Sample or MS Result %RPD RPDLimit Qua

Chloride 167 5.0 ng/L 0 0 0 0 0 166.8 0.114 20

Analysis Date: 5/11/2006

SeqNo: 541642

Prep Date:

Sample ID: 0605030-21CD Batch ID: R322832 Test Code: E300 Units: mg/L

Client ID: MW-116 Run ID: DIONEX\_060511A

Analysis Date: 5/11/2006

SeqNo: 541642

Prep Date:

Analyte QC Sample Result RL Units Amount Result %REC LowLimit HighLimit Original Sample or MS Result %RPD RPDLimit Qua

Chloride 119 5.0 ng/L 0 0 0 0 0 120.5 1.25 20

Analysis Date: 5/12/2006

SeqNo: 542175

Prep Date:

Sample ID: 0605030-17CD Batch ID: R322917 Test Code: E300 Units: mg/L

Client ID: MW-205 Run ID: DIONEX\_060512A

Analysis Date: 5/12/2006

SeqNo: 542175

Prep Date:

Analyte QC Sample Result RL Units Amount Result %REC LowLimit HighLimit Original Sample or MS Result %RPD RPDLimit Qua

Chloride 3.194 0.50 ng/L 0 0 0 0 0 3.204 0.325 20

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 20-May-06

**QC SUMMARY REPORT**

Sample Duplicate

<b>CLIENT:</b>	SHAW E & I, Inc.
<b>Work Order:</b>	0605030
<b>Project:</b>	101960 Textron

Client ID:	Sample ID:	Batch ID:	Test Code:	Units:	Original Sample			Analysis Date:	SeqNo:	Prep Date:
					QC Sample Result	QC Spike Amount	Original Sample Result	%REC		
MW-101D	R32865	ING-WET_060510B	HACH8000	mg/L						
Chemical Oxygen Demand	129.8	50	mg/L		0	0	0	0		
MW-116	R32882	ING-WET_060511B	HACH8000	mg/L						
Chemical Oxygen Demand	39.05	50	mg/L		0	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

NA - Not applicable where J values or ND results occur

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

## AMRO Environmental Laboratories Corp.

Date: 16-May-06

### QC SUMMARY REPORT

Sample Matrix Spike

**CLIENT:** SHAW E & I, Inc.

Work Order: 0605030

Project: 101960 Textron

Sample ID: 0605030-07CMS		Batch ID: R32892		Test Code: E300		Units: mg/L		Analysis Date: 5/11/2006		Prep Date:	
Client ID: MW-202S		Run ID: DIONEX_060511A		QC Sample		QC Spike		Original Sample		Original Sample	
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit
Chloride	238.1	5.0	mg/L	125	118.1	96.1	90	110	0	0	
Sample ID: 0605030-07CMS		Batch ID: R32892		Test Code: E300		Units: mg/L		Analysis Date: 5/11/2006		Prep Date:	
Client ID: MW-202S		Run ID: DIONEX_060511A		QC Sample		QC Spike		Original Sample		Original Sample	
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit
Chloride	236.2	5.0	mg/L	125	118.1	94.5	90	110	238.1	0.824	20
Sample ID: 0605030-21CMS		Batch ID: R32892		Test Code: E300		Units: mg/L		Analysis Date: 5/11/2006		Prep Date:	
Client ID: MW-116		Run ID: DIONEX_060511A		QC Sample		QC Spike		Original Sample		Original Sample	
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit
Chloride	238	5.0	mg/L	125	120.5	94	90	110	0	0	
Sample ID: 0605030-17CMS		Batch ID: R32917		Test Code: E300		Units: mg/L		Analysis Date: 5/12/2006		Prep Date:	
Client ID: MW-205		Run ID: DIONEX_060512A		QC Sample		QC Spike		Original Sample		Original Sample	
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit
Chloride	16.2	0.50	mg/L	12.5	3.204	104	90	110	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

# AMRO Environmental Laboratories Corp.

## QC SUMMARY REPORT

Sample Matrix Spike

Date: 16-May-06

CLIENT: SHAW E & I, Inc.  
Work Order: 0605030  
Project: 101960 Textron

Sample ID:	0605030-10BMS	Batch ID:	R32865	Test Code:	HACH8000	Units:	mg/L	Analysis Date:	5/10/2006	Prep Date:								
Client ID:	MW-101D			Run ID:	ING-WET_060510B			SeqNo:	541278									
Analyte	Chemical Oxygen Demand	QC Sample	Result	RL	Units	Amount	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample	or MS Result	%RPD	RPDLimit	Qu	
Sample ID: 0605030-10BMS	D	Batch ID: R32865	Test Code: HACH8000	Run ID: ING-WET_060510B	Units: mg/L	500	141.1	87.6	80	120	0	0	Analysis Date: 5/10/2006	Prep Date:				
Client ID:	MW-101D	QC Sample	Result	RL	Units	Amount	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample	or MS Result	%RPD	RPDLimit	Qu	
Sample ID: 0605030-21BMS	D	Batch ID: R32882	Test Code: HACH8000	Run ID: ING-WET_060511B	Units: mg/L	500	141.1	85.8	80	120	579	1.58	20	Analysis Date: 5/11/2006	Prep Date:			
Client ID:	MW-116	QC Sample	Result	RL	Units	Amount	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample	or MS Result	%RPD	RPDLimit	Qu	
Chemical Oxygen Demand		569.9	50	mg/L	500	141.1	85.8	80	120	579	1.58	20						
Sample ID: 0605030-21BMS	D	Batch ID: R32882	Test Code: HACH8000	Run ID: ING-WET_060511B	Units: mg/L	500	141.1	85.8	80	120	579	1.58	20	Analysis Date: 5/11/2006	Prep Date:			
Client ID:	MW-116	QC Sample	Result	RL	Units	Amount	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample	or MS Result	%RPD	RPDLimit	Qu	
Chemical Oxygen Demand		520	50	mg/L	500	34.51	97.1	80	120	0	0	0						
Sample ID: 0605030-21BMS	D	Batch ID: R32882	Test Code: HACH8000	Run ID: ING-WET_060511B	Units: mg/L	500	34.51	94.8	80	120	520	2.21	20	Analysis Date: 5/11/2006	Prep Date:			
Client ID:	MW-116	QC Sample	Result	RL	Units	Amount	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	Original Sample	or MS Result	%RPD	RPDLimit	Qu	
Chemical Oxygen Demand		508.6	50	mg/L	500	34.51	94.8	80	120	520	2.21	20						

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

**AMRO Environmental Laboratories Corp.**

Date: 21-May-06

**QC SUMMARY REPORT**  
Laboratory Control Spike

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

Sample ID: LCS-R32892	Batch ID: R32892	Test Code: E300	Units: mg/L	Analysis Date 5/11/2006			Prep Date:
Client ID:	Run ID: DIONEX_060511A	QC Sample	Original Sample				
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit
Chloride	13.05	0.50	mg/L	12.5	0	104	90

Sample ID: LCSD	Batch ID: R32892	Test Code: E300	Units: mg/L	Analysis Date 5/11/2006			Prep Date:
Client ID:	Run ID: DIONEX_060511A	QC Sample	Original Sample				
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit
Chloride	13.13	0.50	mg/L	12.5	0	105	90

Sample ID: LCS-R32917	Batch ID: R32917	Test Code: E300	Units: mg/L	Analysis Date 5/12/2006			Prep Date:
Client ID:	Run ID: DIONEX_060512A	QC Sample	Original Sample	Result	%REC	LowLimit	HighLimit
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit
Chloride	12.59	0.50	mg/L	12.5	0	101	90

Sample ID: LCSD	Batch ID: R32917	Test Code: E300	Units: mg/L	Analysis Date 5/12/2006			Prep Date:
Client ID:	Run ID: DIONEX_060512A	QC Sample	Original Sample	Result	%REC	LowLimit	HighLimit
Analyte	Result	RL	Units	Amount	Result	%REC	LowLimit
Chloride	12.39	0.50	mg/L	12.5	0	99.1	90

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	N/A - Not applicable where J values or ND results occur
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.		

## AMRO Environmental Laboratories Corp.

Date: 16-May-06

### QC SUMMARY REPORT

Laboratory Control Spike

**CLIENT:** SHAW E & I, Inc.  
**Work Order:** 0605030  
**Project:** 101960 Textron

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 5/10/2006				Prep Date:				
Client ID:		Run ID:	mg/L	SeqNo:	Original Sample	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit	Qu
		QC Sample	Result	RL	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD
Chemical Oxygen Demand			470.1	50	500	0	94	80	120	120	0	
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 5/11/2006				Prep Date:				
Client ID:		Run ID:	mg/L	SeqNo:	Original Sample	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit	Qu
		QC Sample	Result	RL	QC Spike	Original Sample	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD
Chemical Oxygen Demand			463.3	50	500	0	92.7	80	120	120	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits.

B - Analyte detected in the associated Method Blank

NA - Not applicable where J values or ND results occur

## **APPENDIX C**



**Shaw® Shaw Environmental, Inc.**

**Shaw Environmental, Inc.**

Technology Applications Group  
304 Directors Drive  
Knoxville, TN 37923  
865.690.3211  
FAX: 865.694.9573

May 10, 2006

Edward VanDoren  
Shaw Environmental, Inc.  
3 Riverside Dr.  
Andover, MA 01810

**Subject: Textron Gorham Soil Oxidant Demand Analysis Results**

**Project Number: 101960.05000000**

Four (4) soil samples and one (1) groundwater were received 4/19/06 at the Shaw Environmental Technology Development Laboratory (TDL) for soil oxidant demand (SOD), total organic carbon (TOC), and fractional organic carbon (FOC) analysis. Samples were identified as follows:

<b>Field ID</b>	<b>LAB ID</b>	<b>Sample Type</b>
SB-210 (30-31')	TDL 10089	Soil – Dark brown organic sand
SB-210 (43-46')	TDL 10090	Soil – Dark brown organic sand
SB-214 (57-61')	TDL 10091	Soil – Dark silty sand & gravel
SB-213 (38-39')	TDL 10092	Soil – Dark silty sand
Site Groundwater	TDL 10093	Groundwater

Testing was done in accordance with the TDL Standard Operating Procedures for SOD using potassium permanganate as the oxidant, and colorimetric permanganate determination. A plot was generated of permanganate consumption as a function of time for each of the soils and is summarized below. Graphs and all sample data are attached. Samples were also analyzed for TOC and FOC. TOC data was obtained using a Tekmar TOC analyzer and instrument method with acid pretreatment of soil. FOC data including percent solids was obtained using ASTM D2974 at 440°C for organic matter and multiplying by a conversion factor of 0.58 to obtain the organic carbon concentration. The percent solids results are based on the as received soil.

Please see page 2 for a summary of SOD, TOC, FOC and percent solids results.

Summary of Soil Oxidant Demand (SOD) Results (g KMnO<sub>4</sub>/kg wet soil), (Permanganate Consumption); % solids; and TOC and FOC results in mg/Kg:

<u>Field ID</u>	<u>SOD g/kg Wet Soil</u>	<u>TOC mg/Kg</u>	<u>%FOC</u>	<u>% Solids</u>
SB-210 (30-31')	23	1,200	0.33	82.4
SB-210 (43-46')	21	690	0.30	85.9
SB-214 (57-61')	1.6	1,670	0.43	88.1
SB-213 (38-39')	2.0	2,520	0.33	83.7
Site Groundwater (unfiltered)	0.22 (g/L)			

The typical SOD range for permanganate applications is 1-10 g KMnO<sub>4</sub> per kg soil. We have measured SODs for potential sites anywhere in the range of from 0.1 g KMnO<sub>4</sub>/kg soil to 400 g KMnO<sub>4</sub>/kg soil. The low values (less than or equal to 10 g/kg soil) indicate economical reagent costs to treat the area. Higher SOD values in the range of 10 g/kg to 30 g/kg indicate proportionally higher reagent costs to treat the area and treatment decisions will typically include other considerations such as the size of the treatment area, other treatment options available, etc. The lab measured SOD is a total SOD for permanganate, but in actual application, the field observed SODs are typically 25% to 50% lower due to incomplete soil exposure and mass transfer limitations that must be judged based on soil type, subsurface formation, hydraulic conductivity, etc.

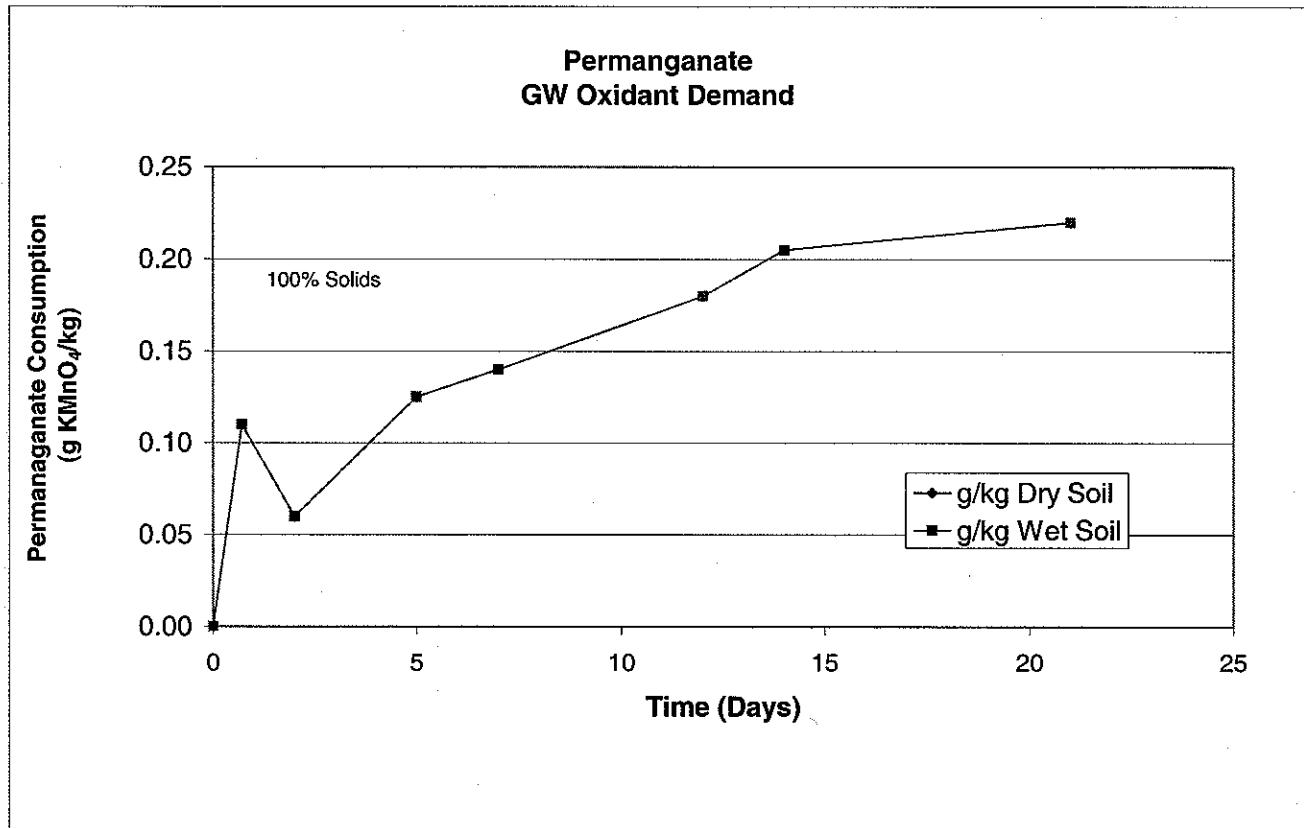
Please see attached SOD Data.

Ellen Lay  
Analytical Specialist  
Technology Development Laboratory  
Shaw Environmental  
Knoxville, TN  
(865) 560-5263

Project Name: Textron Gorham  
 Project Number: 101960.050000  
 Client Sample No. (Soil): NA  
 Description:  
 TAL Sample No.: NA  
 Solids (%): 100.00%  
 Fraction -4 mm particle size : NA  
 Weight Used (g): 100  
 Test Temp (°C) RT

Date Started:  
 Analyst Initials:  
 Client Sample No. (Water):  
 Description:  
 TAL Sample No.:  
 Volume Used (mL):  
 Initial Weight KMnO<sub>4</sub> (g):  
 Initial Conc. KMnO<sub>4</sub> (mg/L):

Time (Days)	KMnO <sub>4</sub> Conc. (mg/L)	KMnO <sub>4</sub> Addition (g)	Total KMnO <sub>4</sub> Added (g)	Time (Days)	KMnO <sub>4</sub> Consumed (g/kg Dry Soil)
0	2000	0.0	0.20	0	0.00
0.708	1890	0.0	0.20	0.708	0.11
2	1940	0.0	0.20	2	0.06
5	1875	0.0	0.20	5	0.13
7	1860	0.0	0.20	7	0.14
12	1820	0.0	0.20	12	0.18
14	1795	0.0	0.20	14	0.21
21	1780	0.0	0.20	21	0.22



4/19/2006

EML

Site GW

GW

10093

100

0.200

2,000

KMnO<sub>4</sub> Consumed

(g/kg Wet Soil)

0.00

0.11

0.06

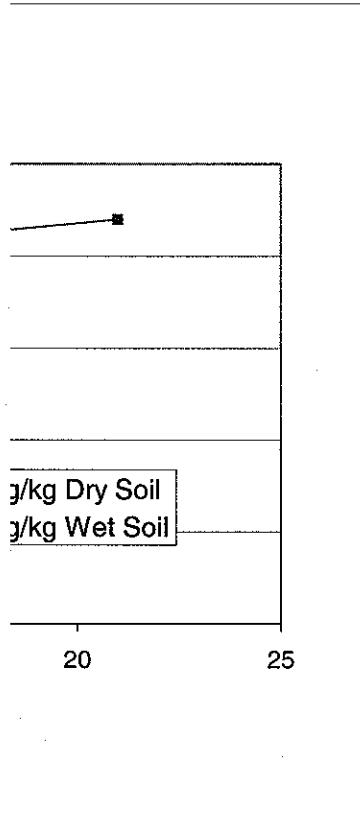
0.13

0.14

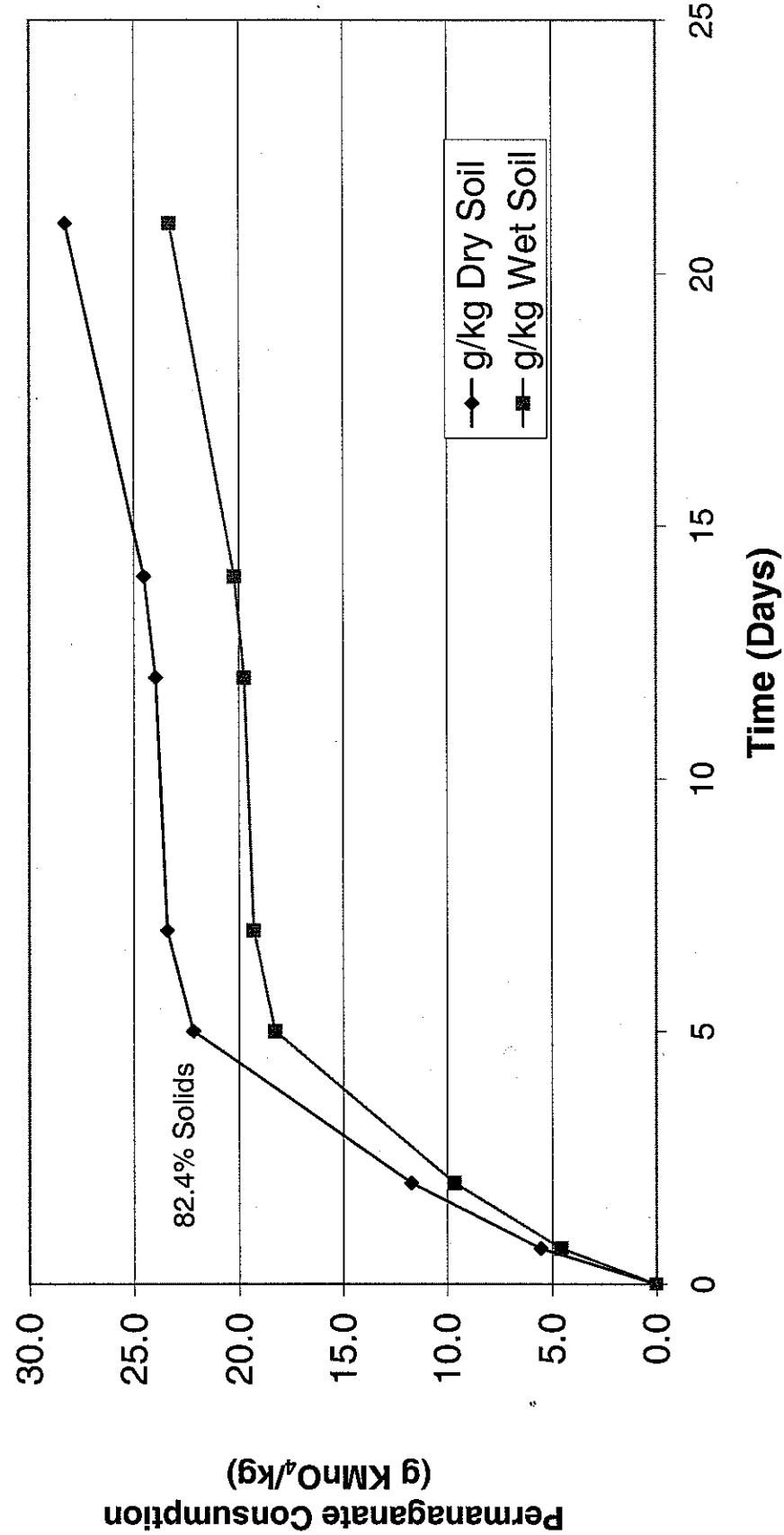
0.18

0.21

0.22



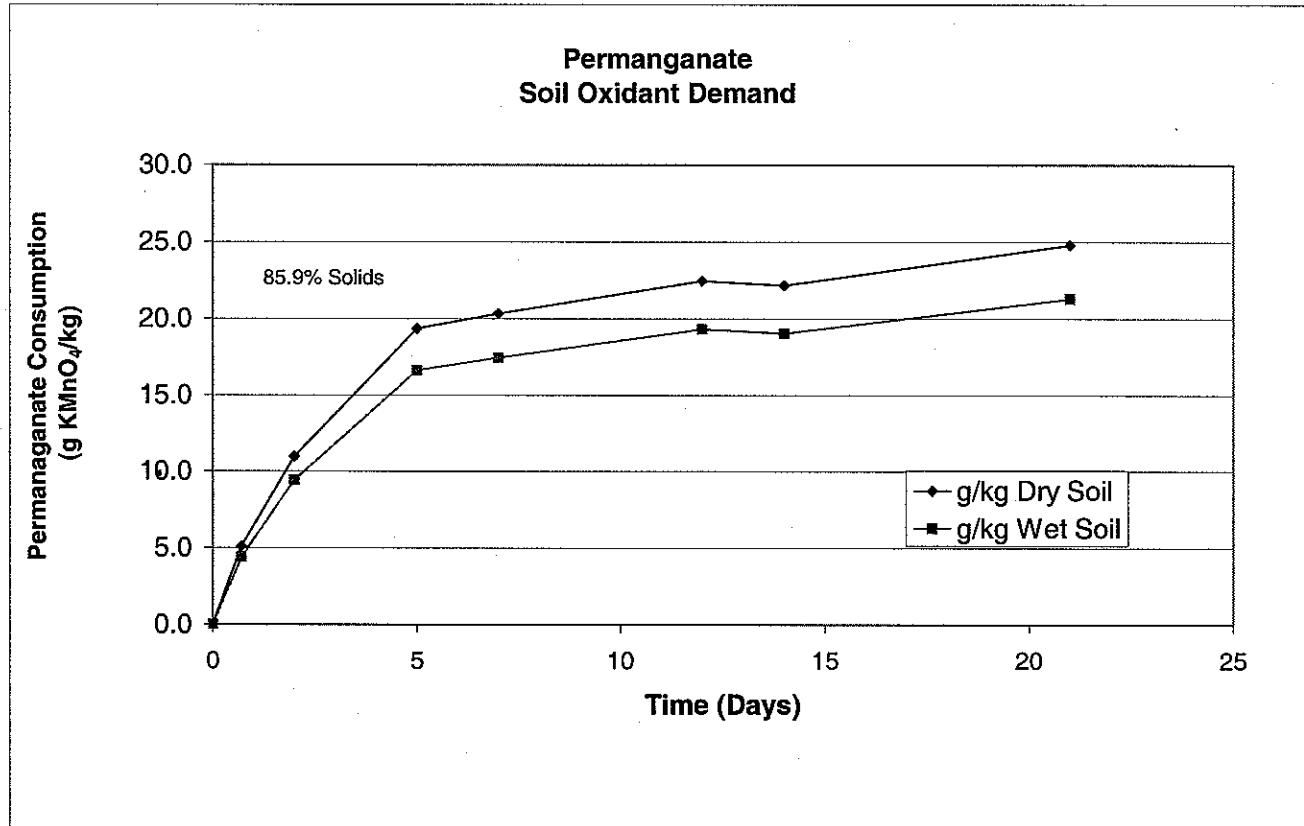
## Permanganate Soil Oxidant Demand



Project Name: Textron Gorham  
 Project Number: 101960.050000  
  
 Client Sample No. (Soil): SB-210 (43-46')  
 Description: Dk brwn organic sand  
 TAL Sample No.: 10090  
 Solids (%): 85.90%  
 Fraction -4 mm particle size : NA  
 Weight Used (g): 100  
 Test Temp (°C) RT

Date Started:  
 Analyst Initials:  
  
 Client Sample No. (Water):  
 Description:  
 TAL Sample No.:  
 Volume Used (mL):  
  
 Initial Weight KMnO<sub>4</sub> (g):  
 Initial Conc. KMnO<sub>4</sub> (mg/L):

Time (Days)	KMnO <sub>4</sub> Conc. (mg/L)	KMnO <sub>4</sub> Addition (g)	Total KMnO <sub>4</sub> Added (g)	Time (Days)	KMnO <sub>4</sub> Consumed (g/kg Dry Soil)
0	4382	0.0	0.50	0	0.00
0.708	535	0.0	0.50	0.708	5.11
2	513	0.5	1.00	2	10.96
5	2970	1.0	2.00	5	19.34
7	2230	0.0	2.00	7	20.32
12	5000	0.5	2.50	12	22.46
14	5220	0.0	2.50	14	22.17
21	3250	0.0	2.50	21	24.79



4/19/2006

EML

Site GW

GW

10093

100

0.500

5,000

KMnO<sub>4</sub> Consumed  
(g/kg Wet Soil)

0.00

4.39

9.41

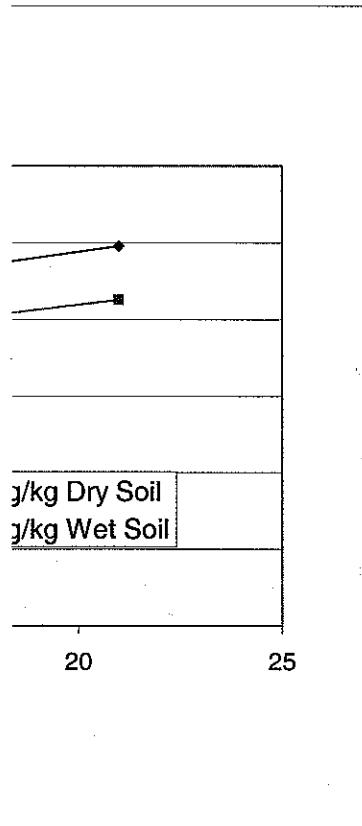
16.6

17.5

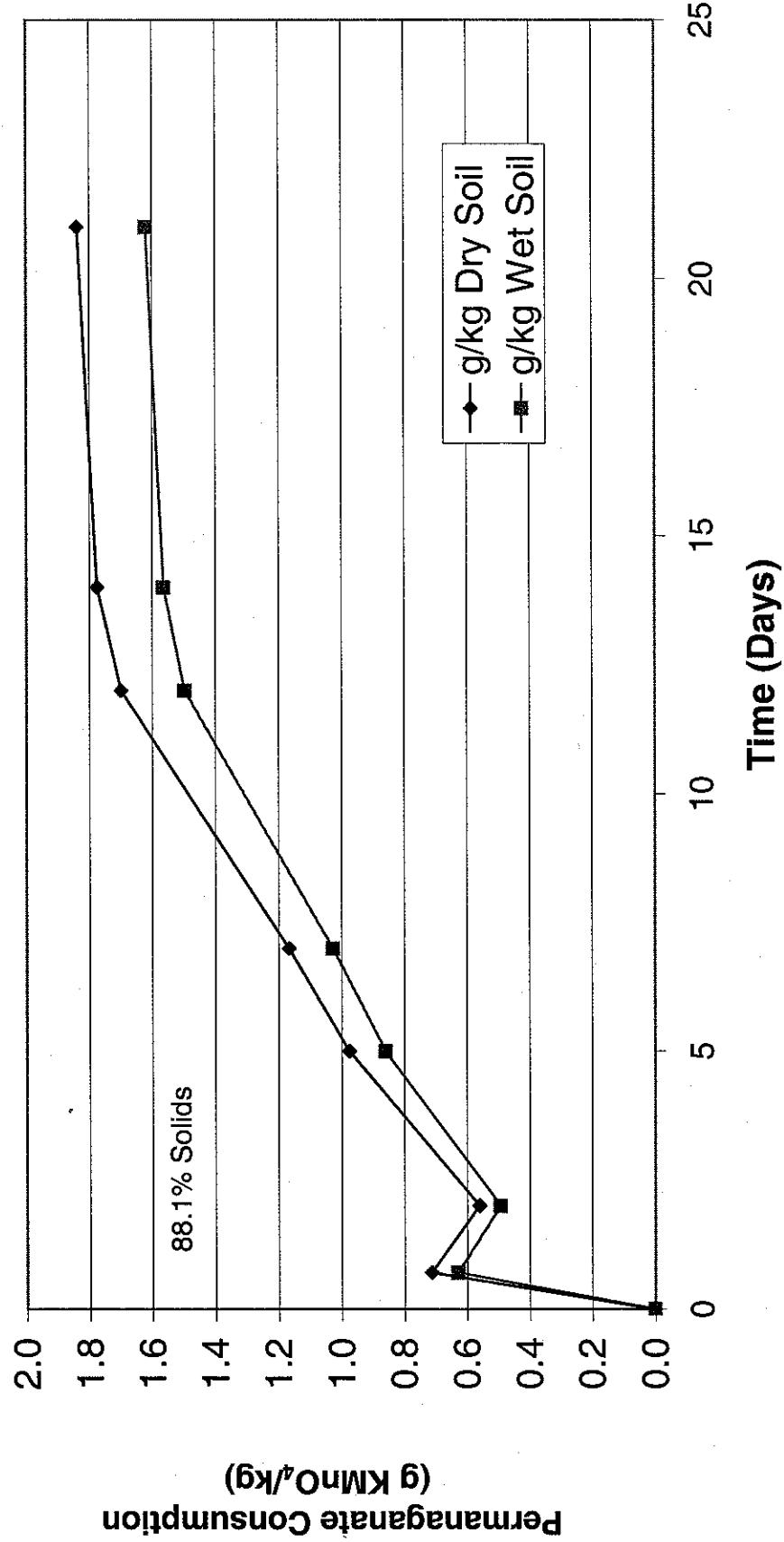
19.3

19.0

21.3



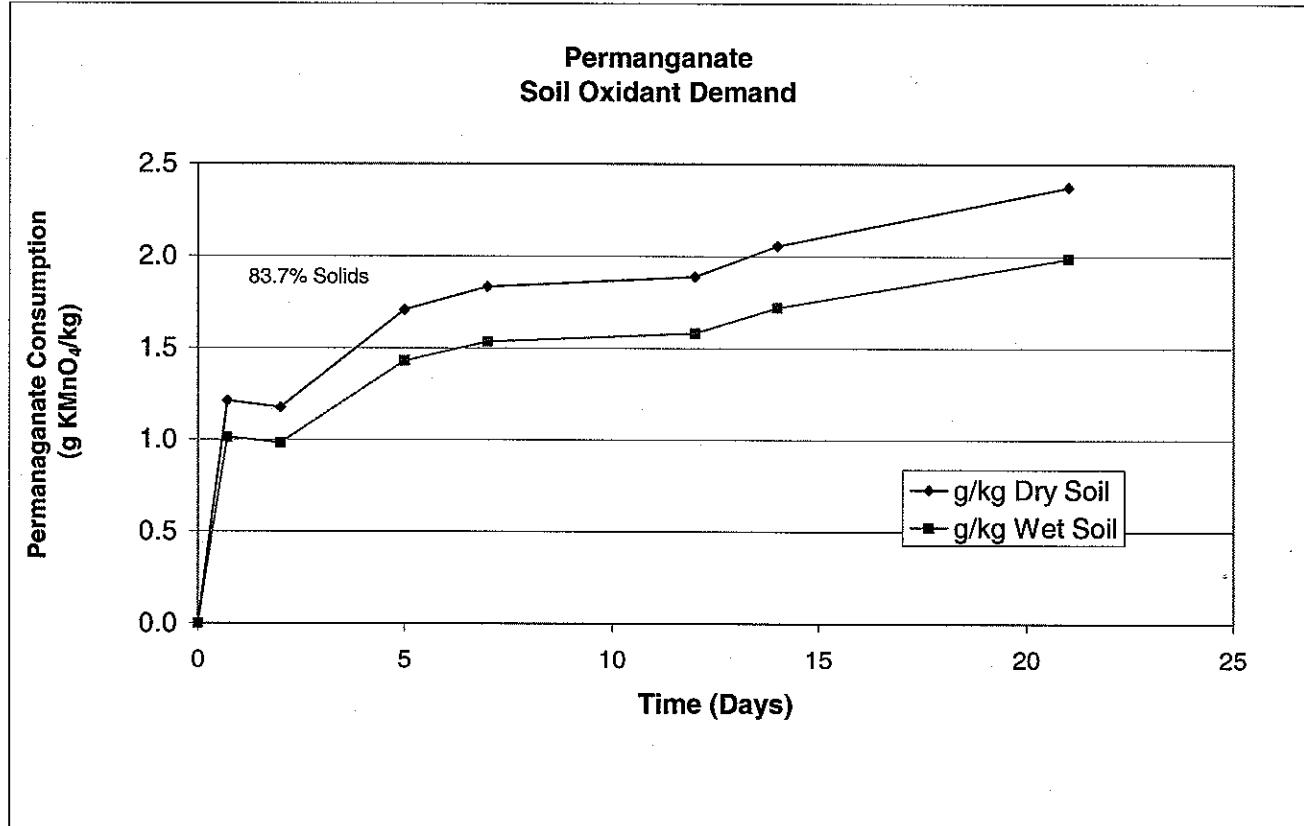
## Permanganate Soil Oxidant Demand



Project Name: Textron Gorham  
 Project Number: 101960.050000  
  
 Client Sample No. (Soil): SB-213 (38-39')  
 Description: Dark silty sand  
 TAL Sample No.: 10092  
 Solids (%): 83.70%  
 Fraction -4 mm particle size :  
 Weight Used (g): 100  
 Test Temp (°C) RT

Date Started:  
 Analyst Initials:  
  
 Client Sample No. (Water):  
 Description:  
 TAL Sample No.:  
 Volume Used (mL):  
  
 Initial Weight KMnO<sub>4</sub> (g):  
 Initial Conc. KMnO<sub>4</sub> (mg/L):

Time (Days)	KMnO <sub>4</sub> Conc. (mg/L)	KMnO <sub>4</sub> Addition (g)	Total KMnO <sub>4</sub> Added (g)	Time (Days)	KMnO <sub>4</sub> Consumed (g/kg Dry Soil)
0	4299	0.0	0.50	0	0.00
0.708	3427	0.0	0.50	0.708	1.21
2	3453	0.0	0.50	2	1.18
5	3070	0.0	0.50	5	1.71
7	2980	0.0	0.50	7	1.83
12	2940	0.0	0.50	12	1.89
14	2820	0.0	0.50	14	2.06
21	2590	0.0	0.50	21	2.37



4/19/2006

EML

Site GW

GW

10093

100

0.500

5,000

KMnO<sub>4</sub> Consumed  
(g/kg Wet Soil)

0.00

1.01

0.98

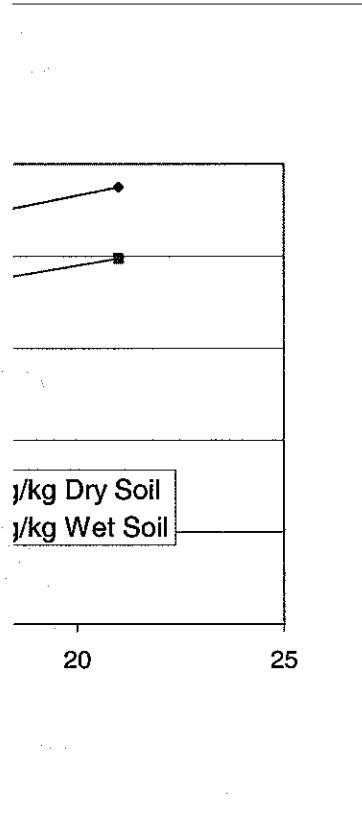
1.43

1.53

1.58

1.72

1.99



## Textron Gorham %Solids, FOC - 101960

Sample	Tare (g)	Tare + Soil (g)	103°C Dried	440°C Heated	Moisture (g)	OM (g)	%Solids	% Ash	FOM	FOC (%)
10089	95.80	215.90	194.76	194.20	21.14	0.56	82.4%	99.4%	0.005659	0.33%
10090	100.51	200.03	185.97	185.53	14.06	0.44	85.9%	99.5%	0.005149	0.30%
10091	75.44	175.64	163.68	163.03	11.96	0.65	88.1%	99.3%	0.007366	0.43%
10092	67.94	168.43	152.03	151.55	16.40	0.48	83.7%	99.4%	0.005708	0.33%

## **APPENDIX D**



Technology Applications  
312 Directors Drive  
Knoxville, TN 37923  
Phone: 865.690.3211  
FAX: 865.694.9573

## STATEMENT OF ANALYSIS

Client: Shaw Environmental, Inc.  
Textron  
Providence RI

Date: May 10, 2006

Contact: Ed VanDoren

Project No. 101960

Client Project Name / ID:	Textron
Date Received by Lab:	April 26, 2006
Number of Samples:	Two (2)
Sample Type:	Groundwater

### **1.0 Introduction**

On April 26, 2006 a total of two (2) groundwater samples arrived at Shaw Environmental, Inc. Technology Development Laboratory in Knoxville, Tennessee. The microbial communities from the groundwater samples were screened for the presence of *Dehalococcoides* species.

### **2.0 Overview of Analytical Methodology**

A Roche Real-Time LightCycler PCR instrument was used to determine the presence of and quantify *Dehalococcoides* sp. in groundwater. All cells (animals, plants, fungi, and bacteria) contain DNA that allows for their identification. The polymerase chain reaction (PCR) is a method of copying a specific sequence of DNA into a quantity that can be detected. If the sequence in *Dehalococcoides* sp. is located, the reaction creates multiple copies. During this reaction a genetic fluorescent tag specific for the region attaches to each copied strand of DNA, which is then detected by the instrument. A *Dehalococcoides* species DNA (positive control), a *Dehalococcoides*-negative bacterial species (negative control), and no template control (blank) are analyzed to verify the test results.

### **3.0 Results**

The microbial communities in the groundwater samples were screened for the presence of *Dehalococcoides* species. The results are shown in the Table 1 below.

**Table 1. *Dehalococcoides* Results**

Sample No.	Shaw Sample No.	Concentration (cells / milliliter)
MW-101D	10141	$1.0 \times 10^1$ U
MW 202D	10142	$1.0 \times 10^1$ U
Dehalococcoides – Positive Control	--	$1.0 \times 10^5$
Dehalococcoides – Positive Control	--	$1.7 \times 10^4$
Negative (no DNA template control)	--	$1.0 \times 10^1$ U
Negative (bacteria species without target)	--	$1.0 \times 10^1$ U

U: Below the method detection limit

### **4.0 Quality Control (QC)**

Standard laboratory QC was performed.

Analyst: Robert Mayer

Reviewed and Approved



Stephen Crouch  
Shaw Environmental, Inc.

