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**Shaw Environmental, Inc.**

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November 18, 2010

Ms. Kristin DuFresne  
Wisconsin Department of Natural Resources  
2984 Shawano Avenue  
Green Bay, Wisconsin 54313

**Subject:** *Groundwater and Air Sampling September, 2010*  
**Former V & L Stripping**  
**864 Mather Street**  
**Green Bay, Wisconsin**  
**BRRTS No.: 02-05-216722**  
**Shaw Environmental Project No. 108495**

Dear Ms. DuFresne:

Shaw Environmental, Inc. (Shaw) is pleased to present a summary of the air sampling and groundwater monitoring conducted by Shaw at the Former V & L Stripping property (hereafter referred to as the Site), located at 864 Mather Street, Green Bay, Wisconsin in September 2010.

**GROUNDWATER SAMPLING**

On September 28, 2010, Shaw sampled groundwater monitoring well locations MW-100, MW-200, MW-300, MW-400, MW-1000, MW-2000, MW-2100, MW-3200, PZ-1700, TW-300, TW-800, TW-900, and TW-1400 associated with the Former V&L Stripping property. Monitoring wells TW-1000 and TW-1500 were not sampled due to insufficient water within the wells for sample collection. Additionally, monitoring well MW-600, associated with the Former Randy's Mobil site located at 878 Mather Street, was located and sampled. Former Randy's Mobil Site monitoring well MW-1200 was found to be abandoned. The previously identified well box for monitoring well MW-1200 was filled with concrete. The site layout plan is presented in **Figure 1**.

Prior to the collection of groundwater sampling activities, all monitoring wells were gauged and the depth to groundwater measurements were recorded. **Table 1** presents the groundwater elevations and **Figure 2** presents the groundwater gradient map.

Groundwater samples were collected utilizing low-flow sampling techniques. Aquifer properties were observed during sampling and, when stabilized, samples were collected using dedicated tubing and laboratory-provided sampling containers. Select groundwater samples were submitted to Test America Laboratory for the analysis of the following:

- Volatile Organic Compounds (EPA 8260);
- General Chemistry Parameters of total alkalinity, dissolved nitrate/nitrite, dissolved sulfate, and dissolved manganese;
- Total Organic Carbon; and
- Methane, Ethane, and Ethene

Groundwater analytical data, field measurements, and geochemical indicator parameters are summarized on **Tables 2 and 3** respectively.

### **GROUNDWATER RESULTS**

Static groundwater levels ranged from 4.79 to 10.42 feet below ground surface. The groundwater flow is generally to the south/southeast, which is consistent with previous flow gradients measured at the Site. The average horizontal hydraulic gradient was estimated to be 0.004 foot per foot during this reporting period. A groundwater contour map, prepared from the September 28, 2010 water level measurements, is depicted on **Figure 2**.

Chlorinated volatile organic compounds (CVOCs), at concentrations above the Chapter NR 140 Enforcement Standards (ESs), were reported during the most recent sampling event in on-Site monitoring wells MW-100, MW-200, W-300, MW-400, and temporary monitoring wells TW-800, TW-900, TW-1300, and TW-1400; and in off-Site monitoring well MW-2100. PCE concentrations ranged from 130 ug/L in monitoring well MW-200 to 21,000 ug/L in temporary monitoring well TW-900. TCE concentrations ranged from 55 ug/L in temporary monitoring well TW-1300 to 7,100 ug/L in monitoring well MW-400. Additionally, cis-1,2-Dichloroethene and trans-1,2-Dichloroethene (DCE) were reported at concentrations above the ESs in nine sampling locations. Vinyl chlorine was reported at a concentration greater than the ES in the down-gradient monitoring well MW-2100. A Groundwater Quality Map, presenting detected CVOC laboratory analytical results from last five sampling events is presented on **Figure 3**. The groundwater laboratory analytical reports are provided in Attachment A

### **SUB-SLAB AND AMBIENT AIR SAMPLING AND RESULTS**

Three sub-slab vapor samples were collected over a 24-hour sampling period in 6-liter summa canisters from within the former V&L Stripping Site. One sample was collected in the northwest corner of the west bay identified as SSW, one was collected within the middle interior area identified as SSM, and one sample was collected in the southeast corner of the east bay identified as SSE. The sub-slab ports were drilled and set with concrete prior to collecting any sub-slab samples.

Ambient air samples were collected over a 24-hour sampling period in 6-liter summa canisters from three locations; the basement of 856 Mather Street (Keehan Residence), the interior middle area of the former V&L Stripping, and one outside background sampling location at the northwest corner of the former V&L Stripping. Prior to setting up the sampling, a site inspection was conducted to identify any potential sources of vapor contaminants within the sampling area. No sources were identified in either the Keehan residence basement or within the former V&L Stripping Site. The ambient air samples were set up once the sub-slab locations were set and connected to a summa canister.

The results of the sub-slab vapor sampling reported tetrachloroethene at concentrations greater than the WDNR Guidance for Sub-Slab to Indoor Air with an attenuation factor of 0.1 for all three sub-slab samples collected within the former V&L Stripping building. Trichloroethene was also reported at concentrations greater than the WDNR guidance for sub-slab samples collected from location SSM in the middle office area and from location SSW in the west bay.

The ambient air indoor sample (AAI) collected from within the former V&L Stripping building reported a benzene concentration of 5.4 ug/m<sup>3</sup> which is above the screening level. The middle area of the building has doors connecting the space to the east and west bays. The bays commonly have trucks pulling up to them to move supplies for the Salvation Army. The benzene concentration may be attributable to the vehicle use and exhaust within the bays. Sample AAI also reported a concentration of tetrachloroethene at 180 ug/m<sup>3</sup> which is above the screening level.

The former V&L Stripping building is currently utilized by the Salvation Army for storage of supplies. There are no full time people working the building, and all work that is conducted is in the car bays on the east and west of the building during sporadic events lasting less than 4 hours at a time. Additionally, when work is conducted at the site, overhead garage doors are typically opened, which increase ventilation to the building.

The outdoor ambient air sample did not report any exceedances of the screening levels.

The ambient air results for the Keehan residence reported chloroform at a concentration of 14 ug/m<sup>3</sup> which is above the WDNR screening level for commercial/residential air with a carcinogenic target risk of 10E-5. Chloroform is a commonly found in refrigerants for air conditioning units and refrigerators. No other compounds were reported at concentrations above the screening levels for the Keehan residence sample.

**Tables 4 and 5** present the results for the ambient air and sub-slab vapor monitoring results.

## **CONCLUSIONS**

Elevated levels of tetrachloroethene and trichloroethene have been reported in the sub-slab vapors underneath the Site. The ambient air samples collected within the Site also reported an elevated tetrachloroethene concentration. The former V&L Stripping building is currently utilized by the Salvation Army for storage of supplies. There are no full time people working the building, and work activities that are conducted are located in the car bays on the east and west of the building during sporadic events lasting less than 4 hours at a time. Additionally, when work is conducted at the site, overhead garage doors are typically opened, which increase ventilation to the building.

Groundwater sampling results indicate that CVOCs, at concentrations exceeding Chapter NR 140 ESs, remain on-Site, and off-Site to the west and south beneath the Lincoln and Mather Street right-of-way, respectively. The underground utilities may act as a preferential contamination migration pathway.

The groundwater analytical results do not conclusively support a significant reduction in the partitioning of CVOC constituents from soil to groundwater. The primary line of evidence for reductive dechlorination, PCE degradation to DCE's and subsequently Vinyl Chloride, is not apparent.

Shaw had a telephone conversation Mr. Tom Giese of the City of Green Bay regarding the Wisconsin Department of Transportation (WDOT) work schedule for the reconstruction of Velp Avenue and Mather Street. Construction work of the utilities is scheduled for 2011, though no firm schedule plan has been identified. Road surfacing work is scheduled to begin in 2012.

## **RECOMMENDATIONS**

Shaw recommends in-situ amendment injection be conducted at the Site to remediate the groundwater chlorinated plume. The use of an amendment to enhance the reductive dechlorination will promote a timelier breakdown of the chlorinated compounds. Current groundwater data trends have not indicated a reducing plume, though the plume does appear to be stable and not expanding off-site. Additionally, the use of amendment injection can be used prior to and in conjunction with the WDOT planned construction activities of Mather Street.

The postponement of 4<sup>th</sup> round of groundwater monitoring tentatively scheduled for December 2010 is recommended. Based on the current groundwater trends, additional groundwater data will not provide new trend information on the contaminant plume. It is recommended to postpone the last round of groundwater monitoring until after in-situ amendment injection is conducted.

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Upon WDNR concurrence of an in-situ amendment injection or alternative strategy, Shaw will prepare a scope of work and associated cost estimate for client and WDNR approval. Please contact Heidi Woelfel at 414.291.2372 at your earliest convenience to discuss the project.

Sincerely,  
**SHAW ENVIRONMENTAL, INC.**



Heidi A. Woelfel, PG  
Program Manager

Enclosures:

Tables

- Table 1 – Groundwater Elevation Data
- Table 2 – Groundwater VOC Results
- Table 3 – SVE VOC Results
- Table 4 – SVE System Vacuum Measurements

Figures

- Figure 1 – Site Plan View Map
- Figure 2 – Groundwater Contour Map (5/12/09)

Attachments

- Attachment A – Groundwater Analytical Reports
- Attachment B – Air Emission Analytical Reports

cc: Mr. Ken Juza

HAW

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## **TABLES**

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TABLE 1

**Groundwater Elevation Data  
Former V & L Stripping  
Green Bay, Wisconsin**

<b>Well</b>	<b>Top-of-Casing Elevation</b>	<b>Date</b>	<b>Top-of-Casing to Water (feet)</b>	<b>Groundwater Elevation</b>
MW-100	594.72	8/16/2007	8.20	586.52
		4/10/2008	6.39	588.33
		5/12/2009	7.05	587.67
		6/8/2010	7.56	587.16
		9/28/2010	7.01	587.71
MW-200	595.09	8/16/2007	DRY	DRY
		4/10/2008	6.69	588.40
		5/12/2009	7.37	587.72
		6/8/2010	7.92	587.17
		9/28/2010	7.43	587.66
MW-300	594.70	8/16/2007	8.28	586.42
		4/10/2008	6.67	588.03
		5/12/2009	7.12	587.58
		6/8/2010	7.57	587.13
		9/28/2010	7.14	587.56
MW-400	594.22	8/16/2007	7.75	586.47
		4/10/2008	6.46	587.76
		5/12/2009	6.87	587.35
		6/8/2010	7.19	587.03
		9/28/2010	6.81	587.41
MW-600	594.33	6/8/2010	NM	NS
		9/28/2010	7.42	586.91
MW-1000	595.11	6/9/2010	8.41	586.70
		9/28/2010	8.09	587.02
MW-2000	593.54	8/16/2007	7.36	586.18
		4/10/2008	6.23	587.31
		5/12/2009	6.51	587.03
		6/8/2010	6.64	586.90
		9/28/2010	6.46	587.08
MW-2100	594.31	8/16/2007	8.09	586.22
		4/10/2008	6.80	587.51
		5/12/2009	7.25	587.06
		6/8/2010	7.57	586.74
		9/28/2010	7.39	586.92
MW-3200	592.70	8/16/2007	6.20	586.50
		4/10/2008	3.46	589.24
		5/12/2009	4.73	587.97
		6/8/2010	5.39	587.31
		9/28/2010	4.79	587.91
PZ-1700	594.32	8/16/2007	8.74	585.58
		4/10/2008	6.81	587.51
		5/12/2009	7.13	587.19
		6/8/2010	7.41	586.91
		9/28/2010	10.42	583.90

**Notes:**

Top of Casing elevations taken from Northern Environmental Technologies, Inc. Site Investigation Report, September 2003.

**TABLE 2**  
**Groundwater VOC Results**  
**Former V & L Stripping**  
**Green Bay, Wisconsin**

Well	Sample Date	Benzene	Ethyl-benzene	Naphthalene	MTBE	Toluene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Tetrachloro-ethene	Trichloro-ethene	1,2,4-TMB	1,3,5-TMB	Total Xylenes
MW-100	8/31/1998	<32	NDA	NDA	NDA	<35	200	<38	<15	10,000	3,800	NDA	NDA	NDA
	3/23/2000	<10	NDA	NDA	NDA	<10	230	<25	<25	10,000	2,300	NDA	NDA	NDA
	5/21/2001	<38	NDA	NDA	NDA	<26	400	<70	<38	26,000	8,200	NDA	NDA	NDA
	12/4/2002	<77.5	<125	<200	<75	<75	285	<97.5	<50	4,930	1,050	<100	<77.5	<230
	8/16/2007	<16	<22	<30	<24	<27	3,300	800	<7.2	1,300	5,800	<39	<33	<105
	4/10/2008	<20.5	<27	<37	<30.5	<33.5	1,530	403	<9.0	5,410	3,640	<48.5	<41.5	<131.5
	5/12/2009	<16.4	<21.6	<35.6	<24.4	<26.8	2,200	574	<7.2	3,170	3,200	<38.8	<33.2	<72
	6/8/2010	<32	<80	75	<80	<80	8,200	1,900	<32	440	3,200	<32	<32	<80
	9/28/2010	<20	<50	<25	<50	<50	1,400	490	<20	5,900	1,900	<20	<20	<50
MW-200	8/31/1998	1.4	NDA	NDA	NDA	<0.35	310	93	<0.15	140	520	NDA	NDA	NDA
	3/23/2000	<1.0	NDA	NDA	NDA	<1.0	270	330	<2.5	8.9	170	NDA	NDA	NDA
	5/21/2001	<1.4	NDA	NDA	NDA	<0.65	210	450	1.3 J	200	210	NDA	NDA	NDA
	12/4/2002	<31	<50	<80	<30	<30	188	171	<20	233	89.1	<40	<31	<92
	8/16/2007								DRY					
	4/10/2008	<16.4	<21.6	<29.6	<24.4	<26.8	78.7	116	<7.2	4,100	1,660	<38.8	<33.2	<105.2
	5/12/2009	<10.2	<13.5	<22.2	<15.2	<16.8	35.4	41.3	<4.5	2,370	590	<24.2	<20.8	<45
	6/8/2010	<8	<20	<10	<20	<20	420	590	<8	350	1,900	<8	<8	<20
	9/28/2010	<5	<13	<6.3	<13	<13	330	360	<5	130	1500	<5	<5	<13
MW-300	8/31/1998	<0.32	NDA	NDA	NDA	<0.35	50	75	<0.15	2.4	2.4	NDA	NDA	NDA
	3/23/2000	<0.10	NDA	NDA	NDA	<0.10	18	18	<0.25	5.2	12	NDA	NDA	NDA
	5/21/2001	0.92	NDA	NDA	NDA	0.34	36	39	0.61	<0.85	2	NDA	NDA	NDA
	12/4/2002	<0.31	<0.5	<0.8	<0.3	<0.30	24.4	7.13	<0.2	2.85	3.61	<0.4	<0.31	<0.92
	8/16/2007	<4.1	<5.4	<7.4	<6.1	<6.7	360	670	<1.8	1,200	1,000	<9.7	<8.3	<26.3
	4/10/2008	<20.5	<27	<37	<30.5	<33.5	266	492	<9.0	5,350	1,200	<48.5	<41.5	<131.5
	5/12/2009	<10.2	<13.5	<22.2	<15.2	<16.8	520	1,100	<4.5	1,750	1,190	<24.2	<20.8	<45
	6/8/2010	<10	<25	<13	<25	<25	630	930	<10	2,200	3,400	<10	<10	<25
	9/28/2010	<10	<25	<13	<25	<25	620	790	<10	2,000	3,700	<10	<10	<25
MW-400	8/31/1998	<0.32	NDA	NDA	NDA	<0.35	120	280	<0.15	34	77	NDA	NDA	NDA
	3/23/2000	<0.40	NDA	NDA	NDA	<0.40	81	170	<1.0	21	55	NDA	NDA	NDA
	5/21/2001	<1.4	NDA	NDA	NDA	<0.65	190	400	1.4 J	120	120	NDA	NDA	NDA
	12/4/2002	<31	<50	<80	<30	<30	214	258	<20	526	140	<40	<31	<92
	8/16/2007	<10	<14	<18	<15	<17	1,400	1,200	<4.5	3,500	5,100	<24	<21	<66
	4/10/2008	<20.5	<27	<37	<30.5	<33.5	1,920	1,280	<9.0	1,830	8,910	<48.5	<41.5	<131.5
	5/12/2009	<41	<54	<89	<61	<67	3,010	1,970	<18	82.8	8,660	<97	<83	<180
	6/8/2010	<32	<80	<40	<80	<80	2,400	1,400	<32	6,000	8,600	<32	<32	<80
	9/28/2010	<20	<50	<25	<50	<50	2,300	1,400	<20	6,500	7,100	<20	<20	<50
MW-600	9/28/2010	39	<2	<1	250	<2	<2	<2	<0.8	<2	<0.8	<0.8	<0.8	<2
MW-1000	4/29/1997	<0.21	NDA	NDA	NDA	<1.5	<0.32	<0.11	<0.045	0.63	0.47	NDA	NDA	NDA
	3/23/2000	<0.10	NDA	NDA	NDA	<0.10	3.2	<0.25	<0.25	2.7	16	NDA	NDA	NDA
	5/21/2002	<0.29	NDA	NDA	NDA	0.3 J	0.5 J	<0.35	<0.19	<0.85	1.8	NDA	NDA	NDA
	12/4/2002	<0.31	<0.5	<0.8	<0.3	<0.3	0.245 J	<0.39	<0.2	0.515 J	0.685 J	<0.4	<0.31	<0.92
	6/9/2010	<0.2	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.2	<0.50	0.45 Ja	<0.2	<0.2	<0.50
	9/28/2010	<0.2	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.2	<0.50	<0.2	<0.2	<0.2	<0.50
MW-2000	12/4/2002	<0.31	<0.5	<0.8	<0.3	<0.3	<0.23	<0.39	<0.2	<0.32	<0.36	<0.4	<0.31	<0.92
	4/1/2003	<0.31	<0.5	<0.8	<0.3	<0.3	<0.23	<0.39	<0.2	<0.32	<0.36	<0.4	<0.31	<0.92
	8/16/2007	<0.41	<0.54	<0.74	<0.61	<0.67	<0.83	<0.89	<0.18	<0.45	<0.48	<0.97	<0.83	<2.63
	4/10/2008	<0.41	<0.54	<0.74	<0.61	<0.67	<0.83	<0.89	<0.18	<0.45	<0.48	<0.97	<0.83	<2.63
	5/12/2009	<0.41	<0.54	<0.89	<0.61	<0.67	<0.83	<0.89	<0.18	<0.45	<0.48	<0.97	<0.83	<1.8
	6/9/2010	<0.20	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.20	<0.20	<0.50
MW-2100</														

Well	Sample Date	Benzene	Ethyl-benzene	Naphthalene	MTBE	Toluene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Tetrachloro-ethene	Trichloro-ethene	1,2,4-TMB	1,3,5-TMB	Total Xylenes
TW-1300	10/10/2002	<0.31	<0.5	<0.8	<0.3	0.683 J	<b>1,130</b>	<b>745</b>	<b>3.04</b>	<b>825</b>	<b>6,030</b>	<0.4	<0.31	<0.92
	4/1/2003	<155	<250	<400	<150	<150	<b>696</b>	<b>299</b>	<100	<b>763</b>	<b>2,540</b>	<200	<155	<460
	6/8/2010	<3.2	<8.0	<4.0	<8.0	<8.0	<b>890</b>	<b>590</b>	<3.2	<b>130</b>	<b>71</b>	<3.2	<3.2	<8.0
	9/28/2010	<2	<5	<2.5	<5	<5	<b>1,000</b>	<b>820</b>	<2	<b>170</b>	<b>55</b>	<2	<2	<5
TW-1400	10/10/2002	<0.31	<0.5	<0.8	<0.3	<0.3	<b>222</b>	<b>644</b>	<b>0.789</b>	<b>1,990</b>	<b>1,200</b>	<0.4	<0.31	<0.92
	4/1/2003	<155	<250	<400	<150	<150	<115	<b>347</b>	<100	<b>2,960</b>	<b>1,820</b>	<200	<155	<460
	6/9/2010	<6.4	<16	<8.0	<16	<16	<b>120</b>	<b>300</b>	<6.4	<b>1,700</b>	<b>76</b>	<6.4	<6.4	<16
	9/28/2010	<0.8	<2	<1	<2	<2	<b>74</b>	<b>190</b>	<0.8	<b>260</b>	<b>120</b>	<0.8	<0.8	<2
TW-1500	10/10/2002	<0.31	<0.5	<0.8	<0.3	<0.3	<b>16.6</b>	2.92	<0.2	0.339 J	<b>0.664 J</b>	<0.4	<0.31	<0.92
	4/1/2003	<0.31	<0.5	<0.8	<0.3	<0.3	<b>9.23</b>	1.49	<0.2	0.351 J	<0.36	<0.4	<0.31	<0.92
TW-3100	4/1/2003	<0.31	<0.5	<0.8	<0.3	<0.3	<0.23	<0.39	<0.2	<0.32	<0.36	<0.4	<0.31	<0.92
TW-3500	6/19/2003	<0.31	<0.5	<0.8	<0.3	<0.3	<0.23	<0.39	<0.2	0.431 J	<0.36	<0.4	<0.31	<0.92
NR 140 ES		<b>5</b>	<b>700</b>	<b>40</b>	<b>60</b>	<b>1,000</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>5</b>	<b>5</b>	<b>480*</b>	<b>10,000</b>	
NR 140 PAL		<b>0.5</b>	<b>140</b>	<b>8</b>	<b>12</b>	<b>200</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>0.5</b>	<b>0.5</b>	<b>96*</b>	<b>1,000</b>	

Notes: All results are reported in ug/L, unless otherwise noted

**Bold** indicates value equals or exceeds the NR 140 Enforcement Standards.

*Italics* indicates value equals or exceeds the NR 140 Preventive Action Limit.

NA: Not Analyzed

MTBE: Methyl-tert-butyl-ether

ES: Enforcement Standard

TMB: Trimethylbenzene

PAL: Preventive Action Limit

NDA: No Data Available - laboratory reports not in SIR prepared by Northern Environmental

Q: The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to uncertainty of analyte concentrations within this range.

J: Analyte detected at a level less than Reporting Limit (RL) and greater than or equal to the Method of Detection Limit (MDL). Concentrations within this range are estimated.

Ja: Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less than results at or above the LOQ

**Table 3**  
**Summary of Field Measurements and**  
**Geochemical Indicator Results**  
**Former V & L Stripping**  
**Green Bay, Wisconsin**

Well Number Measurement Date	Unit	MW-100		MW-200		MW-300		MW-400		MW-600		MW-1000	
		6/8/2010	9/28/2010	6/8/2010	9/28/2010	6/8/2010	9/28/2010	6/8/2010	9/28/2010	#####	6/9/2010	9/28/2010	
Temperature	deg. Cel.	15.44	20.83	13.85	14.87	14.52	16.84	14.9	17.53	12.57	12.57	17.78	
pH		7.10	7.01	6.99	6.84	7.00	6.75	7.08	6.8	7.19	7.19	7.11	
Dissolved Oxygen	mg/l	0.30	0.43	0.59	0.45	0.25	0.71	0.23	0.75	0.73	0.73	1.95	
Specific Conductivity	µS/cm	848	891	977	788	1005	991	1066	1028	1139	1139	1827	
ORP	mV	-47	-10.4	-285	-264	-171	-130	-107	-61	61	61	90.9	
Dissolved Manganese	mg/l	0.34	0.32	0.19	0.16	0.39	0.48	0.26	0.23	NA	0.063	0.037J	
Total Alkalinity (CaCO <sub>3</sub> )	mg/l	370	280	430	310	450	360	450	320	NA	290	190	
Dissolved Nitrate/Nitrite	mg/l	2.2	0.36	< 0.024	< 0.024	< 0.024	< 0.024	1.1	1.1	NA	10	22	
Dissolved Sulfate	mg/l	47	42	56	29	51	62	47	46	NA	130	180	
Total Organic Carbon	mg/l	6.00	6.23	20.8	12.3	17.7	20.4	10.8	9.65	NA	6.34	5.04	
Dissolved Ethane	µg/l	< 14	< 14	< 14	< 14	< 14	< 14	< 14	< 14	NA	< 14	< 14	
Dissolved Ethene	µg/l	< 11	< 11	< 11	< 11	< 11	< 11	< 11	< 11	NA	< 11	< 11	
Dissolved Methane	µg/l	3150	471	40	41.3	733	632	1200	2540	NA	17	< 15	

## NOTES

deg Cel = degrees Celsius

mg/l = milligrams per liter

µg/l = micrograms per liter

µS/cm = micro ohm meters per centimeter

mV = milli-volts

ORP = oxidation-reduction potential

NA = Not Analyzed

IV = Inufficient/Volume of water unable to sample

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less than results at or above the LOQ.

J = Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentrations within this range are estimated.

Temporary Wells TW-600, TW-900, TW-1100, TW-1300, TW-1400, and TW-1500 had insufficient water and no physical parameter reading could be collected during the sampling events of 6-8-2110.

**Table 3**  
**Summary of Field Measurements and**  
**Geochemical Indicator Results**  
**Former V & L Stripping**  
**Green Bay, Wisconsin**

Well Number Measurement Date	Unit	MW-2000		MW-2100		MW-3200		PZ-1700	
		6/9/2010	9/28/2010	6/9/2010	9/28/2010	6/9/2010	9/28/2010	6/8/2010	9/28/2010
Temperature	deg. Cel.	12.27	17.15	11.51	17.06	10.00	11.87	13.19	11.32
pH		7.39	7.25	7.36	7.23	7.21	6.84	7.79	7.61
Dissolved Oxygen	mg/l	0.56	2.17	0.36	0.43	0.30	0.43	0.26	0.27
Specific Conductivity	µS/cm	863	784	2267	2292	1589	1752	474	405
ORP	mV	29	58.7	61	87	-102	-165	-140	-167
Dissolved Manganese	mg/l	0.021	Ja	NA	0.097	0.19	0.17	0.17	0.02
Total Alkalinity (CaCO <sub>3</sub> )	mg/l	410	NA	310	240	530	420	220	180
Dissolved Nitrate/Nitrite	mg/l	0.74	NA	0.34	<0.024	< 0.024	0.043 J	0.051	<0.024
Dissolved Sulfate	mg/l	62	NA	100	96	160	140	8.9	8.2
Total Organic Carbon	mg/l	6.51	NA	2.51	2.42	9.48	8.46	6.26	5.51
Dissolved Ethane	µg/l	< 14	NA	< 14	< 14	< 14	< 14	< 14	< 14
Dissolved Ethene	µg/l	< 11	NA	< 11	< 11	< 11	< 11	< 11	< 11
Dissolved Methane	µg/l	< 15	NA	131	109	20 J	<15	7710	7270

## NOTES

deg Cel = degrees Celsius

mg/l = milligrams per liter

µg/l = micrograms per liter

µS/cm = micro ohms per centimeter

mV = milli-volts

ORP = oxidation-reduction potential

NA = Not Analyzed

IV = Insufficient Volume of water unable to sample

Ja = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less than results at or above the LOQ  
J = Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentrations within this range are estimated.

Temporary Wells TW-800, TW-900, TW-1100, TW-1300, TW-1400, and TW-1500 had insufficient water and no physical parameter reading could be collected during the sampling events of 6-8-2110.

Table 4  
Summary of Sub-Slab Vapor Results  
V&L Stripping  
864 Mather Street  
Green Bay, Wisconsin

Page 1 of 1

Sample Location Sample Date	Units	<sup>1</sup> EPA Region 3 RSL Commercial/Residential (Target Risk = 1E-06)	<sup>2</sup> WDNR Guidance RSL Commercial/Residential (Target Risk = 1E-05)	WDNR Guidance Subslab to Indoor (AF = 0.1)	Sub Slab Middle (SSM) - Center of Main Floor of 864 Mather Street (V&L Stripping)	Sub Slab West (SSW) - West Area of Main Floor of 864 Mather Street (V&L Stripping)	Sub Slab East (SSE) - East Area of Main Floor of 864 Mather Street (V&L Stripping)
					9/28/2010	9/28/2010	9/28/2010
		Exposure/Sample Duration			24-hr	24-hr	24-hr
Benzene	µg/m³	0.31	3.1	31	<1100	<69	<59
Bromoform	µg/m³	0.05	0.5	5	<3700	<220	<190
Bromomethane	µg/m³	5.2	52	520	<1400	<84	<72
Carbon Tetrachloride	µg/m³	0.41	4.1	41	<2300	<140	<120
Chlorobenzene	µg/m³	52	520	5200	<1600	<99	<86
Chloroethane	µg/m³	NES			<940	<57	<49
Chloroform	µg/m³	0.11	1.1	11	<1700	<110	<91
Chloromethane	µg/m³	94	940	9400	<1800	<110	<96
1,2-Dibromoethane	µg/m³	0.0041	0.041	0.41	<2800	<170	<140
1,2-Dichlorobenzene	µg/m³	210	2100	21000	<2200	<130	<110
1,3-Dichlorobenzene	µg/m³	NES			<2200	<130	<110
1,4-Dichlorobenzene	µg/m³	0.22	2.2	22	<2200	<130	<110
Dichlorodifluoromethane	µg/m³	210	2100	21000	<1800	<110	<92
1,1-Dichloroethane	µg/m³	1.5	15	150	<1400	<87	<75
1,2-Dichloroethane	µg/m³	0.094	0.94	9.4	<1400	<87	<75
1,1-Dichloroethene	µg/m³	210	2100	21000	<1400	<85	<74
cis-1,2-Dichloroethene (DCE)	µg/m³	NES			<1400	<85	<74
1,2-Dichloropropane	µg/m³	0.24	2.4	24	<1700	<100	<86
cis-1,3-Dichloropropene	µg/m³	NES			<1600	<98	<84
trans-1,3-Dichloropropene	µg/m³	NES			<1600	<98	<84
Dichlortetrafluoroethane	µg/m³	NES			<2500	<150	<130
Ethylbenzene	µg/m³	0.97	9.7	97	<1600	<94	<81
Hexachlorobutadiene	µg/m³	0.11	1.1	11	<19000	<1100	<990
Methylene Chloride	µg/m³	5.2	52	520	<3100	<190	<160
Styrene	µg/m³	1000	10000	100000	<1500	<92	<79
1,1,2,2-Tetrachloroethane	µg/m³	0.042	0.42	4.2	<2500	<150	<130
Tetrachloroethene (PCE)	µg/m³	0.41	4.1	41	180	6000	450000
Toluene	µg/m³	5200	52000	520000	<1300	<81	<70
1,2,4-Trichlorobenzene	µg/m³	2.1	21	210	<13000	<800	<690
1,1,1-Trichloroethane	µg/m³	5200	52000	520000	<2000	<120	<100
1,1,2-Trichloroethane	µg/m³	0.15	1.5	15	<2000	<120	<100
Trichloroethene (TCE)	µg/m³	1.2	12	8.8	120	293	4200
Trichlorofluormethane	µg/m³	730	7300	73000	<2000	<120	<100
1,1,2-Trichlorotrifluoroethane	µg/m³	NES			<2700	<170	<140
1,2,4-Trimethylbenzene	µg/m³	7.3	73	730	<1800	<110	<91
1,3,5-Trimethylbenzene	µg/m³	NES			<1800	<110	<91
Vinyl Chloride	µg/m³	0.16	1.6	16	<920	<55	<48
Xylene, o	ug/m³	730	7300	73000	<1600	<94	<81
Xylenes, m + p	ug/m³	730	7300	73000	<1600	<94	<81

NOTES:

1 USEPA Region 3 - *Regional Screening Level (RSL) Table Residential Air May 2010*. Carcinogenic Target Risk (TR) = 1E-06.

2 WDNR "Draft Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin" guidance June 2010. Carcinogenic Target Risk (TR) = 1E-05.

AF attenuation factor

NES no established standard

Green/*Italic* = Exceeds the WDNR Guidance Standard for Subslab to Indoor with an attenuation factor (AF) of 0.1

Blue = Exceeds the WDNR Guidance Standard for Soil Gas to Indoor with an attenuation factor (AF) of 0.01

Red/Bold = Exceeds the WDNR Guidance - Residential/Commercial (indoor air)

Table 5  
Summary of Air Monitoring Results  
V&L Stripping  
864 Mather Street  
Green Bay, Wisconsin

Page 1 of 1

Sample Location	Sample Date	Units	<sup>1</sup> EPA Region 3 RSL Commercial/Residential (Target Risk = 1E-06)	<sup>2</sup> WDNR Guidance RSL Commercial/Residential (Target Risk = 1E-05)	WDNR Guidance Subslab to Indoor (AF = 0.1)	856 Mather Street (Residence) West Wall of Basement (Residence) West	Ambient Air Indoor (AAI) - Center of Main Floor of 864 Mather Street (V&L Stripping) (AAI) - Center of Main	Ambient Air Outdoor (AAO) - Northwest Outer Corner of 864 Mather Street (V&L Stripping) Outdoor (AAO) -
							9/28/2010	9/28/2010
			Exposure/Sample Duration				24-hr	24-hr
Benzene	µg/m³	0.31		3.1	31/3.6	0.96	5.4	0.67
Bromoform	µg/m³	0.05		0.5	5	<2.1	<2.1	<2.1
Bromomethane	µg/m³	5.2		52	520	<0.78	<0.78	<0.78
Carbon Tetrachloride	µg/m³	0.41		4.1	41	<1.3	<1.3	<1.3
Chlorobenzene	µg/m³	52		520	5200	<0.92	<0.92	<0.92
Chloroethane	µg/m³	NES				<0.53	<0.53	<0.53
Chloroform	µg/m³	0.11		11/1.2	11/40	14	<0.98	<0.98
Chloromethane	µg/m³	94		940	9400	1.9	1.3	<1.0
1,2-Dibromoethane	µg/m³	0.0041		0.041	0.41	<1.5	<1.5	<1.5
1,2-Dichlorobenzene	µg/m³	210		2100	21000	<1.2	<1.2	<1.2
1,3-Dichlorobenzene	µg/m³	NES				<1.2	<1.2	<1.2
1,4-Dichlorobenzene	µg/m³	0.22		2.2	22	<1.2	<1.2	<1.2
Dichlorodifluoromethane	µg/m³	210		2100	21000	2.6	2.3	2.3
1,1-Dichloroethane	µg/m³	1.5		15	150	<0.81	<0.81	<0.81
1,2-Dichloroethane	µg/m³	0.094		0.94	9.4	<0.81	<0.81	<0.81
1,1-Dichloroethene	µg/m³	210		2100	21000	<0.79	<0.79	<0.79
cis-1,2-Dichloroethylene (DCE)	µg/m³	NES				<0.79	<0.79	<0.79
1,2-Dichloropropane	µg/m³	0.24		2.4	24	<0.92	<0.92	<0.92
cis-1,3-Dichloropropene	µg/m³	NES				<0.91	<0.91	<0.91
trans-1,3-Dichloropropene	µg/m³	NES				<0.91	<0.91	<0.91
Dichlorotetrafluoroethane	µg/m³	NES				<1.4	<1.4	<1.4
Ethylbenzene	µg/m³	0.97		9.7	97	2.8	2.4	<0.87
Hexachlorobutadiene	µg/m³	0.11		1.1	11	<11	<11	<11
Methylene Chloride	µg/m³	5.2		52	520	13	<1.7	<1.7
Styrene	µg/m³	1000		10000	100000	<0.85	<0.85	<0.85
1,1,2,2-Tetrachloroethane	µg/m³	0.042		0.42	4.2	<1.4	<1.4	<1.4
Tetrachloroethylene (PCE)	µg/m³	0.41		41/42	41/400	<1.4	180	<1.4
Toluene	µg/m³	5200		52000	520000	46	26	5
1,2,4-Trichlorobenzene	µg/m³	2.1		21	210	<7.4	5.7	<7.4
1,1,1-Trichloroethane	µg/m³	5200		52000	520000	<1.1	<1.1	<1.1
1,1,2-Trichloroethane	µg/m³	0.15		1.5	15	<1.1	<1.1	<1.1
Trichloroethylene (TCE)	µg/m³	1.2		12/2.1	120/700	<1.1	2.4	<1.1
Trichlorofluoromethane	µg/m³	730		7300	73000	2	1.5	1.4
1,1,2-Trichlorotrifluoroethane	µg/m³	NES				<1.5	<1.5	<1.5
1,2,4-Trimethylbenzene	µg/m³	7.3		73	730	2	<7.4	<0.98
1,3,5-Trimethylbenzene	µg/m³	NES				<0.98	1.5	<0.98
Vinyl Chloride	µg/m³	0.16		1.6	16	<0.51	<0.51	<0.51
Xylene, o	ug/m³	730		7300	73000	2.2	3.1	<0.87
Xylenes, m + p	ug/m³	730		7300	73000	9.3	9.2	<0.87

NOTES:

1 USEPA Region 3 - *Regional Screening Level (RSL) Table Residential Air May 2010*. Carcinogenic Target Risk (TR) = 1E-06.

2 WDNR "Draft Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin" guidance June 2010. Carcinogenic Target Risk (TR) = 1E-05.

AF attenuation factor

NES no established standard

Green/*Italic* = Exceeds the WDNR Guidance Standard for Subslab to Indoor with an attenuation factor (AF) of 0.1

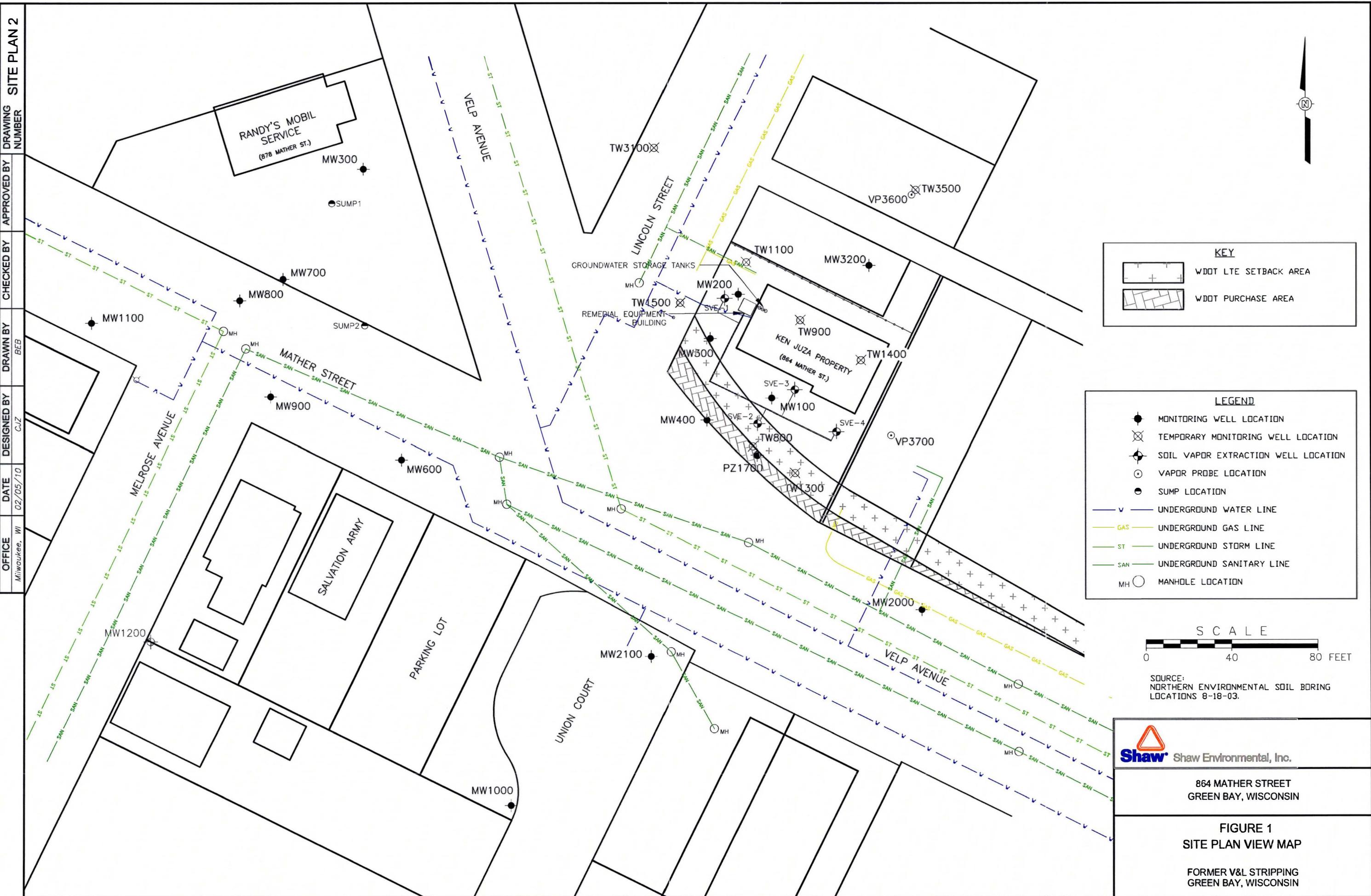
Blue = Exceeds the WDNR Guidance Standard for Soil Gas to Indoor with an attenuation factor (AF) of 0.01

Red/**Bold** = Exceeds the WDNR Guidance - Residential/Commercial (indoor air)

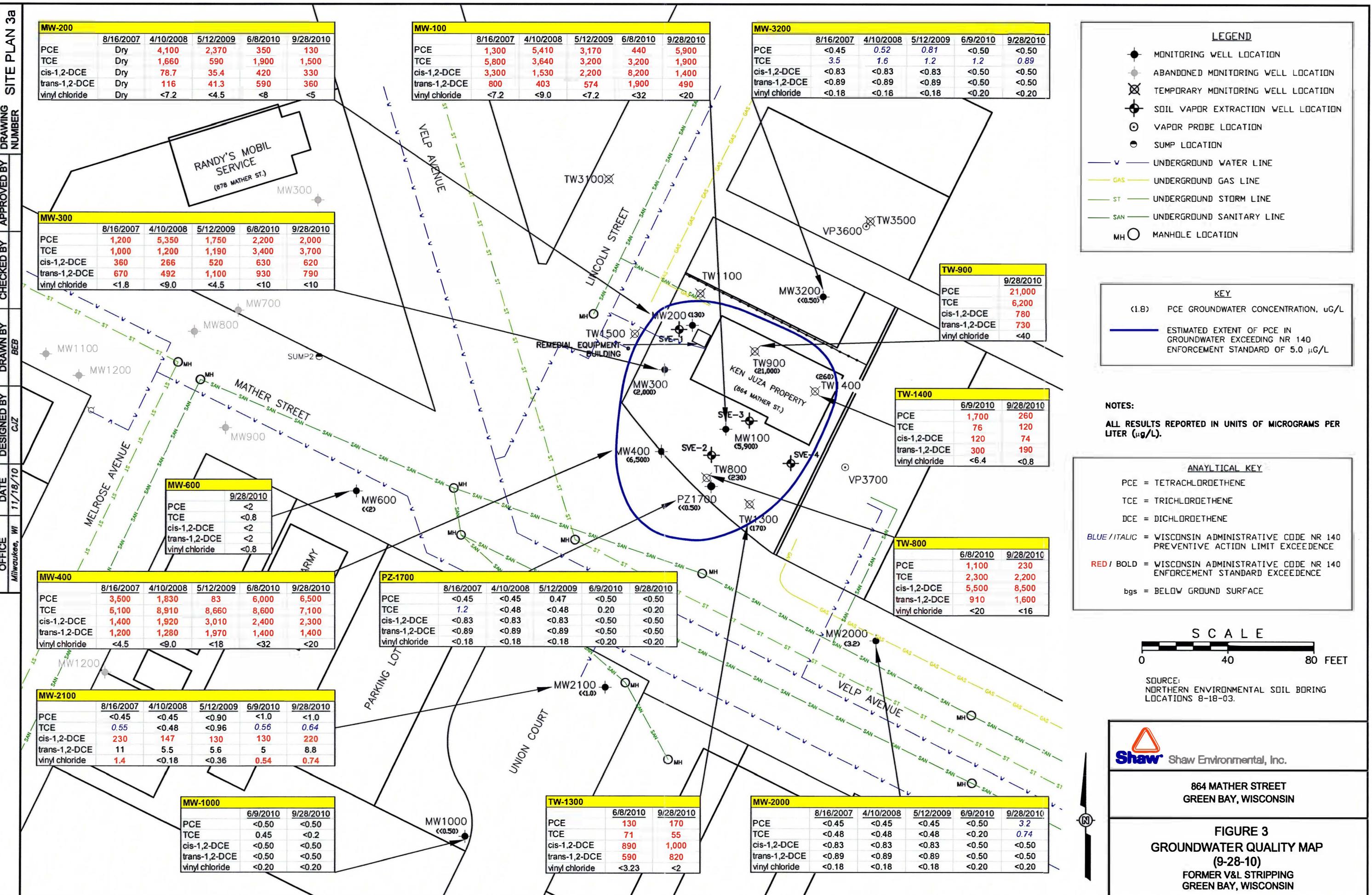
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## **FIGURES**

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**ATTACHMENT A**

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October 27, 2010

Client: SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212

Work Order: WTI0984  
Project Name: 108495; Green Bay, WI  
Project Number: 108495

Attn: Ms. Heidi Woelfel

Date Received: 09/29/10

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-3200	WTI0984-01	09/28/10 10:10
MW-200	WTI0984-02	09/28/10 11:40
MW-300	WTI0984-03	09/28/10 12:30
MW-400	WTI0984-04	09/28/10 13:30
PZ-1700	WTI0984-05	09/28/10 14:25
MW-100	WTI0984-06	09/28/10 14:25
MW-2000	WTI0984-07	09/28/10 15:35
TW-800	WTI0984-08	09/28/10 14:45
TW-900	WTI0984-09	09/28/10 13:15
TW-1300	WTI0984-10	09/28/10 15:00
TW-1400	WTI0984-11	09/28/10 12:44
MW-600	WTI0984-12	09/28/10 16:40
MW-1000	WTI0984-13	09/28/10 17:30
MW-2100	WTI0984-14	09/28/10 16:40
Dup	WTI0984-15	09/28/10 14:25
Trip Blank	WTI0984-16	09/28/10 08:00

RSK 175M, SW 9060 analysis performed at TestAmerica Nashville - Lab ID: 998020430

Samples were received on ice into laboratory at a temperature of 6 °C.

Wisconsin Certification Number: 128053530

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-01 (MW-3200 - Ground Water)</b>										
General Chemistry Parameters										
Alkalinity, Total (CaCO <sub>3</sub> )	420		mg/L	100	130	5	10/12/10 18:32	wlab	10J0280	EPA 310.2
Nitrate/Nitrite as N	0.043	J	mg/L	0.024	0.25	1	10/17/10 20:13	ler	10J0490	EPA 353.2
Sulfate	140		mg/L	6.0	20	4	10/26/10 15:11	pju	10J0778	EPA 300.0
Metals Dissolved										
Manganese	0.17		mg/L	0.0050	0.050	1	10/11/10 15:24	mmm	10J0794	SW 6010B
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Chloroethane	<1.0	R2	ug/L	1.0	5.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50	R2	ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,2-Dibromochthane (EDB)	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	10J0030	SW 8260B

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-01 (MW-3200 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Naphthalene	<0.25	R2	ug/L	0.25	5.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
<b>Trichloroethene</b>	<b>0.89</b>	J	ug/L	0.20	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	10/04/10 09:19	mae	I0J0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	122 %	ZI								
Surr: Toluene-d8 (80-120%)	109 %									
Surr: 4-Bromofluorobenzene (80-120%)	100 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>8.46</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	I0J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 13:03	Ijt	I0J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 13:03	Ijt	I0J1285	RSK 175
Methane	<15.0		ug/L	15.0	26.0	1	10/08/10 13:03	Ijt	I0J1285	RSK 175
Surr: Acetylene (70-122%)	84 %									
Surr: Acetylene (70-122%)	84 %									
Surr: Acetylene (70-122%)	84 %									

## TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
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Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-02 (MW-200 - Ground Water)</b>										
General Chemistry Parameters										
<b>Alkalinity, Total (CaCO<sub>3</sub>)</b>	<b>310</b>		mg/L	100	130	5	10/12/10 18:33	wtlab	10J0280	EPA 310.2
Nitrate/Nitrite as N	<0.024		mg/L	0.024	0.25	1	10/17/10 20:14	ler	10J0490	EPA 353.2
<b>Sulfate</b>	<b>29</b>		mg/L	3.0	10	2	10/26/10 15:29	pju	10J0778	EPA 300.0
Metals Dissolved										
<b>Manganese</b>	<b>0.16</b>		mg/L	0.0050	0.050	1	10/11/10 15:28	mmm	10I0794	SW 6010B
VOCs by SW8260B										
Benzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Bromobenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Bromochloromethane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Bromodichloromethane	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Bromoform	<5.0		ug/L	5.0	130	25	10/06/10 20:54	mae	10J0106	SW 8260B
Bromomethane	<13		ug/L	13	130	25	10/06/10 20:54	mae	10J0106	SW 8260B
n-Butylbenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
sec-Butylbenzene	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
tert-Butylbenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Carbon Tetrachloride	<20		ug/L	20	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Chlorobenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Chlorodibromomethane	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Chloroethane	<25		ug/L	25	130	25	10/06/10 20:54	mae	10J0106	SW 8260B
Chloroform	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Chloromethane	<7.5		ug/L	7.5	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
2-Chlorotoluene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
4-Chlorotoluene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Dibromomethane	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1-Dichloroethane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2-Dichloroethane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1-Dichloroethene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
<b>cis-1,2-Dichloroethene</b>	<b>330</b>		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
<b>trans-1,2-Dichloroethene</b>	<b>360</b>		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2-Dichloropropane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,3-Dichloropropane	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
2,2-Dichloropropane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1-Dichloropropene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
2,3-Dichloropropene	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Isopropyl Ether	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Ethylbenzene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Hexachlorobutadiene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Isopropylbenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
p-Isopropyltoluene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Methylene Chloride	<25		ug/L	25	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Naphthalene	<6.3		ug/L	6.3	130	25	10/06/10 20:54	mae	10J0106	SW 8260B
n-Propylbenzene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-02 (MW-200 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene	<13		ug/L	13	130	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
<b>Tetrachloroethene</b>	<b>130</b>		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Toluene	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<6.3		ug/L	6.3	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>1500</b>		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Trichlorofluoromethane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Vinyl chloride	<5.0		ug/L	5.0	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
Xylenes, Total	<13		ug/L	13	50	25	10/06/10 20:54	mae	10J0106	SW 8260B
<i>Surr: Dibromofluoromethane (80-120%)</i>	95 %									
<i>Surr: Toluene-d8 (80-120%)</i>	100 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	100 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>12.3</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	10J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 13:08	ljt	10J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 13:08	ljt	10J1285	RSK 175
<b>Methane</b>	<b>41.3</b>		ug/L	15.0	26.0	1	10/08/10 13:08	ljt	10J1285	RSK 175
<i>Surr: Acetylene (70-122%)</i>	90 %									
<i>Surr: Acetylene (70-122%)</i>	90 %									
<i>Surr: Acetylene (70-122%)</i>	90 %									

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Work Order: WTI0984  
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Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-03 (MW-300 - Ground Water)</b>										
General Chemistry Parameters										
<b>Sampled: 09/28/10 12:30</b>										
<b>Alkalinity, Total (CaCO<sub>3</sub>)</b>	360		mg/L	100	130	5	10/12/10 18:34	wlab	10J0280	EPA 310.2
Nitrate/Nitrite as N	<0.024		mg/L	0.024	0.25	1	10/17/10 20:15	ler	10J0490	EPA 353.2
<b>Sulfate</b>	62		mg/L	3.0	10	2	10/26/10 15:48	pju	10J0778	EPA 300.0
Metals Dissolved										
<b>Manganese</b>	0.48		mg/L	0.0050	0.050	1	10/11/10 15:41	mmm	10J0794	SW 6010B
VOCs by SW8260B										
Benzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Bromobenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Bromochloromethane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Bromodichloromethane	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Bromoform	<10		ug/L	10	250	50	10/06/10 21:21	mae	10J0106	SW 8260B
Bromomethane	<25		ug/L	25	250	50	10/06/10 21:21	mac	10J0106	SW 8260B
n-Butylbenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
sec-Butylbenzene	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
tert-Butylbenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Carbon Tetrachloride	<40		ug/L	40	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Chlorobenzene	<10		ug/L	10	100	50	10/06/10 21:21	mac	10J0106	SW 8260B
Chlorodibromomethane	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Chloroethane	<50		ug/L	50	250	50	10/06/10 21:21	mae	10J0106	SW 8260B
Chloroform	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Chloromethane	<15		ug/L	15	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
2-Chlorotoluene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
4-Chlorotoluene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<25		ug/L	25	100	50	10/06/10 21:21	mac	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Dibromomethane	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1-Dichloroethane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2-Dichloroethane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1-Dichloroethene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
<b>cis-1,2-Dichloroethene</b>	620		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
<b>trans-1,2-Dichloroethene</b>	790		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2-Dichloropropane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,3-Dichloropropane	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
2,2-Dichloropropane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1-Dichloropropene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
2,3-Dichloropropene	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Isopropyl Ether	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Ethylbenzene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Hexachlorobutadiene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Isopropylbenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
p-Isopropyltoluene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Methylene Chloride	<50		ug/L	50	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Naphthalene	<13		ug/L	13	250	50	10/06/10 21:21	mae	10J0106	SW 8260B
n-Propylbenzene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-03 (MW-300 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene	<25		ug/L	25	250	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
<b>Tetrachloroethene</b>	<b>2000</b>		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Toluene	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<13		ug/L	13	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>3700</b>		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Trichlorofluoromethane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Vinyl chloride	<10		ug/L	10	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
Xylenes, Total	<25		ug/L	25	100	50	10/06/10 21:21	mae	10J0106	SW 8260B
<i>Surr: Dibromofluoromethane (80-120%)</i>	96 %									
<i>Surr: Toluene-d8 (80-120%)</i>	100 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	100 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>20.4</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	10J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 13:11	ljt	10J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 13:11	ljt	10J1285	RSK 175
<b>Methane</b>	<b>832</b>		ug/L	60.0	104	4	10/08/10 13:18	ljt	10J1285	RSK 175
<i>Surr: Acetylene (70-122%)</i>	86 %									
<i>Surr: Acetylene (70-122%)</i>	86 %									
<i>Surr: Acetylene (70-122%)</i>	72 %									

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Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-04 (MW-400 - Ground Water)</b>										
General Chemistry Parameters										
<b>Alkalinity, Total (CaCO<sub>3</sub>)</b>	320		mg/L	100	130	5	10/12/10 18:35	wlab	10J0280	EPA 310.2
<b>Nitrate/Nitrite as N</b>	1.1		ug/L	0.024	0.25	1	10/17/10 20:16	ler	10J0490	FPA 353.2
<b>Sulfate</b>	46		mg/L	3.0	10	2	10/26/10 16:06	pju	10J0778	EPA 300.0
Metals Dissolved										
<b>Manganese</b>	0.23		mg/L	0.0050	0.050	1	10/11/10 15:44	mmm	10J0794	SW 6010B
VOCs by SW8260B										
Benzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Bromobenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Bromoform	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Bromochloromethane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Bromodichloromethane	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Bromoform	<20		ug/L	20	500	100	10/06/10 21:47	mae	10J0106	SW 8260B
Bromomethane	<50		ug/L	50	500	100	10/06/10 21:47	mae	10J0106	SW 8260B
n-Butylbenzene	<20		ug/L	20	200	100	10/06/10 21:47	mac	10J0106	SW 8260B
sec-Butylbenzene	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
tert-Butylbenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Carbon Tetrachloride	<80		ug/L	80	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Chlorobenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Chlorodibromomethane	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Chloroethane	<100		ug/L	100	500	100	10/06/10 21:47	mae	10J0106	SW 8260B
Chloroform	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Chloromethane	<30		ug/L	30	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
2-Chlorotoluene	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
4-Chlorotoluene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Dibromomethane	<20		ug/L	20	200	100	10/06/10 21:47	mac	10J0106	SW 8260B
1,2-Dichlorobenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,1-Dichloroethane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2-Dichloroethane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,1-Dichloroethene	<50		ug/L	50	200	100	10/06/10 21:47	mac	10J0106	SW 8260B
<b>cis-1,2-Dichloroethene</b>	2300		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
<b>trans-1,2-Dichloroethene</b>	1400		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2-Dichloropropane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,3-Dichloropropane	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
2,2-Dichloropropane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,1-Dichloropropene	<50		ug/L	50	200	100	10/06/10 21:47	mac	10J0106	SW 8260B
cis-1,3-Dichloropropene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
2,3-Dichloropropene	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Isopropyl Ether	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Ethylbenzene	<50		ug/L	50	200	100	10/06/10 21:47	mac	10J0106	SW 8260B
Hexachlorobutadiene	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Isopropylbenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
p-Isopropyltoluene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Methylene Chloride	<100		ug/L	100	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Naphthalene	<25		ug/L	25	500	100	10/06/10 21:47	mae	10J0106	SW 8260B
n-Propylbenzene	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B

**TestAmerica Watertown**

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
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Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-04 (MW-400 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene	<50		ug/L	50	500	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
<b>Tetrachloroethene</b>	<b>6500</b>		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Toluene	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<50		ug/L	50	200	100	10/06/10 21:47	mac	10J0106	SW 8260B
1,1,2-Trichloroethane	<25		ug/L	25	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>7100</b>		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Trichlorofluoromethane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Vinyl chloride	<20		ug/L	20	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
Xylenes, Total	<50		ug/L	50	200	100	10/06/10 21:47	mae	10J0106	SW 8260B
<i>Surr: Dibromoiodomethane (80-120%)</i>	95 %									
<i>Surr: Toluene-d8 (80-120%)</i>	100 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	100 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>9.65</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	10J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 13:24	Ijt	10J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 13:24	Ijt	10J1285	RSK 175
<b>Methane</b>	<b>2540</b>		ug/L	300	520	20	10/08/10 13:46	Ijt	10J1285	RSK 175
<i>Surr: Acetylene (70-122%)</i>	85 %									
<i>Surr: Acetylene (70-122%)</i>	85 %									
<i>Surr: Acetylene (70-122%)</i>	85 %									

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Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-05 (PZ-1700 - Ground Water)</b>										
General Chemistry Parameters										
<b>Sampled: 09/28/10 14:25</b>										
<b>Alkalinity, Total (CaCO<sub>3</sub>)</b>	<b>180</b>		mg/L	100	130	5	10/12/10 18:36	wlab	10J0280	EPA 310.2
Nitrate/Nitrite as N	<0.024		mg/L	0.024	0.25	1	10/17/10 20:17	ler	10J0490	EPA 353.2
<b>Sulfate</b>	<b>8.2</b>		mg/L	1.5	5.0	1	10/26/10 16:24	pju	10J0778	EPA 300.0
Metals Dissolved										
<b>Manganese</b>	<b>0.012</b>	J	mg/L	0.0050	0.050	1	10/11/10 15:47	mmm	10I0794	SW 6010B
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Bromoform	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Bromochloromethane	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Bromomethane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
<b>Naphthalene</b>	<b>0.47</b>	J	ug/L	0.25	5.0	1	10/06/10 15:11	mae	10J0105	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 15:11	mae	10J0105	SW 8260B

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-05 (PZ-1700 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene										
1,1,1,2-Tetrachloroethane										
1,1,2,2-Tetrachloroethane										
Tetrachloroethene										
Toluene										
1,2,3-Trichlorobenzene										
1,2,4-Trichlorobenzene										
1,1,1-Trichloroethane										
1,1,2-Trichloroethane										
Trichloroethene										
Trichlorofluoromethane										
1,2,3-Trichloropropene										
<b>1,2,4-Trimethylbenzene</b>										
1,3,5-Trimethylbenzene										
Vinyl chloride										
Xylenes, Total										
<i>Surr: Dibromoiodomethane (80-120%)</i>										
<i>Surr: Toluene-d8 (80-120%)</i>										
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>										
General Chemistry Parameters										
<b>Total Organic Carbon</b>										
Methane, Ethane, and Ethene by GC										
Ethane										
Ethene										
<b>Methane</b>										
<i>Surr: Acetylene (70-122%)</i>										
<i>Surr: Acetylene (70-122%)</i>										
<i>Surr: Acetylene (70-122%)</i>										

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Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-06 (MW-100 - Ground Water)</b>										
General Chemistry Parameters										
<b>Sampled: 09/28/10 14:25</b>										
<b>Alkalinity, Total (CaCO<sub>3</sub>)</b>	280		mg/L	100	130	5	10/12/10 18:37	wtlab	10J0280	EPA 310.2
<b>Nitrate/Nitrite as N</b>	0.36		mg/L	0.024	0.25	1	10/17/10 20:19	lcr	10J0490	EPA 353.2
<b>Sulfate</b>	42		mg/L	3.0	10	2	10/26/10 16:43	pju	10J0778	EPA 300.0
Metals Dissolved										
<b>Manganese</b>	0.32		mg/L	0.0050	0.050	1	10/11/10 15:51	mmm	10J0794	SW 6010B
VOCs by SW8260B										
Benzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Bromobenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Bromoform	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Bromochloromethane	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Bromodichloromethane	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Bromoform	<20		ug/L	20	500	100	10/06/10 22:14	mae	10J0106	SW 8260B
Bromomethane	<50		ug/L	50	500	100	10/06/10 22:14	mae	10J0106	SW 8260B
n-Butylbenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
sec-Butylbenzene	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
tert-Butylbenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Carbon Tetrachloride	<80		ug/L	80	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Chlorobenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Chlorodibromomethane	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Chloroethane	<100		ug/L	100	500	100	10/06/10 22:14	mae	10J0106	SW 8260B
Chloroform	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Chloromethane	<30		ug/L	30	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
2-Chlorotoluene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
4-Chlorotoluene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Dibromomethane	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1-Dichloroethane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2-Dichloroethane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1-Dichloroethene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
<b>cis-1,2-Dichloroethene</b>	<b>1400</b>		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
<b>trans-1,2-Dichloroethene</b>	<b>490</b>		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2-Dichloropropane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,3-Dichloropropane	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
2,2-Dichloropropane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1-Dichloropropene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
2,3-Dichloropropene	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Isopropyl Ether	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Ethylbenzene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Hexachlorobutadiene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Isopropylbenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
p-Isopropyltoluene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Methylene Chloride	<100		ug/L	100	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Naphthalene	<25		ug/L	25	500	100	10/06/10 22:14	mae	10J0106	SW 8260B
n-Propylbenzene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B

### TestAmerica Watertown

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Project Manager

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Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-06 (MW-100 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene	<50		ug/L	50	500	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
<b>Tetrachloroethene</b>	<b>5900</b>		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Toluene	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<25		ug/L	25	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>1900</b>		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Trichlorofluoromethane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Vinyl chloride	<20		ug/L	20	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
Xylenes, Total	<50		ug/L	50	200	100	10/06/10 22:14	mae	10J0106	SW 8260B
<i>Surr: Dibromofluoromethane (80-120%)</i>	94 %									
<i>Surr: Toluene-d8 (80-120%)</i>	101 %									
<i>Surr: 4-Bromo fluoro benzene (80-120%)</i>	100 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>6.23</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	10J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 13:54	Ijt	10J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 13:54	Ijt	10J1285	RSK 175
<b>Methane</b>	<b>471</b>		ug/L	30.0	52.0	2	10/08/10 13:57	Ijt	10J1285	RSK 175
<i>Surr: Acetylene (70-122%)</i>	92 %									
<i>Surr: Acetylene (70-122%)</i>	92 %									
<i>Surr: Acetylene (70-122%)</i>	78 %									

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Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-07 (MW-2000 - Ground Water)</b>									<b>Sampled: 09/28/10 15:35</b>	
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mac	10J0106	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mac	10J0106	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Tetrachloroethene	3.2		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 20:02	mae	10J0106	SW 8260B

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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Received: 09/29/10  
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Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-07 (MW-2000 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
1,2,4-Trichlorobenzene <0.25 ug/L 0.25 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
1,1,1-Trichloroethane <0.50 ug/L 0.50 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
1,1,2-Trichloroethane <0.25 ug/L 0.25 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
<b>Trichloroethene</b> 0.74 J ug/L 0.20 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
Trichlorofluoromethane <0.50 ug/L 0.50 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
1,2,3-Trichloropropane <0.50 ug/L 0.50 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
1,2,4-Trimethylbenzene <0.20 ug/L 0.20 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
1,3,5-Trimethylbenzene <0.20 ug/L 0.20 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
Vinyl chloride <0.20 ug/L 0.20 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
Xylenes, Total <0.50 ug/L 0.50 2.0 1 10/06/10 20:02 mae 10J0106 SW 8260B										
<i>Surr: Dibromoform (80-120%)</i> 95 %										
<i>Surr: Toluene-d8 (80-120%)</i> 99 %										
<i>Surr: 4-Bromofluorobenzene (80-120%)</i> 99 %										
<b>Sample ID: WTI0984-08 (TW-800 - Ground Water)</b>										
VOCs by SW8260B										
Benzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Bromobenzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Bromochloromethane <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Bromodichloromethane <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Bromoform <16 ug/L 16 400 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Bromomethane <40 ug/L 40 400 80 10/06/10 22:40 mae 10J0106 SW 8260B										
n-Butylbenzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
sec-Butylbenzene <20 ug/L 20 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
tert-Butylbenzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Carbon Tetrachloride <64 ug/L 64 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Chlorobenzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Chlorodibromomethane <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Chloroethane <80 ug/L 80 400 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Chloroform <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Chloromethane <24 ug/L 24 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
2-Chlorotoluene <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
4-Chlorotoluene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,2-Dibromo-3-chloropropane <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,2-Dibromoethane (EDB) <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Dibromomethane <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,2-Dichlorobenzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,3-Dichlorobenzene <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,4-Dichlorobenzene <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
Dichlorodifluoromethane <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,1-Dichloroethane <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,2-Dichloroethane <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,1-Dichloroethene <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
<b>cis-1,2-Dichloroethene</b> 8500 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
<b>trans-1,2-Dichloroethene</b> 1600 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,2-Dichloropropene <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,3-Dichloropropene <20 ug/L 20 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
2,2-Dichloropropene <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
1,1-Dichloropropene <40 ug/L 40 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
<b>cis-1,3-Dichloropropene</b> <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										
<b>trans-1,3-Dichloropropene</b> <16 ug/L 16 160 80 10/06/10 22:40 mae 10J0106 SW 8260B										

**TestAmerica Watertown**

 Brian DeJong For Dan F. Milewsky  
 Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-08 (TW-800 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
2,3-Dichloropropene	<20		ug/L	20	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Isopropyl Ether	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Ethylbenzene	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Hexachlorobutadiene	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Isopropylbenzene	<16		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
p-Isopropyltoluene	<16		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Methylene Chloride	<80		ug/L	80	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Naphthalene	<20		ug/L	20	400	80	10/06/10 22:40	mae	10J0106	SW 8260B
n-Propylbenzene	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Styrene	<40		ug/L	40	400	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<20		ug/L	20	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<16		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
<b>Tetrachloroethene</b>	<b>230</b>		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Toluene	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<20		ug/L	20	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<20		ug/L	20	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<20		ug/L	20	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>2200</b>		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Trichloroethane	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<16		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<16		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Vinyl chloride	<16		ug/L	16	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
Xylenes, Total	<40		ug/L	40	160	80	10/06/10 22:40	mae	10J0106	SW 8260B
<i>Surr: Dibromoformmethane (80-120%)</i>	97 %									
<i>Surr: Toluene-d8 (80-120%)</i>	101 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	101 %									

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-09 (TW-900 - Ground Water)</b>										
<b>Sampled: 09/28/10 13:15</b>										
VOCs by SW8260B										
Benzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Bromobenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Bromoform	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Bromochloromethane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Bromodichloromethane	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Bromomethane	<100		ug/L	100	1000	200	10/06/10 23:07	mae	10J0106	SW 8260B
n-Butylbenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
sec-Butylbenzene	<50		ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
tert-Butylbenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Carbon Tetrachloride	<160		ug/L	160	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Chlorobenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Chlorodibromomethane	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Chloroethane	<200		ug/L	200	1000	200	10/06/10 23:07	mae	10J0106	SW 8260B
Chloroform	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Chloromethane	<60		ug/L	60	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
2-Chlorotoluene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
4-Chlorotoluene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Dibromomethane	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1-Dichloroethane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2-Dichloroethane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1-Dichloroethene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
cis-1,2-Dichloroethene	780		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
trans-1,2-Dichloroethene	730		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2-Dichloropropane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,3-Dichloropropane	<50		ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
2,2-Dichloropropane	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1-Dichloropropene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
2,3-Dichloropropene	<50		ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Isopropyl Ether	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Ethylbenzene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Hexachlorobutadiene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Isopropylbenzene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
p-Isopropyltoluene	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Methylene Chloride	<200		ug/L	200	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Naphthalene	<50		ug/L	50	1000	200	10/06/10 23:07	mae	10J0106	SW 8260B
n-Propylbenzene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Styrene	<100		ug/L	100	1000	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<50		ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<40		ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Tetrachloroethene	21000		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Toluene	<100		ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<50		ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
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**Sample ID: WTI0984-09 (TW-900 - Ground Water) - cont.**

**Sampled: 09/28/10 13:15**

VOCs by SW8260B - cont.

1,2,4-Trichlorobenzene	<50	ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1,1-i-Trichloroethane	<100	ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<50	ug/L	50	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>6200</b>	ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Trichlorofluoromethane	<100	ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<100	ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<40	ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<40	ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Vinyl chloride	<40	ug/L	40	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
Xylenes, Total	<100	ug/L	100	400	200	10/06/10 23:07	mae	10J0106	SW 8260B
<i>Surr: Dibromoform (80-120%)</i>	97 %								
<i>Surr: Toluene-d8 (80-120%)</i>	101 %								
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	100 %								

**Sample ID: WTI0984-10 (TW-1300 - Ground Water)**

**Sampled: 09/28/10 15:00**

VOCs by SW8260B

Benzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Bromobenzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Bromochloromethane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Bromodichloromethane	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Bromoform	<2.0	ug/L	2.0	50	10	10/05/10 08:51	mae	10J0031	SW 8260B
Bromomethane	<5.0	ug/L	5.0	50	10	10/05/10 08:51	mae	10J0031	SW 8260B
n-Butylbenzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
sec-Butylbenzene	<2.5	ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
tert-Butylbenzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Carbon Tetrachloride	<8.0	ug/L	8.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Chlorobenzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Chlorodibromomethane	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Chloroethane	<10	ug/L	10	50	10	10/05/10 08:51	mae	10J0031	SW 8260B
Chloroform	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Chloromethane	<3.0	ug/L	3.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
2-Chlorotoluene	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
4-Chlorotoluene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2-Dibromo-3-chloropropane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2-Dibromoethane (EDB)	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Dibromomethane	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2-Dichlorobenzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,3-Dichlorobenzene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,4-Dichlorobenzene	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Dichlorodifluoromethane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1-Dichloroethane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2-Dichloroethane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1-Dichloroethene	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
<b>cis-1,2-Dichloroethene</b>	<b>1000</b>	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
<b>trans-1,2-Dichloroethene</b>	<b>820</b>	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2-Dichloropropane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,3-Dichloropropane	<2.5	ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
2,2-Dichloropropane	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1-Dichloropropene	<5.0	ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
cis-1,3-Dichloropropene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
trans-1,3-Dichloropropene	<2.0	ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B

**TestAmerica Watertown**

Brian DeJong For Dan F. Milewsky  
Project Manager

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-10 (TW-1300 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
2,3-Dichloropropene	<2.5		ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Isopropyl Ether	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Ethylbenzene	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Hexachlorobutadiene	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Isopropylbenzene	<2.0		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
p-Isopropyltoluene	<2.0		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Methylene Chloride	<10		ug/L	10	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Methyl tert-Butyl Ether	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Naphthalene	<2.5		ug/L	2.5	50	10	10/05/10 08:51	mae	10J0031	SW 8260B
n-Propylbenzene	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Styrene	<5.0		ug/L	5.0	50	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1,1,2-Tetrachloroethane	<2.5		ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1,2,2-Tetrachloroethane	<2.0		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
<b>Tetrachloroethene</b>	<b>170</b>		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Toluene	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2,3-Trichlorobenzene	<2.5		ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2,4-Trichlorobenzene	<2.5		ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1,1-Trichloroethane	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,1,2-Trichloroethane	<2.5		ug/L	2.5	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
<b>Trichloroethene</b>	<b>55</b>		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Trichlorofluoromethane	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2,3-Trichloropropane	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,2,4-Trimethylbenzene	<2.0		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
1,3,5-Trimethylbenzene	<2.0		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Vinyl chloride	<2.0		ug/L	2.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
Xylenes, Total	<5.0		ug/L	5.0	20	10	10/05/10 08:51	mae	10J0031	SW 8260B
<i>Surr: Dibromoformmethane (80-120%)</i>	96 %									
<i>Surr: Toluene-d8 (80-120%)</i>	99 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	99 %									

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-IIRE2 (TW-1400 - Ground Water)</b>									<b>Sampled: 09/28/10 12:44</b>	
VOCs by SW8260B										
Benzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Bromobenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Bromoform	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Bromomethane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Bromodichloromethane	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Carbon Tetrachloride	<3.2		ug/L	3.2	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Chlorobenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Chlorodibromomethane	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Chloroethane	<4.0		ug/L	4.0	20	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Chloroform	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Chloromethane	<1.2		ug/L	1.2	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
2-Chlorotoluene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
4-Chlorotoluene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2-Dibromo-3-chloropropane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2-Dibromoethane (EDB)	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Dibromomethane	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2-Dichlorobenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,3-Dichlorobenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,4-Dichlorobenzene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Dichlorodifluoromethane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1-Dichloroethane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2-Dichloroethane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1-Dichloroethene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
cis-1,2-Dichloroethene	74		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
trans-1,2-Dichloroethene	190		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2-Dichloropropane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,3-Dichloropropane	<1.0		ug/L	1.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
2,2-Dichloropropane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1-Dichloropropene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
cis-1,3-Dichloropropene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
trans-1,3-Dichloropropene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
2,3-Dichloropropene	<1.0		ug/L	1.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Isopropyl Ether	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Ethylbenzene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Hexachlorobutadiene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Isopropylbenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
p-Isopropyltoluene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Methylene Chloride	<4.0		ug/L	4.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Methyl tert-Butyl Ether	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Naphthalene	<1.0		ug/L	1.0	20	4	10/08/10 12:18	MAE	10J0188	SW 8260B
n-Propylbenzene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Styrene	<2.0		ug/L	2.0	20	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1,1,2-Tetrachloroethane	<1.0		ug/L	1.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1,2,2-Tetrachloroethane	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Tetrachloroethene	260		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Toluene	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2,3-Trichlorobenzene	<1.0		ug/L	1.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B

### TestAmerica Watertown

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Project Manager

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Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-11RE2 (TW-1400 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
1,2,4-Trichlorobenzene	<1.0		ug/L	1.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1,1-Trichloroethane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,1,2-Trichloroethane	<1.0		ug/L	1.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
<b>Trichloroethene</b>	<b>120</b>		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Trichlorofluoromethane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2,3-Trichloropropane	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,2,4-Trimethylbenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
1,3,5-Trimethylbenzene	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Vinyl chloride	<0.80		ug/L	0.80	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
Xylenes, Total	<2.0		ug/L	2.0	8.0	4	10/08/10 12:18	MAE	10J0188	SW 8260B
<i>Surr: Dibromoform (80-120%)</i>	84 %									
<i>Surr: Toluene-d8 (80-120%)</i>	104 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	93 %									
<b>Sample ID: WTI0984-12 (MW-600 - Ground Water)</b>										
VOCs by SW8260B										
Benzene	39		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Bromobenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Bromochloromethane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Bromodichloromethane	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Bromoform	<0.80		ug/L	0.80	20	4	10/07/10 00:00	mae	10J0106	SW 8260B
Bromomethane	<2.0		ug/L	2.0	20	4	10/07/10 00:00	mae	10J0106	SW 8260B
n-Butylbenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
scc-Butylbenzene	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mac	10J0106	SW 8260B
tert-Butylbenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Carbon Tetrachloride	<3.2		ug/L	3.2	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Chlorobenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Chlorodibromomethane	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Chloroethane	<4.0		ug/L	4.0	20	4	10/07/10 00:00	mae	10J0106	SW 8260B
Chloroform	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Chloromethane	<1.2		ug/L	1.2	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
2-Chlorotoluene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
4-Chlorotoluene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Dibromomethane	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1-Dichloroethane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2-Dichloroethane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1-Dichloroethene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
cis-1,2-Dichloroethene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
trans-1,2-Dichloroethene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2-Dichloropropane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,3-Dichloropropane	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
2,2-Dichloropropane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1-Dichloropropene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-12 (MW-600 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
2,3-Dichloropropene	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Isopropyl Ether	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Ethylbenzene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Hexachlorobutadiene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Isopropylbenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
p-Isopropyltoluene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Methylene Chloride	<4.0		ug/L	4.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
<b>Methyl tert-Butyl Ether</b>	<b>250</b>		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Naphthalene	<1.0		ug/L	1.0	20	4	10/07/10 00:00	mae	10J0106	SW 8260B
n-Propylbenzene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Styrene	<2.0		ug/L	2.0	20	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Tetrachloroethene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Toluene	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<1.0		ug/L	1.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Trichloroethene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Trichlorofluoromethane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
Vinyl chloride	<0.80		ug/L	0.80	8.0	4	10/07/10 00:00	mac	10J0106	SW 8260B
Xylenes, Total	<2.0		ug/L	2.0	8.0	4	10/07/10 00:00	mae	10J0106	SW 8260B
<i>Surr: Dibromo/methane (80-120%)</i>	98 %									
<i>Surr: Toluene-d8 (80-120%)</i>	102 %									
<i>Surr: 4-Bromo/methane (80-120%)</i>	100 %									

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-13 (MW-1000 - Ground Water)</b>										
General Chemistry Parameters										
Alkalinity, Total (CaCO <sub>3</sub> )	190		mg/L	100	130	5	10/12/10 19:38	wlab	I0J0280	EPA 310.2
Nitrate/Nitrite as N	22		mg/L	0.50	1.5	1	10/26/10 17:01	gsj	I0J0836	EPA 300.0
Sulfate	180		mg/L	6.0	20	4	10/26/10 17:01	pju	I0J0778	EPA 300.0
Metals Dissolved										
Manganese	0.037	J	mg/L	0.0050	0.050	1	10/11/10 15:54	mmm	I0I0794	SW 6010B
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	I0J0106	SW 8260B

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-13 (MW-1000 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene	<0.50		ug/L	0.50	5.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	10/06/10 19:35	mae	10J0106	SW 8260B
<i>Surr: Dibromoiodomethane (80-120%)</i>	95 %									
<i>Surr: Toluene-d8 (80-120%)</i>	99 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	99 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>5.04</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	10J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 14:00	ljt	10J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 14:00	ljt	10J1285	RSK 175
Methane	<15.0		ug/L	15.0	26.0	1	10/08/10 14:00	ljt	10J1285	RSK 175
<i>Surr: Acetylene (70-122%)</i>	85 %									
<i>Surr: Acetylene (70-122%)</i>	85 %									
<i>Surr: Acetylene (70-122%)</i>	85 %									

SHAW E & I - MILWAUKEE  
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 Ms. Heidi Woelfel

Work Order: WT10984  
 Project: 108495; Green Bay, WI  
 Project Number: 108495

Received: 09/29/10  
 Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WT10984-14 (MW-2100 - Ground Water)</b>										
General Chemistry Parameters										
<b>Sampled: 09/28/10 16:40</b>										
<b>Alkalinity, Total (CaCO<sub>3</sub>)</b>	240		mg/L	100	130	5	10/12/10 18:39	wlab	10J0280	EPA 310.2
Nitrate/Nitrite as N	<0.024		mg/L	0.024	0.25	1	10/17/10 21:40	ler	10J0490	EPA 353.2
<b>Sulfate</b>	96		mg/L	3.0	10	2	10/26/10 17:20	pju	10J0778	EPA 300.0
Metals Dissolved										
<b>Manganese</b>	0.19		mg/L	0.0050	0.050	1	10/11/10 15:57	mmm	10I0794	SW 6010B
VOCs by SW8260B										
Benzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Bromobenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Bromochloromethane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Bromodichloromethane	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Bromoform	<0.40		ug/L	0.40	10	2	10/06/10 20:28	mae	10J0106	SW 8260B
Bromomethane	<1.0		ug/L	1.0	10	2	10/06/10 20:28	mae	10J0106	SW 8260B
n-Butylbenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
sec-Butylbenzene	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
tert-Butylbenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Carbon Tetrachloride	<1.6		ug/L	1.6	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Chlorobenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Chlorodibromomethane	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Chloroethane	<2.0		ug/L	2.0	10	2	10/06/10 20:28	mae	10J0106	SW 8260B
Chloroform	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Chloromethane	<0.60		ug/L	0.60	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
2-Chlorotoluene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
4-Chlorotoluene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Dibromomethane	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1-Dichloroethane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2-Dichloroethane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1-Dichloroethene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
<b>cis-1,2-Dichloroethene</b>	220		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
<b>trans-1,2-Dichloroethene</b>	8.8		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2-Dichloropropane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,3-Dichloropropane	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
2,2-Dichloropropane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1-Dichloropropene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
2,3-Dichloropropene	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Isopropyl Ether	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Ethylbenzene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Hexachlorobutadiene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Isopropylbenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
p-Isopropyltoluene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Methylene Chloride	<2.0		ug/L	2.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Naphthalene	<0.50		ug/L	0.50	10	2	10/06/10 20:28	mae	10J0106	SW 8260B
n-Propylbenzene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B

**TestAmerica Watertown**

Brian DeJong For Dan F. Milcowsky  
 Project Manager

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WT10984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WT10984-14 (MW-2100 - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
Styrene	<1.0		ug/L	1.0	10	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Tetrachloroethene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Toluene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2,4-Trichlorobenzene	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<0.50		ug/L	0.50	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>0.64</b>	J	ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Trichlorofluoromethane	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2,3-Trichloropropene	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<0.40		ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
<b>Vinyl chloride</b>	<b>0.74</b>	J	ug/L	0.40	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
Xylenes, Total	<1.0		ug/L	1.0	4.0	2	10/06/10 20:28	mae	10J0106	SW 8260B
<i>Surr: Dibromoiodomethane (80-120%)</i>	96 %									
<i>Surr: Toluene-d8 (80-120%)</i>	99 %									
<i>Surr: 4-Bromofluorobenzene (80-120%)</i>	101 %									
General Chemistry Parameters										
<b>Total Organic Carbon</b>	<b>2.42</b>		mg/L	0.500	1.00	1	10/14/10 12:18	SHJ	10J2570	SW846 9060A
Methane, Ethane, and Ethene by GC										
Ethane	<14.0		ug/L	14.0	26.0	1	10/08/10 14:03	ljt	10J1285	RSK 175
Ethene	<11.0		ug/L	11.0	26.0	1	10/08/10 14:03	ljt	10J1285	RSK 175
<b>Methane</b>	<b>109</b>		ug/L	15.0	26.0	1	10/08/10 14:03	ljt	10J1285	RSK 175
<i>Surr: Acetylene (70-122%)</i>	91 %									
<i>Surr: Acetylene (70-122%)</i>	91 %									
<i>Surr: Acetylene (70-122%)</i>	91 %									

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-15 (Dup - Ground Water)</b>										
<b>Sampled: 09/28/10 14:25</b>										
VOCs by SW8260B										
Benzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Bromobenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Bromochloromethane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Bromodichloromethane	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Bromoform	<6.4		ug/L	6.4	160	32	10/07/10 03:05	mae	10J0106	SW 8260B
Bromomethane	<16		ug/L	16	160	32	10/07/10 03:05	mae	10J0106	SW 8260B
n-Butylbenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
sec-Butylbenzene	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
tert-Butylbenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Carbon Tetrachloride	<26		ug/L	26	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Chlorobenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Chlorodibromomethane	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Chloroethane	<32		ug/L	32	160	32	10/07/10 03:05	mae	10J0106	SW 8260B
Chloroform	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Chloromethane	<9.6		ug/L	9.6	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
2-Chlorotoluene	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
4-Chlorotoluene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,2-Dibromo-3-chloropropane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,2-Dibromoethane (EDB)	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Dibromomethane	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,2-Dichlorobenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,3-Dichlorobenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,4-Dichlorobenzene	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Dichlorodifluoromethane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1-Dichloroethane	<16		ug/L	16	64	32	10/07/10 03:05	mac	10J0106	SW 8260B
1,2-Dichloroethane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1-Dichloroethene	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
cis-1,2-Dichloroethene	1400		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
trans-1,2-Dichloroethene	470		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,2-Dichloropropane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,3-Dichloropropane	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
2,2-Dichloropropane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1-Dichloropropene	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
cis-1,3-Dichloropropene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
trans-1,3-Dichloropropene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
2,3-Dichloropropene	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Isopropyl Ether	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Ethylbenzene	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Hexachlorobutadiene	<16		ug/L	16	64	32	10/07/10 03:05	mac	10J0106	SW 8260B
Isopropylbenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
p-Isopropyltoluene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Methylene Chloride	<32		ug/L	32	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Methyl tert-Butyl Ether	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Naphthalene	<8.0		ug/L	8.0	160	32	10/07/10 03:05	mae	10J0106	SW 8260B
n-Propylbenzene	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Styrene	<16		ug/L	16	160	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1,1,2-Tetrachloroethane	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1,2,2-Tetrachloroethane	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Tetrachloroethene	5900		ug/L	40	160	80	10/07/10 16:13	MAE	10J0144	SW 8260B
Toluene	<16		ug/L	16	64	32	10/07/10 03:05	mac	10J0106	SW 8260B
1,2,3-Trichlorobenzene	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mac	10J0106	SW 8260B

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-15 (Dup - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
1,2,4-Trichlorobenzene	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1,1-Trichloroethane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,1,2-Trichloroethane	<8.0		ug/L	8.0	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
<b>Trichloroethene</b>	<b>1800</b>		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Trichlorofluoromethane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,2,3-Trichloropropane	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,2,4-Trimethylbenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
1,3,5-Trimethylbenzene	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Vinyl chloride	<6.4		ug/L	6.4	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
Xylenes, Total	<16		ug/L	16	64	32	10/07/10 03:05	mae	10J0106	SW 8260B
<i>Sur: Dibromoform (80-120%)</i>	97 %									
<i>Sur: Dibromoform (80-120%)</i>	85 %									
<i>Sur: Toluene-d8 (80-120%)</i>	101 %									
<i>Sur: Toluene-d8 (80-120%)</i>	102 %									
<i>Sur: 4-Bromofluorobenzene (80-120%)</i>	100 %									
<i>Sur: 4-Bromofluorobenzene (80-120%)</i>	94 %									

**Sample ID: WTI0984-16 (Trip Blank - Ground Water)**

**Sampled: 09/28/10 08:00**

VOCs by SW8260B

Benzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Bromoform	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B

**TestAmerica Watertown**

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI0984-16 (Trip Blank - Ground Water) - cont.</b>										
VOCs by SW8260B - cont.										
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	10/06/10 08:34	mae	10J0105	SW 8260B
<i>Surr: DibromoFluoromethane (80-120%)</i>	96 %									
<i>Surr: Toluene-d8 (80-120%)</i>	103 %									
<i>Surr: 4-BromoFluorobenzene (80-120%)</i>	100 %									

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRI	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>													
Alkalinity, Total (CaCO <sub>3</sub> )	I0J0280			mg/L	20	25	<20						
Nitrate/Nitrite as N	I0J0490			mg/L	0.024	0.25	<0.024						
Sulfate	I0J0778			mg/L	1.5	5.0	<1.5						
<b>Metals Dissolved</b>													
Manganese	I0J0794			mg/L	0.0050	0.050	<0.0050						
<b>VOCs by SW8260B</b>													
Benzene	I0J0030			ug/L	0.20	2.0	<0.20						
Bromobenzene	I0J0030			ug/L	0.20	2.0	<0.20						
Bromoform	I0J0030			ug/L	0.50	2.0	<0.50						
Bromodichloromethane	I0J0030			ug/L	0.20	2.0	<0.20						
Bromoform	I0J0030			ug/L	0.20	5.0	<0.20						
Bromomethane	I0J0030			ug/L	0.50	5.0	<0.50						
n-Butylbenzene	I0J0030			ug/L	0.20	2.0	<0.20						
sec-Butylbenzene	I0J0030			ug/L	0.25	2.0	<0.25						
tert-Butylbenzene	I0J0030			ug/L	0.20	2.0	<0.20						
Carbon Tetrachloride	I0J0030			ug/L	0.80	2.0	<0.80						
Chlorobenzene	I0J0030			ug/L	0.20	2.0	<0.20						
Chlorodihromomethane	I0J0030			ug/L	0.20	2.0	<0.20						
Chloroethane	I0J0030			ug/L	1.0	5.0	<1.0						
Chloroform	I0J0030			ug/L	0.20	2.0	<0.20						
Chloromethane	I0J0030			ug/L	0.30	2.0	<0.30						
2-Chlorotoluene	I0J0030			ug/L	0.50	2.0	<0.50						
4-Chlorotoluene	I0J0030			ug/L	0.20	2.0	<0.20						
1,2-Dibromo-3-chloropropane	I0J0030			ug/L	0.50	2.0	<0.50						
1,2-Dibromoethane (EDB)	I0J0030			ug/L	0.20	2.0	<0.20						
Dibromomethane	I0J0030			ug/L	0.20	2.0	<0.20						
1,2-Dichlorobenzene	I0J0030			ug/L	0.20	2.0	<0.20						
1,3-Dichlorobenzene	I0J0030			ug/L	0.20	2.0	<0.20						
1,4-Dichlorobenzene	I0J0030			ug/L	0.50	2.0	<0.50						
Dichlorodifluoromethane	I0J0030			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethane	I0J0030			ug/L	0.50	2.0	<0.50						
1,2-Dichloroethane	I0J0030			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethene	I0J0030			ug/L	0.50	2.0	<0.50						
cis-1,2-Dichloroethene	I0J0030			ug/L	0.50	2.0	<0.50						
trans-1,2-Dichloroethene	I0J0030			ug/L	0.50	2.0	<0.50						
1,2-Dichloropropane	I0J0030			ug/L	0.50	2.0	<0.50						
1,3-Dichloropropane	I0J0030			ug/L	0.25	2.0	<0.25						
2,2-Dichloropropane	I0J0030			ug/L	0.50	2.0	<0.50						
1,1-Dichloropropene	I0J0030			ug/L	0.50	2.0	<0.50						
cis-1,3-Dichloropropene	I0J0030			ug/L	0.20	2.0	<0.20						
trans-1,3-Dichloropropene	I0J0030			ug/L	0.20	2.0	<0.20						
2,3-Dichloropropene	I0J0030			ug/L	0.25	2.0	<0.25						

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Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Isopropyl Ether	10J0030			ug/L	0.50	2.0	<0.50						
Ethylbenzene	10J0030			ug/L	0.50	2.0	<0.50						
Hexachlorobutadiene	10J0030			ug/L	0.50	2.0	<0.50						
Isopropylbenzene	10J0030			ug/L	0.20	2.0	<0.20						
p-Isopropyltoluene	10J0030			ug/L	0.20	2.0	<0.20						
Methylene Chloride	10J0030			ug/L	1.0	2.0	<1.0						
Methyl tert-Butyl Ether	10J0030			ug/L	0.50	2.0	<0.50						
Naphthalene	10J0030			ug/L	0.25	5.0	<0.25						
n-Propylbenzene	10J0030			ug/L	0.50	2.0	<0.50						
Styrene	10J0030			ug/L	0.50	5.0	<0.50						
1,1,1,2-Tetrachloroethane	10J0030			ug/L	0.25	2.0	<0.25						
1,1,2,2-Tetrachloroethane	10J0030			ug/L	0.20	2.0	<0.20						
Tetrachloroethene	10J0030			ug/L	0.50	2.0	<0.50						
Toluene	10J0030			ug/L	0.50	2.0	<0.50						
1,2,3-Trichlorobenzene	10J0030			ug/L	0.25	2.0	<0.25						
1,2,4-Trichlorobenzene	10J0030			ug/L	0.25	2.0	<0.25						
1,1,1-Trichloroethane	10J0030			ug/L	0.50	2.0	<0.50						
1,1,2-Trichloroethane	10J0030			ug/L	0.25	2.0	<0.25						
Trichloroethene	10J0030			ug/L	0.20	2.0	<0.20						
Trichlorofluoromethane	10J0030			ug/L	0.50	2.0	<0.50						
1,2,3-Trichloropropane	10J0030			ug/L	0.50	2.0	<0.50						
1,2,4-Trimethylbenzene	10J0030			ug/L	0.20	2.0	<0.20						
1,3,5-Trimethylbenzene	10J0030			ug/L	0.20	2.0	<0.20						
Vinyl chloride	10J0030			ug/L	0.20	2.0	<0.20						
Xylenes, Total	10J0030			ug/L	0.50	2.0	<0.50						
Surrogate: Dibromoform	10J0030			ug/L				122		80-120			z1
Surrogate: Toluene-d8	10J0030			ug/L				109		80-120			
Surrogate: 4-Bromofluorobenzene	10J0030			ug/L				100		80-120			
Benzene	10J0031			ug/L	0.20	2.0	<0.20						
Bromobenzene	10J0031			ug/L	0.20	2.0	<0.20						
Bromochloromethane	10J0031			ug/L	0.50	2.0	<0.50						
Bromodichloromethane	10J0031			ug/L	0.20	2.0	<0.20						
Bromoform	10J0031			ug/L	0.20	5.0	<0.20						
Bromomethane	10J0031			ug/L	0.50	5.0	<0.50						
n-Butylbenzene	10J0031			ug/L	0.20	2.0	<0.20						
sec-Butylbenzene	10J0031			ug/L	0.25	2.0	<0.25						
tert-Butylbenzene	10J0031			ug/L	0.20	2.0	<0.20						
Carbon Tetrachloride	10J0031			ug/L	0.80	2.0	<0.80						
Chlorobenzene	10J0031			ug/L	0.20	2.0	<0.20						
Chlorodibromomethane	10J0031			ug/L	0.20	2.0	<0.20						
Chloroethane	10J0031			ug/L	1.0	5.0	<1.0						
Chloroform	10J0031			ug/L	0.20	2.0	<0.20						
Chloromethane	10J0031			ug/L	0.30	2.0	<0.30						
2-Chlorotoluene	10J0031			ug/L	0.50	2.0	<0.50						

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## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
4-Chlorotoluene	10J0031			ug/L	0.20	2.0	<0.20						
1,2-Dibromo-3-chloropropane	10J0031			ug/L	0.50	2.0	<0.50						
1,2-Dibromoethane (EDB)	10J0031			ug/L	0.20	2.0	<0.20						
Dibromomethane	10J0031			ug/L	0.20	2.0	<0.20						
1,2-Dichlorobenzene	10J0031			ug/L	0.20	2.0	<0.20						
1,3-Dichlorobenzene	10J0031			ug/L	0.20	2.0	<0.20						
1,4-Dichlorobenzene	10J0031			ug/L	0.50	2.0	<0.50						
Dichlorodifluoromethane	10J0031			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethane	10J0031			ug/L	0.50	2.0	<0.50						
1,2-Dichloroethane	10J0031			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethene	10J0031			ug/L	0.50	2.0	<0.50						
cis-1,2-Dichloroethene	10J0031			ug/L	0.50	2.0	<0.50						
trans-1,2-Dichloroethene	10J0031			ug/L	0.50	2.0	<0.50						
1,2-Dichloropropane	10J0031			ug/L	0.50	2.0	<0.50						
1,3-Dichloropropane	10J0031			ug/L	0.25	2.0	<0.25						
2,2-Dichloropropane	10J0031			ug/L	0.50	2.0	<0.50						
1,1-Dichloropropene	10J0031			ug/L	0.50	2.0	<0.50						
cis-1,3-Dichloropropene	10J0031			ug/L	0.20	2.0	<0.20						
trans-1,3-Dichloropropene	10J0031			ug/L	0.20	2.0	<0.20						
2,3-Dichloropropene	10J0031			ug/L	0.25	2.0	<0.25						
Isopropyl Ether	10J0031			ug/L	0.50	2.0	<0.50						
Ethylbenzene	10J0031			ug/L	0.50	2.0	<0.50						
Hexachlorobutadiene	10J0031			ug/L	0.50	2.0	<0.50						
Isopropylbenzene	10J0031			ug/L	0.20	2.0	<0.20						
p-Isopropyltoluene	10J0031			ug/L	0.20	2.0	<0.20						
Methylene Chloride	10J0031			ug/L	1.0	2.0	<1.0						
Methyl tert-Butyl Ether	10J0031			ug/L	0.50	2.0	<0.50						
Naphthalene	10J0031			ug/L	0.25	5.0	<0.25						
n-Propylbenzene	10J0031			ug/L	0.50	2.0	<0.50						
Styrene	10J0031			ug/L	0.50	5.0	<0.50						
1,1,1,2-Tetrachloroethane	10J0031			ug/L	0.25	2.0	<0.25						
1,1,2,2-Tetrachloroethane	10J0031			ug/L	0.20	2.0	<0.20						
Tetrachloroethene	10J0031			ug/L	0.50	2.0	<0.50						
Toluene	10J0031			ug/L	0.50	2.0	<0.50						
1,2,3-Trichlorobenzene	10J0031			ug/L	0.25	2.0	<0.25						
1,2,4-Trichlorobenzene	10J0031			ug/L	0.25	2.0	<0.25						
1,1,1-Trichloroethane	10J0031			ug/L	0.50	2.0	<0.50						
1,1,2-Trichloroethane	10J0031			ug/L	0.25	2.0	<0.25						
Trichloroethene	10J0031			ug/L	0.20	2.0	<0.20						
Trichlorofluoromethane	10J0031			ug/L	0.50	2.0	<0.50						
1,2,3-Trichloropropane	10J0031			ug/L	0.50	2.0	<0.50						
1,2,4-Trimethylbenzene	10J0031			ug/L	0.20	2.0	<0.20						
1,3,5-Trimethylbenzene	10J0031			ug/L	0.20	2.0	<0.20						
Vinyl chloride	10J0031			ug/L	0.20	2.0	<0.20						
Xylenes, Total	10J0031			ug/L	0.50	2.0	<0.50						

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## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Surrogate: Dibromoformmethane	10J0031			ug/L					96		80-120			
Surrogate: Toluene-d8	10J0031			ug/L					100		80-120			
Surrogate: 4-Bromofluorobenzene	10J0031			ug/L					99		80-120			
Benzene	10J0105			ug/L	0.20	2.0	<0.20							
Bromobenzene	10J0105			ug/L	0.20	2.0	<0.20							
Bromochloromethane	10J0105			ug/L	0.50	2.0	<0.50							
Bromodichloromethane	10J0105			ug/L	0.20	2.0	<0.20							
Bromoform	10J0105			ug/L	0.20	5.0	<0.20							
Bromomethane	10J0105			ug/L	0.50	5.0	<0.50							
n-Butylbenzene	10J0105			ug/L	0.20	2.0	<0.20							
scc-Butylbenzene	10J0105			ug/L	0.25	2.0	<0.25							
tert-Butylbenzene	10J0105			ug/L	0.20	2.0	<0.20							
Carbon Tetrachloride	10J0105			ug/L	0.80	2.0	<0.80							
Chlorobenzene	10J0105			ug/L	0.20	2.0	<0.20							
Chlorodibromomethane	10J0105			ug/L	0.20	2.0	<0.20							
Chloroethane	10J0105			ug/L	1.0	5.0	<1.0							
Chloroform	10J0105			ug/L	0.20	2.0	<0.20							
Chloromethane	10J0105			ug/L	0.30	2.0	<0.30							
2-Chlorotoluene	10J0105			ug/L	0.50	2.0	<0.50							
4-Chlorotoluene	10J0105			ug/L	0.20	2.0	<0.20							
1,2-Dibromo-3-chloropropane	10J0105			ug/L	0.50	2.0	<0.50							
1,2-Dibromoethane (EDB)	10J0105			ug/L	0.20	2.0	<0.20							
Dibromomethane	10J0105			ug/L	0.20	2.0	<0.20							
1,2-Dichlorobenzene	10J0105			ug/L	0.20	2.0	<0.20							
1,3-Dichlorobenzene	10J0105			ug/L	0.20	2.0	<0.20							
1,4-Dichlorobenzene	10J0105			ug/L	0.50	2.0	<0.50							
Dichlorodifluoromethane	10J0105			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethane	10J0105			ug/L	0.50	2.0	<0.50							
1,2-Dichloroethane	10J0105			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethene	10J0105			ug/L	0.50	2.0	<0.50							
cis-1,2-Dichloroethene	10J0105			ug/L	0.50	2.0	<0.50							
trans-1,2-Dichloroethene	10J0105			ug/L	0.50	2.0	<0.50							
1,2-Dichloropropane	10J0105			ug/L	0.50	2.0	<0.50							
1,3-Dichloropropane	10J0105			ug/L	0.25	2.0	<0.25							
2,2-Dichloropropane	10J0105			ug/L	0.50	2.0	<0.50							
1,1-Dichloropropene	10J0105			ug/L	0.50	2.0	<0.50							
cis-1,3-Dichloropropene	10J0105			ug/L	0.20	2.0	<0.20							
trans-1,3-Dichloropropene	10J0105			ug/L	0.20	2.0	<0.20							
2,3-Dichloropropene	10J0105			ug/L	0.25	2.0	<0.25							
Isopropyl Ether	10J0105			ug/L	0.50	2.0	<0.50							
Ethylbenzene	10J0105			ug/L	0.50	2.0	<0.50							
Hexachlorobutadiene	10J0105			ug/L	0.50	2.0	<0.50							
Isopropylbenzene	10J0105			ug/L	0.20	2.0	<0.20							
p-Isopropyltoluene	10J0105			ug/L	0.20	2.0	<0.20							

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## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Methylene Chloride	10J0105			ug/L	1.0	2.0	<1.0						
Methyl tert-Butyl Ether	10J0105			ug/L	0.50	2.0	<0.50						
Naphthalene	10J0105			ug/L	0.25	5.0	<0.25						
n-Propylbenzene	10J0105			ug/L	0.50	2.0	<0.50						
Styrene	10J0105			ug/L	0.50	5.0	<0.50						
1,1,1,2-Tetrachloroethane	10J0105			ug/L	0.25	2.0	<0.25						
1,1,2,2-Tetrachloroethane	10J0105			ug/L	0.20	2.0	<0.20						
Tetrachloroethene	10J0105			ug/L	0.50	2.0	<0.50						
Toluene	10J0105			ug/L	0.50	2.0	<0.50						
1,2,3-Trichlorobenzene	10J0105			ug/L	0.25	2.0	<0.25						
1,2,4-Trichlorobenzene	10J0105			ug/L	0.25	2.0	<0.25						
1,1,1-Trichloroethane	10J0105			ug/L	0.50	2.0	<0.50						
1,1,2-Trichloroethane	10J0105			ug/L	0.25	2.0	<0.25						
Trichloroethene	10J0105			ug/L	0.20	2.0	<0.20						
Trichlorofluoromethane	10J0105			ug/L	0.50	2.0	<0.50						
1,2,3-Trichloropropane	10J0105			ug/L	0.50	2.0	<0.50						
1,2,4-Trimethylbenzene	10J0105			ug/L	0.20	2.0	<0.20						
1,3,5-Trimethylbenzene	10J0105			ug/L	0.20	2.0	<0.20						
Vinyl chloride	10J0105			ug/L	0.20	2.0	<0.20						
Xylenes, Total	10J0105			ug/L	0.50	2.0	<0.50						
Surrogate: Dibromofluoromethane	10J0105			ug/L				97			80-120		
Surrogate: Toluene-d8	10J0105			ug/L				102			80-120		
Surrogate: 4-Bromo fluorobenzene	10J0105			ug/L				100			80-120		
Benzene	10J0106			ug/L	0.20	2.0	<0.20						
Bromobenzene	10J0106			ug/L	0.20	2.0	<0.20						
Bromochloromethane	10J0106			ug/L	0.50	2.0	<0.50						
Bromodichloromethane	10J0106			ug/L	0.20	2.0	<0.20						
Bromoform	10J0106			ug/L	0.20	5.0	<0.20						
Bromomethane	10J0106			ug/L	0.50	5.0	<0.50						
n-Butylbenzene	10J0106			ug/L	0.20	2.0	<0.20						
sec-Butylbenzene	10J0106			ug/L	0.25	2.0	<0.25						
tert-Butylbenzene	10J0106			ug/L	0.20	2.0	<0.20						
Carbon Tetrachloride	10J0106			ug/L	0.80	2.0	<0.80						
Chlorobenzene	10J0106			ug/L	0.20	2.0	<0.20						
Chlorodibromomethane	10J0106			ug/L	0.20	2.0	<0.20						
Chloroethane	10J0106			ug/L	1.0	5.0	<1.0						
Chloroform	10J0106			ug/L	0.20	2.0	<0.20						
Chloromethane	10J0106			ug/L	0.30	2.0	<0.30						
2-Chlorotoluene	10J0106			ug/L	0.50	2.0	<0.50						
4-Chlorotoluene	10J0106			ug/L	0.20	2.0	<0.20						
1,2-Dibromo-3-chloropropane	10J0106			ug/L	0.50	2.0	<0.50						
1,2-Dibromoethane (EDB)	10J0106			ug/L	0.20	2.0	<0.20						
Dibromomethane	10J0106			ug/L	0.20	2.0	<0.20						
1,2-Dichlorobenzene	10J0106			ug/L	0.20	2.0	<0.20						

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Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
1,3-Dichlorobenzene	10J0106			ug/L	0.20	2.0	<0.20						
1,4-Dichlorobenzene	10J0106			ug/L	0.50	2.0	<0.50						
Dichlorodifluoromethane	10J0106			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethane	10J0106			ug/L	0.50	2.0	<0.50						
1,2-Dichloroethane	10J0106			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethene	10J0106			ug/L	0.50	2.0	<0.50						
cis-1,2-Dichloroethene	10J0106			ug/L	0.50	2.0	<0.50						
trans-1,2-Dichloroethene	10J0106			ug/L	0.50	2.0	<0.50						
1,2-Dichloropropane	10J0106			ug/L	0.50	2.0	<0.50						
1,3-Dichloropropane	10J0106			ug/L	0.25	2.0	<0.25						
2,2-Dichloropropane	10J0106			ug/L	0.50	2.0	<0.50						
1,1-Dichloropropene	10J0106			ug/L	0.50	2.0	<0.50						
cis-1,3-Dichloropropene	10J0106			ug/L	0.20	2.0	<0.20						
trans-1,3-Dichloropropene	10J0106			ug/L	0.20	2.0	<0.20						
2,3-Dichloropropene	10J0106			ug/L	0.25	2.0	<0.25						
Isopropyl Ether	10J0106			ug/L	0.50	2.0	<0.50						
Ethylbenzene	10J0106			ug/L	0.50	2.0	<0.50						
Hexachlorobutadiene	10J0106			ug/L	0.50	2.0	<0.50						
Isopropylbenzene	10J0106			ug/L	0.20	2.0	<0.20						
p-Isopropyltoluene	10J0106			ug/L	0.20	2.0	<0.20						
Methylene Chloride	10J0106			ug/L	1.0	2.0	<1.0						
Methyltert-Butyl Ether	10J0106			ug/L	0.50	2.0	<0.50						
Naphthalene	10J0106			ug/L	0.25	5.0	0.300						J
n-Propylbenzene	10J0106			ug/L	0.50	2.0	<0.50						
Styrene	10J0106			ug/L	0.50	5.0	<0.50						
1,1,1,2-Tetrachloroethane	10J0106			ug/L	0.25	2.0	<0.25						
1,1,2,2-Tetrachloroethane	10J0106			ug/L	0.20	2.0	<0.20						
Tetrachloroethene	10J0106			ug/L	0.50	2.0	<0.50						
Toluene	10J0106			ug/L	0.50	2.0	<0.50						
1,2,3-Trichlorobenzene	10J0106			ug/L	0.25	2.0	<0.25						
1,2,4-Trichlorobenzene	10J0106			ug/L	0.25	2.0	<0.25						
1,1,1-Trichloroethane	10J0106			ug/L	0.50	2.0	<0.50						
1,1,2-Trichloroethane	10J0106			ug/L	0.25	2.0	<0.25						
Trichloroethene	10J0106			ug/L	0.20	2.0	<0.20						
Trichlorofluoromethane	10J0106			ug/L	0.50	2.0	<0.50						
1,2,3-Trichloropropane	10J0106			ug/L	0.50	2.0	<0.50						
1,2,4-Trimethylbenzene	10J0106			ug/L	0.20	2.0	<0.20						
1,3,5-Trimethylbenzene	10J0106			ug/L	0.20	2.0	<0.20						
Vinyl chloride	10J0106			ug/L	0.20	2.0	<0.20						
Xylenes, Total	10J0106			ug/L	0.50	2.0	<0.50						
Surrogate: Dibromofluoromethane	10J0106			ug/L				95		80-120			
Surrogate: Toluene-d8	10J0106			ug/L				99		80-120			
Surrogate: 4-Bromofluorobenzene	10J0106			ug/L				99		80-120			

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
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Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Benzene	10J0144			ug/L	0.20	2.0	<0.20						
Bromobenzene	10J0144			ug/L	0.20	2.0	<0.20						
Bromoform	10J0144			ug/L	0.50	2.0	<0.50						
Bromochloromethane	10J0144			ug/L	0.20	2.0	<0.20						
Bromodichloromethane	10J0144			ug/L	0.20	2.0	<0.20						
Bromoform	10J0144			ug/L	0.20	5.0	<0.20						
Bromomethane	10J0144			ug/L	0.50	5.0	<0.50						
n-Butylbenzene	10J0144			ug/L	0.20	2.0	<0.20						
sec-Butylbenzene	10J0144			ug/L	0.25	2.0	<0.25						
tert-Butylbenzene	10J0144			ug/L	0.20	2.0	<0.20						
Carbon Tetrachloride	10J0144			ug/L	0.80	2.0	<0.80						
Chlorobenzene	10J0144			ug/L	0.20	2.0	<0.20						
Chlorodibromomethane	10J0144			ug/L	0.20	2.0	<0.20						
Chloroethane	10J0144			ug/L	1.0	5.0	<1.0						
Chloroform	10J0144			ug/L	0.20	2.0	<0.20						
Chloromethane	10J0144			ug/L	0.30	2.0	<0.30						
2-Chlorotoluene	10J0144			ug/L	0.50	2.0	<0.50						
4-Chlorotoluene	10J0144			ug/L	0.20	2.0	<0.20						
1,2-Dibromo-3-chloropropane	10J0144			ug/L	0.50	2.0	<0.50						
1,2-Dibromoethane (EDB)	10J0144			ug/L	0.20	2.0	<0.20						
Dibromomethane	10J0144			ug/L	0.20	2.0	<0.20						
1,2-Dichlorobenzene	10J0144			ug/L	0.20	2.0	<0.20						
1,3-Dichlorobenzene	10J0144			ug/L	0.20	2.0	<0.20						
1,4-Dichlorobenzene	10J0144			ug/L	0.50	2.0	<0.50						
Dichlorodifluoromethane	10J0144			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethane	10J0144			ug/L	0.50	2.0	<0.50						
1,2-Dichloroethane	10J0144			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethene	10J0144			ug/L	0.50	2.0	<0.50						
cis-1,2-Dichloroethene	10J0144			ug/L	0.50	2.0	<0.50						
trans-1,2-Dichloroethene	10J0144			ug/L	0.50	2.0	<0.50						
1,2-Dichloropropane	10J0144			ug/L	0.50	2.0	<0.50						
1,3-Dichloropropane	10J0144			ug/L	0.25	2.0	<0.25						
2,2-Dichloropropane	10J0144			ug/L	0.50	2.0	<0.50						
1,1-Dichloropropene	10J0144			ug/L	0.50	2.0	<0.50						
cis-1,3-Dichloropropene	10J0144			ug/L	0.20	2.0	<0.20						
trans-1,3-Dichloropropene	10J0144			ug/L	0.20	2.0	<0.20						
2,3-Dichloropropene	10J0144			ug/L	0.25	2.0	<0.25						
Isopropyl Ether	10J0144			ug/L	0.50	2.0	<0.50						
Ethylbenzene	10J0144			ug/L	0.50	2.0	<0.50						
Hexachlorobutadiene	10J0144			ug/L	0.50	2.0	<0.50						
Isopropylbenzene	10J0144			ug/L	0.20	2.0	<0.20						
p-Isopropyltoluene	10J0144			ug/L	0.20	2.0	<0.20						
Methylene Chloride	10J0144			ug/L	1.0	2.0	<1.0						
Methyl tert-Butyl Ether	10J0144			ug/L	0.50	2.0	<0.50						
Naphthalene	10J0144			ug/L	0.25	5.0	0.360						
n-Propylbenzene	10J0144			ug/L	0.50	2.0	<0.50						J

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Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup Result	% REC	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Styrene	10J0144			ug/L	0.50	5.0	<0.50						
1,1,1,2-Tetrachloroethane	10J0144			ug/L	0.25	2.0	<0.25						
1,1,2,2-Tetrachloroethane	10J0144			ug/L	0.20	2.0	<0.20						
Tetrachloroethene	10J0144			ug/L	0.50	2.0	<0.50						
Toluene	10J0144			ug/L	0.50	2.0	<0.50						
1,2,3-Trichlorobenzene	10J0144			ug/L	0.25	2.0	<0.25						
1,2,4-Trichlorobenzene	10J0144			ug/L	0.25	2.0	<0.25						
1,1,1-Trichloroethane	10J0144			ug/L	0.50	2.0	<0.50						
1,1,2-Trichloroethane	10J0144			ug/L	0.25	2.0	<0.25						
Trichloroethene	10J0144			ug/L	0.20	2.0	<0.20						
Trichlorofluoromethane	10J0144			ug/L	0.50	2.0	<0.50						
1,2,3-Trichloropropane	10J0144			ug/L	0.50	2.0	<0.50						
1,2,4-Trimethylbenzene	10J0144			ug/L	0.20	2.0	<0.20						
1,3,5-Trimethylbenzene	10J0144			ug/L	0.20	2.0	<0.20						
Vinyl chloride	10J0144			ug/L	0.20	2.0	<0.20						
Xylenes, Total	10J0144			ug/L	0.50	2.0	<0.50						
Surrogate: Dibromofluoromethane	10J0144			ug/L				93		80-120			
Surrogate: Toluene-d8	10J0144			ug/L				101		80-120			
Surrogate: 4-Bromofluorobenzene	10J0144			ug/L				95		80-120			
Benzene	10J0188			ug/L	0.20	2.0	<0.20						
Bromobenzene	10J0188			ug/L	0.20	2.0	<0.20						
Bromochloromethane	10J0188			ug/L	0.50	2.0	<0.50						
Bromodichloromethane	10J0188			ug/L	0.20	2.0	<0.20						
Bromoform	10J0188			ug/L	0.20	5.0	<0.20						
Bromomethane	10J0188			ug/L	0.50	5.0	<0.50						
n-Butylbenzene	10J0188			ug/L	0.20	2.0	<0.20						
sec-Butylbenzene	10J0188			ug/L	0.25	2.0	<0.25						
tert-Butylbenzene	10J0188			ug/L	0.20	2.0	<0.20						
Carbon Tetrachloride	10J0188			ug/L	0.80	2.0	<0.80						
Chlorobenzene	10J0188			ug/L	0.20	2.0	<0.20						
Chlorodibromomethane	10J0188			ug/L	0.20	2.0	<0.20						
Chloroethane	10J0188			ug/L	1.0	5.0	<1.0						
Chloroform	10J0188			ug/L	0.20	2.0	<0.20						
Chloromethane	10J0188			ug/L	0.30	2.0	<0.30						
2-Chlorotoluene	10J0188			ug/L	0.50	2.0	<0.50						
4-Chlorotoluene	10J0188			ug/L	0.20	2.0	<0.20						
1,2-Dibromo-3-chloropropane	10J0188			ug/L	0.50	2.0	<0.50						
1,2-Dibromoethane (EDB)	10J0188			ug/L	0.20	2.0	<0.20						
Dibromomethane	10J0188			ug/L	0.20	2.0	<0.20						
1,2-Dichlorobenzene	10J0188			ug/L	0.20	2.0	<0.20						
1,3-Dichlorobenzene	10J0188			ug/L	0.20	2.0	<0.20						
1,4-Dichlorobenzene	10J0188			ug/L	0.50	2.0	<0.50						
Dichlorodifluoromethane	10J0188			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethane	10J0188			ug/L	0.50	2.0	<0.50						

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111 W. Pleasant Street, Suite 105  
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Work Order: WT10984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
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## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
1,2-Dichloroethane	10J0188			ug/L	0.50	2.0	<0.50						
1,1-Dichloroethene	10J0188			ug/L	0.50	2.0	<0.50						
cis-1,2-Dichloroethene	10J0188			ug/L	0.50	2.0	<0.50						
trans-1,2-Dichloroethene	10J0188			ug/L	0.50	2.0	<0.50						
1,2-Dichloropropane	10J0188			ug/L	0.50	2.0	<0.50						
1,3-Dichloropropane	10J0188			ug/L	0.25	2.0	<0.25						
2,2-Dichloropropane	10J0188			ug/L	0.50	2.0	<0.50						
1,1-Dichloropropene	10J0188			ug/L	0.50	2.0	<0.50						
cis-1,3-Dichloropropene	10J0188			ug/L	0.20	2.0	<0.20						
trans-1,3-Dichloropropene	10J0188			ug/L	0.20	2.0	<0.20						
2,3-Dichloropropene	10J0188			ug/L	0.25	2.0	<0.25						
Isopropyl Ether	10J0188			ug/L	0.50	2.0	<0.50						
Ethylbenzene	10J0188			ug/L	0.50	2.0	<0.50						
Hexachlorobutadiene	10J0188			ug/L	0.50	2.0	<0.50						
Isopropylbenzene	10J0188			ug/L	0.20	2.0	<0.20						
p-Isopropyltoluene	10J0188			ug/L	0.20	2.0	<0.20						
Methylene Chloride	10J0188			ug/L	1.0	2.0	<1.0						
Methyl tert-Butyl Ether	10J0188			ug/L	0.50	2.0	<0.50						
Naphthalene	10J0188			ug/L	0.25	5.0	<0.25						
n-Propylbenzene	10J0188			ug/L	0.50	2.0	<0.50						
Styrene	10J0188			ug/L	0.50	5.0	<0.50						
1,1,1,2-Tetrachloroethane	10J0188			ug/L	0.25	2.0	<0.25						
1,1,2,2-Tetrachloroethane	10J0188			ug/L	0.20	2.0	<0.20						
Tetrachloroethene	10J0188			ug/L	0.50	2.0	<0.50						
Toluene	10J0188			ug/L	0.50	2.0	<0.50						
1,2,3-Trichlorobenzene	10J0188			ug/L	0.25	2.0	<0.25						
1,2,4-Trichlorobenzene	10J0188			ug/L	0.25	2.0	<0.25						
1,1,1-Trichloroethane	10J0188			ug/L	0.50	2.0	<0.50						
1,1,2-Trichloroethane	10J0188			ug/L	0.25	2.0	<0.25						
Trichloroethene	10J0188			ug/L	0.20	2.0	<0.20						
Trichloroform	10J0188			ug/L	0.50	2.0	<0.50						
1,2,3-Trichloropropane	10J0188			ug/L	0.50	2.0	<0.50						
1,2,4-Trimethylbenzene	10J0188			ug/L	0.20	2.0	<0.20						
1,3,5-Trimethylbenzene	10J0188			ug/L	0.20	2.0	<0.20						
Vinyl chloride	10J0188			ug/L	0.20	2.0	<0.20						
Xylenes, Total	10J0188			ug/L	0.50	2.0	<0.50						
Surrogate: Dibromoform	10J0188			ug/L				85		80-120			
Surrogate: Toluene-d8	10J0188			ug/L				104		80-120			
Surrogate: 4-Bromofluorobenzene	10J0188			ug/L				94		80-120			

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Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
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## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
<b>General Chemistry Parameters</b>													
Total Organic Carbon	10J2570			mg/L	0.500	1.00	<0.500						
<b>Methane, Ethane, and Ethene by GC</b>													
Ethane	10J1285			ug/L	14.0	26.0	<14.0						
Ethene	10J1285			ug/L	11.0	26.0	<11.0						
Methane	10J1285			ug/L	15.0	26.0	<15.0						
Surrogate: Acetylene	10J1285			ug/L				92		70-122			
Surrogate: Acetylene	10J1285			ug/L				92		70-122			
Surrogate: Acetylene	10J1285			ug/L				92		70-122			

# TestAmerica

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111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
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Work Order: WTI0984  
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Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>													
QC Source Sample: NTJ0763-02													
Total Organic Carbon	10J2570	2.85		mg/L	0.500	1.00	2.91				2	20	

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
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## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>														
Alkalinity, Total (CaCO <sub>3</sub> )	10J0280		100	mg/L	20	25	93.0		93		90-110			
Nitrate/Nitrite as N	10J0490		3.0	mg/L	0.024	0.25	3.05		102		90-110			
Sulfate	10J0778		50	mg/L	1.5	5.0	47.2		94		90-110			
<b>General Chemistry Parameters</b>														
Total Organic Carbon	10J2570		10.0	mg/L	0.500	1.00	10.6	10.7	106	107	90-110	1	20	
<b>Methane, Ethane, and Ethene by GC</b>														
Ethane	10J1285		521	ug/L	14.0	26.0	439	425	84	82	80-120	3	20	
Ethene	10J1285		488	ug/L	11.0	26.0	412	396	84	81	80-120	4	20	
Methane	10J1285		278	ug/L	15.0	26.0	235	228	85	82	80-120	3	20	
<i>Surrogate: Acetylene</i>	10J1285			ug/L					79	72	70-122			
<i>Surrogate: Acetylene</i>	10J1285			ug/L					79	72	70-122			
<i>Surrogate: Acetylene</i>	10J1285			ug/L					79	72	70-122			

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## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>														
<b>QC Source Sample: WTI0985-03</b>														
Alkalinity, Total (CaCO <sub>3</sub> )	10J0280	<20	100	mg/L	20	25	204	200	204	200	47-136	2	24	
<b>QC Source Sample: WTI0984-04</b>														
Nitrate/Nitrite as N	10J0490	1.06	3.0	mg/L	0.024	0.25	3.96		97		67-126			
<b>QC Source Sample: WTJ0272-03</b>														
Sulfate	10J0778	192	100	mg/L	60	20	301	301	109	109	66-132	0	22	
<b>Metals Dissolved</b>														
<b>QC Source Sample: WTJ0895-01</b>														
Manganese	10J0794	0.0600	1.0	mg/L	0.0050	0.050	1.19	1.16	113	110	75-125	3	20	
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WTI0984-01</b>														
Benzene	10J0030	<0.20	50	ug/L	0.20	2.0	52.0	53.6	104	107	80-120	3	20	
Bromobenzene	10J0030	<0.20	50	ug/L	0.20	2.0	43.5	45.9	87	92	80-120	5	24	
Bromochloromethane	10J0030	<0.50	50	ug/L	0.50	2.0	46.0	49.4	92	99	80-120	7	14	
Bromodichloromethane	10J0030	<0.20	50	ug/L	0.20	2.0	46.9	49.9	94	100	80-120	6	19	
Bromoform	10J0030	<0.20	50	ug/L	0.20	5.0	41.1	50.1	82	100	80-120	20	26	
Bromomethane	10J0030	<0.50	50	ug/L	0.50	5.0	44.5	52.2	89	104	60-140	16	18	
n-Butylbenzene	10J0030	<0.20	50	ug/L	0.20	2.0	53.5	54.7	107	109	80-120	2	19	
sec-Butylbenzene	10J0030	<0.25	50	ug/L	0.25	2.0	52.8	54.0	106	108	80-120	2	19	
tert-Butylbenzene	10J0030	<0.20	50	ug/L	0.20	2.0	51.4	52.7	103	105	80-120	2	17	
Carbon Tetrachloride	10J0030	<0.80	50	ug/L	0.80	2.0	51.8	52.6	104	105	60-140	1	17	
Chlorobenzene	10J0030	<0.20	50	ug/L	0.20	2.0	45.9	48.1	92	96	80-120	5	16	
Chlorodibromomethane	10J0030	<0.20	50	ug/L	0.20	2.0	44.7	49.3	89	99	80-120	10	23	
Chloroethane	10J0030	<1.0	50	ug/L	1.0	5.0	41.8	50.8	84	102	60-140	19	17	R2
Chloroform	10J0030	<0.20	50	ug/L	0.20	2.0	50.4	52.6	101	105	80-120	4	14	
Chloromethane	10J0030	<0.30	50	ug/L	0.30	2.0	45.7	47.2	91	94	60-140	3	16	
2-Chlorotoluene	10J0030	<0.50	50	ug/L	0.50	2.0	45.7	47.8	91	96	80-120	5	26	
4-Chlorotoluene	10J0030	<0.20	50	ug/L	0.20	2.0	47.7	49.5	95	99	80-120	4	26	
1,2-Dibromo-3-chloropropane	10J0030	<0.50	50	ug/L	0.50	2.0	41.1	59.4	82	119	60-140	37	26	R2
1,2-Dibromoethane (EDB)	10J0030	<0.20	50	ug/L	0.20	2.0	43.1	50.6	86	101	80-120	16	19	
Dibromomethane	10J0030	<0.20	50	ug/L	0.20	2.0	37.0	42.5	74	85	80-120	14	26	
1,2-Dichlorobenzene	10J0030	<0.20	50	ug/L	0.20	2.0	48.8	51.6	98	103	80-120	6	23	
1,3-Dichlorobenzene	10J0030	<0.20	50	ug/L	0.20	2.0	47.2	48.8	94	98	80-120	3	21	
1,4-Dichlorobenzene	10J0030	<0.50	50	ug/L	0.50	2.0	47.5	49.4	95	99	80-120	4	21	
Dichlorodifluoromethane	10J0030	<0.50	50	ug/L	0.50	2.0	46.2	47.8	92	96	60-140	3	19	
1,1-Dichloroethane	10J0030	<0.50	50	ug/L	0.50	2.0	52.9	53.9	106	108	80-120	2	18	
1,2-Dichloroethane	10J0030	<0.50	50	ug/L	0.50	2.0	50.5	54.1	101	108	80-120	7	19	
1,1-Dichloroethene	10J0030	<0.50	50	ug/L	0.50	2.0	50.0	52.3	100	105	80-120	4	18	
cis-1,2-Dichloroethene	10J0030	<0.50	50	ug/L	0.50	2.0	51.5	53.4	103	107	80-120	4	17	
trans-1,2-Dichloroethene	10J0030	<0.50	50	ug/L	0.50	2.0	51.9	52.9	104	106	80-120	2	23	
1,2-Dichloropropane	10J0030	<0.50	50	ug/L	0.50	2.0	46.4	48.5	93	97	80-120	4	18	
1,3-Dichloropropane	10J0030	<0.25	50	ug/L	0.25	2.0	43.6	48.6	87	97	80-120	11	24	
2,2-Dichloropropane	10J0030	<0.50	50	ug/L	0.50	2.0	56.8	57.5	114	115	60-140	1	16	
1,1-Dichloropropene	10J0030	<0.50	50	ug/L	0.50	2.0	56.5	57.4	113	115	80-120	2	16	
cis-1,3-Dichloropropene	10J0030	<0.20	50	ug/L	0.20	2.0	47.8	50.9	96	102	80-120	6	20	
trans-1,3-Dichloropropene	10J0030	<0.20	50	ug/L	0.20	2.0	47.9	52.3	96	105	80-120	9	26	
Isopropyl Ether	10J0030	<0.50	50	ug/L	0.50	2.0	49.6	52.6	99	105	80-120	6	20	

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Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
<b>QC Source Sample: WTI0984-01</b>													
Ethylbenzene	10J0030	<0.50	50	ug/L	0.50	2.0	46.3	47.8	93	96	80-120	3	16
Hexachlorobutadiene	10J0030	<0.50	50	ug/L	0.50	2.0	49.0	48.5	98	97	60-140	1	20
Isopropylbenzene	10J0030	<0.20	50	ug/L	0.20	2.0	47.7	49.2	95	98	80-120	3	22
p-Isopropyltoluene	10J0030	<0.20	50	ug/L	0.20	2.0	38.5	39.8	77	80	80-120	3	20
Methylene Chloride	10J0030	<1.0	50	ug/L	1.0	2.0	47.9	51.5	96	103	80-120	7	24
Methyl tert-Butyl Ether	10J0030	<0.50	50	ug/L	0.50	2.0	44.6	53.3	89	107	80-120	18	18
Naphthalene	10J0030	<0.25	50	ug/L	0.25	5.0	44.0	61.1	88	122	60-140	32	24
n-Propylbenzene	10J0030	<0.50	50	ug/L	0.50	2.0	45.5	47.3	91	95	80-120	4	23
Styrene	10J0030	<0.50	50	ug/L	0.50	5.0	47.0	49.1	94	98	80-120	4	14
1,1,1,2-Tetrachloroethane	10J0030	<0.25	50	ug/L	0.25	2.0	45.3	47.8	91	96	80-120	5	17
1,1,2,2-Tetrachloroethane	10J0030	<0.20	50	ug/L	0.20	2.0	44.1	55.3	88	111	80-120	22	26
Tetrachloroethene	10J0030	<0.50	50	ug/L	0.50	2.0	43.9	45.9	88	92	80-120	5	18
Toluene	10J0030	<0.50	50	ug/L	0.50	2.0	48.2	49.8	96	100	80-120	3	18
1,2,3-Trichlorobenzene	10J0030	<0.25	50	ug/L	0.25	2.0	44.4	54.6	89	109	80-120	21	24
1,2,4-Trichlorobenzene	10J0030	<0.25	50	ug/L	0.25	2.0	46.7	52.0	93	104	80-120	11	21
1,1,1-Trichloroethane	10J0030	<0.50	50	ug/L	0.50	2.0	55.4	56.0	111	112	80-120	1	19
1,1,2-Trichloroethane	10J0030	<0.25	50	ug/L	0.25	2.0	41.8	47.5	84	95	80-120	13	28
Trichloroethene	10J0030	0.890	50	ug/L	0.20	2.0	44.6	45.7	87	90	80-120	2	18
Trichlorofluoromethane	10J0030	<0.50	50	ug/L	0.50	2.0	44.8	48.9	90	98	80-120	9	19
1,2,3-Trichloropropane	10J0030	<0.50	50	ug/L	0.50	2.0	38.0	49.0	76	98	80-120	25	26
1,2,4-Trimethylbenzene	10J0030	<0.20	50	ug/L	0.20	2.0	46.3	48.0	93	96	80-120	4	24
1,3,5-Trimethylbenzene	10J0030	<0.20	50	ug/L	0.20	2.0	46.4	48.0	93	96	80-120	3	24
Vinyl chloride	10J0030	<0.20	50	ug/L	0.20	2.0	49.4	51.1	99	102	80-120	3	17
Xylenes, Total	10J0030	<0.50	150	ug/L	0.50	2.0	138	143	92	96	80-120	4	13
Surrogate: Dibromoform	10J0030			ug/L					117	116	80-120		
Surrogate: Toluene-d8	10J0030			ug/L					108	107	80-120		
Surrogate: 4-Bromofluorobenzene	10J0030			ug/L					101	100	80-120		
<b>QC Source Sample: WTI0984-10</b>													
Benzene	10J0031	<0.20	500	ug/L	2.0	20	520	499	104	100	80-120	4	20
Bromobenzene	10J0031	<0.20	500	ug/L	2.0	20	544	519	109	104	80-120	5	24
Bromochloromethane	10J0031	<0.50	500	ug/L	5.0	20	503	484	101	97	80-120	4	14
Bromodichloromethane	10J0031	<0.20	500	ug/L	2.0	20	513	492	103	98	80-120	4	19
Bromoform	10J0031	<0.20	500	ug/L	2.0	50	515	498	103	100	80-120	3	26
Bromomethane	10J0031	<0.50	500	ug/L	5.0	50	470	463	94	93	60-140	1	18
n-Butylbenzene	10J0031	<0.20	500	ug/L	2.0	20	530	511	106	102	80-120	4	19
sec-Butylbenzene	10J0031	<0.25	500	ug/L	2.5	20	542	522	108	104	80-120	4	19
tert-Butylbenzene	10J0031	<0.20	500	ug/L	2.0	20	547	527	109	105	80-120	4	17
Carbon Tetrachloride	10J0031	<0.80	500	ug/L	8.0	20	513	495	103	99	60-140	3	17
Chlorobenzene	10J0031	<0.20	500	ug/L	2.0	20	522	495	104	99	80-120	5	16
Chlorodibromomethane	10J0031	<0.20	500	ug/L	2.0	20	527	503	105	101	80-120	5	23
Chloroethane	10J0031	<1.0	500	ug/L	10	50	482	467	96	93	60-140	3	17
Chloroform	10J0031	<0.20	500	ug/L	2.0	20	509	488	102	98	80-120	4	14
Chloromethane	10J0031	<0.30	500	ug/L	3.0	20	507	487	101	97	60-140	4	16
2-Chlorotoluene	10J0031	<0.50	500	ug/L	5.0	20	558	526	112	105	80-120	6	26
4-Chlorotoluene	10J0031	<0.20	500	ug/L	2.0	20	542	515	108	103	80-120	5	26

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Project Number: 108495

Received: 09/29/10  
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## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WT10984-10</b>														
1,2-Dibromo-3-chloropropane	10J003I	<0.50	500	ug/L	5.0	20	424	437	85	87	60-140	3	26	
1,2-Dibromoethane (EDB)	10J003I	<0.20	500	ug/L	2.0	20	493	478	99	96	80-120	3	19	
Dibromomethane	10J003I	<0.20	500	ug/L	2.0	20	488	471	98	94	80-120	3	26	
1,2-Dichlorobenzene	10J003I	<0.20	500	ug/L	2.0	20	514	496	103	99	80-120	4	23	
1,3-Dichlorobenzene	10J003I	<0.20	500	ug/L	2.0	20	521	505	104	101	80-120	3	21	
1,4-Dichlorobenzene	10J003I	<0.50	500	ug/L	5.0	20	505	488	101	98	80-120	3	21	
Dichlorodifluoromethane	10J003I	<0.50	500	ug/L	5.0	20	495	471	99	94	60-140	5	19	
1,1-Dichloroethane	10J003I	<0.50	500	ug/L	5.0	20	525	506	105	101	80-120	4	18	
1,2-Dichloroethane	10J003I	<0.50	500	ug/L	5.0	20	499	476	100	95	80-120	5	19	
1,1-Dichloroethene	10J003I	<0.50	500	ug/L	5.0	20	529	511	106	102	80-120	3	18	
cis-1,2-Dichloroethene	10J003I	1010	500	ug/L	5.0	20	1600	1510	118	101	80-120	5	17	
trans-1,2-Dichloroethene	10J003I	822	500	ug/L	5.0	20	1440	1390	123	113	80-120	4	23	
1,2-Dichloropropane	10J003I	<0.50	500	ug/L	5.0	20	515	491	103	98	80-120	5	18	
1,3-Dichloropropane	10J003I	<0.25	500	ug/L	2.5	20	485	470	97	94	80-120	3	24	
2,2-Dichloropropane	10J003I	<0.50	500	ug/L	5.0	20	523	507	105	101	60-140	3	16	
1,1-Dichloropropene	10J003I	<0.50	500	ug/L	5.0	20	550	524	110	105	80-120	5	16	
cis-1,3-Dichloropropene	10J003I	<0.20	500	ug/L	2.0	20	525	505	105	101	80-120	4	20	
trans-1,3-Dichloropropene	10J003I	<0.20	500	ug/L	2.0	20	523	506	105	101	80-120	3	26	
Isopropyl Ether	10J003I	<0.50	500	ug/L	5.0	20	498	480	100	96	80-120	4	20	
Ethylbenzene	10J003I	<0.50	500	ug/L	5.0	20	544	512	109	102	80-120	6	16	
Hexachlorobutadiene	10J003I	<0.50	500	ug/L	5.0	20	559	541	112	108	60-140	3	20	
Isopropylbenzene	10J003I	<0.20	500	ug/L	2.0	20	571	540	114	108	80-120	6	22	
p-Isopropyltoluene	10J003I	<0.20	500	ug/L	2.0	20	566	540	113	108	80-120	5	20	
Methylene Chloride	10J003I	<1.0	500	ug/L	10	20	500	482	100	96	80-120	4	24	
Methyl tert-Butyl Ether	10J003I	<0.50	500	ug/L	5.0	20	469	460	94	92	80-120	2	18	
Naphthalene	10J003I	<0.25	500	ug/L	2.5	50	436	444	87	89	60-140	2	24	
n-Propylbenzene	10J003I	<0.50	500	ug/L	5.0	20	567	537	113	107	80-120	5	23	
Styrene	10J003I	<0.50	500	ug/L	5.0	50	554	525	111	105	80-120	5	14	
1,1,1,2-Tetrachloroethane	10J003I	<0.25	500	ug/L	2.5	20	547	516	109	103	80-120	6	17	
1,1,2,2-Tetrachloroethane	10J003I	<0.20	500	ug/L	2.0	20	426	426	85	85	80-120	0	26	
Tetrachloroethene	10J003I	171	500	ug/L	5.0	20	751	714	116	109	80-120	5	18	
Toluene	10J003I	<0.50	500	ug/L	5.0	20	526	501	105	100	80-120	5	18	
1,2,3-Trichlorobenzene	10J003I	<0.25	500	ug/L	2.5	20	474	475	95	95	80-120	0	24	
1,2,4-Trichlorobenzene	10J003I	<0.25	500	ug/L	2.5	20	509	506	102	101	80-120	1	21	
1,1,1-Trichloroethane	10J003I	<0.50	500	ug/L	5.0	20	559	535	112	107	80-120	4	19	
1,1,2-Trichloroethane	10J003I	<0.25	500	ug/L	2.5	20	492	475	98	95	80-120	4	28	
Trichloroethene	10J003I	54.6	500	ug/L	2.0	20	602	577	109	105	80-120	4	18	
Trichlorofluoromethane	10J003I	<0.50	500	ug/L	5.0	20	480	465	96	93	80-120	3	19	
1,2,3-Trichloropropane	10J003I	<0.50	500	ug/L	5.0	20	452	442	90	88	80-120	2	26	
1,2,4-Trimethylbenzene	10J003I	<0.20	500	ug/L	2.0	20	550	523	110	105	80-120	5	24	
1,3,5-Trimethylbenzene	10J003I	<0.20	500	ug/L	2.0	20	560	531	112	106	80-120	5	24	
Vinyl chloride	10J003I	<0.20	500	ug/L	2.0	20	526	515	105	103	80-120	2	17	
Xylenes, Total	10J003I	<0.50	1500	ug/L	5.0	20	1640	1560	109	104	80-120	5	13	
Surrogate: Dibromofluoromethane	10J003I			ug/L					99	99	80-120			
Surrogate: Toluene-d8	10J003I			ug/L					100	100	80-120			

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Received: 09/29/10  
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## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup Result	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
QC Source Sample: WTI0984-10														
Surrogate: 4-Bromofluorobenzene														
QC Source Sample: WTI0984-05														
Benzene	10J0105	<0.20	50	ug/L	0.20	2.0	49.2	50.5	98	101	80-120	3	20	
Bromobenzene	10J0105	<0.20	50	ug/L	0.20	2.0	48.6	50.8	97	102	80-120	4	24	
Bromoform	10J0105	<0.20	50	ug/L	0.20	2.0	48.8	50.6	98	101	80-120	4	19	
Bromochloromethane	10J0105	<0.50	50	ug/L	0.50	2.0	46.7	47.5	93	95	80-120	2	14	
Bromodichloromethane	10J0105	<0.20	50	ug/L	0.20	2.0	48.8	50.4	101	105	80-120	4	26	
Bromomethane	10J0105	<0.50	50	ug/L	0.50	5.0	50.2	48.7	100	97	60-140	3	18	
n-Butylbenzene	10J0105	<0.20	50	ug/L	0.20	2.0	50.0	52.9	100	106	80-120	6	19	
sec-Butylbenzene	10J0105	<0.25	50	ug/L	0.25	2.0	50.2	53.0	100	106	80-120	6	19	
tert-Butylbenzene	10J0105	<0.20	50	ug/L	0.20	2.0	49.2	52.1	98	104	80-120	6	17	
Carbon Tetrachloride	10J0105	<0.80	50	ug/L	0.80	2.0	48.9	50.1	98	100	60-140	2	17	
Chlorobenzene	10J0105	<0.20	50	ug/L	0.20	2.0	47.6	49.7	95	99	80-120	4	16	
Chlorodibromomethane	10J0105	<0.20	50	ug/L	0.20	2.0	49.7	51.4	99	103	80-120	3	23	
Chloroethane	10J0105	<1.0	50	ug/L	1.0	5.0	48.3	49.5	97	99	60-140	2	17	
Chloroform	10J0105	<0.20	50	ug/L	0.20	2.0	47.3	49.1	95	98	80-120	4	14	
Chloromethane	10J0105	<0.30	50	ug/L	0.30	2.0	48.0	49.1	96	98	60-140	2	16	
2-Chlorotoluene	10J0105	<0.50	50	ug/L	0.50	2.0	50.0	52.3	100	105	80-120	5	26	
4-Chlorotoluene	10J0105	<0.20	50	ug/L	0.20	2.0	49.9	52.6	100	105	80-120	5	26	
1,2-Dibromo-3-chloropropane	10J0105	<0.50	50	ug/L	0.50	2.0	46.8	48.3	94	97	60-140	3	26	
1,2-Dibromoethane (EDB)	10J0105	<0.20	50	ug/L	0.20	2.0	46.5	48.5	93	97	80-120	4	19	
Dibromomethane	10J0105	<0.20	50	ug/L	0.20	2.0	45.6	47.5	91	95	80-120	4	26	
1,2-Dichlorobenzene	10J0105	<0.20	50	ug/L	0.20	2.0	47.8	50.2	96	100	80-120	5	23	
1,3-Dichlorobenzene	10J0105	<0.20	50	ug/L	0.20	2.0	47.7	50.2	95	100	80-120	5	21	
1,4-Dichlorobenzene	10J0105	<0.50	50	ug/L	0.50	2.0	46.9	49.1	94	98	80-120	5	21	
Dichlorodifluoromethane	10J0105	<0.50	50	ug/L	0.50	2.0	50.4	51.9	101	104	60-140	3	19	
1,1-Dichloroethane	10J0105	<0.50	50	ug/L	0.50	2.0	49.8	51.0	100	102	80-120	2	18	
1,2-Dichloroethane	10J0105	<0.50	50	ug/L	0.50	2.0	47.6	48.9	95	98	80-120	3	19	
1,1-Dichloroethene	10J0105	<0.50	50	ug/L	0.50	2.0	52.3	53.4	105	107	80-120	2	18	
cis-1,2-Dichloroethene	10J0105	<0.50	50	ug/L	0.50	2.0	49.1	50.6	98	101	80-120	3	17	
trans-1,2-Dichloroethene	10J0105	<0.50	50	ug/L	0.50	2.0	51.1	52.4	102	105	80-120	2	23	
1,2-Dichloropropane	10J0105	<0.50	50	ug/L	0.50	2.0	48.1	50.2	96	100	80-120	4	18	
1,3-Dichloropropane	10J0105	<0.25	50	ug/L	0.25	2.0	47.7	49.2	95	98	80-120	3	24	
2,2-Dichloropropane	10J0105	<0.50	50	ug/L	0.50	2.0	51.8	53.1	104	106	60-140	3	16	
1,1-Dichloropropene	10J0105	<0.50	50	ug/L	0.50	2.0	52.7	54.0	105	108	80-120	2	16	
cis-1,3-Dichloropropene	10J0105	<0.20	50	ug/L	0.20	2.0	50.0	52.1	100	104	80-120	4	20	
trans-1,3-Dichloropropene	10J0105	<0.20	50	ug/L	0.20	2.0	50.2	52.0	100	104	80-120	3	26	
Isopropyl Ether	10J0105	<0.50	50	ug/L	0.50	2.0	47.5	48.8	95	98	80-120	3	20	
Ethylbenzene	10J0105	<0.50	50	ug/L	0.50	2.0	49.7	51.6	99	103	80-120	4	16	
Hexachlorobutadiene	10J0105	<0.50	50	ug/L	0.50	2.0	48.9	51.5	98	103	60-140	5	20	
Isopropylbenzene	10J0105	<0.20	50	ug/L	0.20	2.0	52.2	54.3	104	109	80-120	4	22	
p-Isopropyltoluene	10J0105	<0.20	50	ug/L	0.20	2.0	52.3	55.0	105	110	80-120	5	20	
Methylene Chloride	10J0105	<1.0	50	ug/L	1.0	2.0	47.3	49.3	95	99	80-120	4	24	
Methyl tert-Butyl Ether	10J0105	<0.50	50	ug/L	0.50	2.0	45.5	47.3	91	95	80-120	4	18	
Naphthalene	10J0105	0.470	50	ug/L	0.25	5.0	44.7	46.8	88	93	60-140	5	24	

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Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
QC Source Sample: WTI0984-05														
n-Propylbenzene	10J0105	<0.50	50	ug/L	0.50	2.0	51.3	53.8	103	108	80-120	5	23	
Styrene	10J0105	<0.50	50	ug/L	0.50	5.0	51.0	53.0	102	106	80-120	4	14	
1,1,2-Tetrachloroethane	10J0105	<0.25	50	ug/L	0.25	2.0	48.9	51.2	98	102	80-120	5	17	
1,1,2,2-Tetrachloroethane	10J0105	<0.20	50	ug/L	0.20	2.0	45.0	46.7	90	93	80-120	4	26	
Tetrachloroethene	10J0105	<0.50	50	ug/L	0.50	2.0	50.0	51.7	100	103	80-120	3	18	
Toluene	10J0105	<0.50	50	ug/L	0.50	2.0	49.0	50.8	98	102	80-120	4	18	
1,2,3-Trichlorobenzene	10J0105	<0.25	50	ug/L	0.25	2.0	46.0	48.4	92	97	80-120	5	24	
1,2,4-Trichlorobenzene	10J0105	<0.25	50	ug/L	0.25	2.0	47.1	49.6	94	99	80-120	5	21	
1,1,1-Trichloroethane	10J0105	<0.50	50	ug/L	0.50	2.0	51.2	52.8	102	106	80-120	3	19	
1,1,2-Trichloroethane	10J0105	<0.25	50	ug/L	0.25	2.0	47.2	49.0	94	98	80-120	4	28	
Trichloroethene	10J0105	<0.20	50	ug/L	0.20	2.0	48.9	50.6	98	101	80-120	3	18	
Trichlorofluoromethane	10J0105	<0.50	50	ug/L	0.50	2.0	50.5	50.5	101	101	80-120	0	19	
1,2,3-Trichloropropane	10J0105	<0.50	50	ug/L	0.50	2.0	46.8	48.4	94	97	80-120	3	26	
1,2,4-Trimethylbenzene	10J0105	0.460	50	ug/L	0.20	2.0	50.6	53.2	100	106	80-120	5	24	
1,3,5-Trimethylbenzene	10J0105	<0.20	50	ug/L	0.20	2.0	51.5	53.9	103	108	80-120	5	24	
Vinyl chloride	10J0105	<0.20	50	ug/L	0.20	2.0	51.5	52.5	103	105	80-120	2	17	
Xylenes, Total	10J0105	<0.50	150	ug/L	0.50	2.0	149	155	99	103	80-120	4	13	
Surrogate: Dibromofluoromethane	10J0105			ug/L					99	99	80-120			
Surrogate: Toluene-d8	10J0105			ug/L					101	101	80-120			
Surrogate: 4-Bromofluorobenzene	10J0105			ug/L					104	103	80-120			
QC Source Sample: WTI0984-12														
Benzene	10J0106	39.0	200	ug/L	0.80	8.0	216	230	89	95	80-120	6	20	
Bromobenzene	10J0106	<0.20	200	ug/L	0.80	8.0	207	220	104	110	80-120	6	24	
Bromoform	10J0106	<0.50	200	ug/L	2.0	8.0	188	201	94	100	80-120	6	14	
Bromodichloromethane	10J0106	<0.20	200	ug/L	0.80	8.0	197	209	98	104	80-120	6	19	
Bromoform	10J0106	<0.20	200	ug/L	0.80	20	219	223	110	112	80-120	2	26	
Bromomethane	10J0106	<0.50	200	ug/L	2.0	20	153	173	76	86	60-140	12	18	
n-Butylbenzene	10J0106	<0.20	200	ug/L	0.80	8.0	204	214	102	107	80-120	5	19	
sec-Butylbenzene	10J0106	<0.25	200	ug/L	1.0	8.0	201	213	101	107	80-120	6	19	
tert-Butylbenzene	10J0106	<0.20	200	ug/L	0.80	8.0	203	215	101	108	80-120	6	17	
Carbon Tetrachloride	10J0106	<0.80	200	ug/L	3.2	8.0	185	196	93	98	60-140	5	17	
Chlorobenzene	10J0106	<0.20	200	ug/L	0.80	8.0	198	209	99	105	80-120	6	16	
Chlorodibromomethane	10J0106	<0.20	200	ug/L	0.80	8.0	209	219	104	110	80-120	5	23	
Chloroethane	10J0106	<1.0	200	ug/L	4.0	20	195	194	97	97	60-140	0	17	
Chloroform	10J0106	<0.20	200	ug/L	0.80	8.0	180	192	90	96	80-120	6	14	
Chloromethane	10J0106	<0.30	200	ug/L	1.2	8.0	187	198	93	99	60-140	6	16	
2-Chlorotoluene	10J0106	<0.50	200	ug/L	2.0	8.0	208	219	104	109	80-120	5	26	
4-Chlorotoluene	10J0106	<0.20	200	ug/L	0.80	8.0	199	211	100	106	80-120	6	26	
1,2-Dibromo-3-chloropropane	10J0106	<0.50	200	ug/L	2.0	8.0	223	214	112	107	60-140	4	26	
1,2-Dibromoethane (EDB)	10J0106	<0.20	200	ug/L	0.80	8.0	205	211	103	106	80-120	3	19	
Dibromomethane	10J0106	<0.20	200	ug/L	0.80	8.0	205	215	103	108	80-120	5	26	
1,2-Dichlorobenzene	10J0106	<0.20	200	ug/L	0.80	8.0	200	212	100	106	80-120	6	23	
1,3-Dichlorobenzene	10J0106	<0.20	200	ug/L	0.80	8.0	200	213	100	106	80-120	6	21	
1,4-Dichlorobenzene	10J0106	<0.50	200	ug/L	2.0	8.0	196	207	98	104	80-120	6	21	
Dichlorodifluoromethane	10J0106	<0.50	200	ug/L	2.0	8.0	206	217	103	108	60-140	5	19	

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## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WTI0984-12</b>														
1,1-Dichloroethane	10J0106	<0.50	200	ug/L	2.0	8.0	185	197	92	98	80-120	6	18	
1,2-Dichloroethane	10J0106	<0.50	200	ug/L	2.0	8.0	178	188	89	94	80-120	6	19	
1,1-Dichloroethene	10J0106	<0.50	200	ug/L	2.0	8.0	194	207	97	103	80-120	6	18	
cis-1,2-Dichloroethene	10J0106	<0.50	200	ug/L	2.0	8.0	190	203	95	101	80-120	7	17	
trans-1,2-Dichloroethene	10J0106	<0.50	200	ug/L	2.0	8.0	195	207	97	103	80-120	6	23	
1,2-Dichloropropane	10J0106	<0.50	200	ug/L	2.0	8.0	195	206	97	103	80-120	6	18	
1,3-Dichloropropane	10J0106	<0.25	200	ug/L	1.0	8.0	193	201	97	101	80-120	4	24	
2,2-Dichloropropane	10J0106	<0.50	200	ug/L	2.0	8.0	197	210	99	105	60-140	6	16	
1,1-Dichloropropene	10J0106	<0.50	200	ug/L	2.0	8.0	199	206	99	103	80-120	4	16	
cis-1,3-Dichloropropene	10J0106	<0.20	200	ug/L	0.80	8.0	204	216	102	108	80-120	6	20	
trans-1,3-Dichloropropene	10J0106	<0.20	200	ug/L	0.80	8.0	203	214	102	107	80-120	5	26	
Isopropyl Ether	10J0106	<0.50	200	ug/L	2.0	8.0	188	200	94	100	80-120	6	20	
Ethylbenzene	10J0106	<0.50	200	ug/L	2.0	8.0	203	214	101	107	80-120	5	16	
Hexachlorobutadiene	10J0106	<0.50	200	ug/L	2.0	8.0	220	231	110	116	60-140	5	20	
Isopropylbenzene	10J0106	<0.20	200	ug/L	0.80	8.0	209	220	104	110	80-120	5	22	
p-Isopropyltoluene	10J0106	<0.20	200	ug/L	0.80	8.0	209	220	104	110	80-120	5	20	
Methylene Chloride	10J0106	<1.0	200	ug/L	4.0	8.0	186	199	93	99	80-120	7	24	
Methyl tert-Butyl Ether	10J0106	253	200	ug/L	2.0	8.0	422	435	84	91	80-120	3	18	
Naphthalene	10J0106	<0.25	200	ug/L	1.0	20	216	211	108	106	60-140	2	24	B
n-Propylbenzene	10J0106	<0.50	200	ug/L	2.0	8.0	210	222	105	111	80-120	6	23	
Styrene	10J0106	<0.50	200	ug/L	2.0	20	206	218	103	109	80-120	6	14	
1,1,1,2-Tetrachloroethane	10J0106	<0.25	200	ug/L	1.0	8.0	205	217	102	108	80-120	6	17	
1,1,2,2-Tetrachloroethane	10J0106	<0.20	200	ug/L	0.80	8.0	192	191	96	95	80-120	1	26	
Tetrachloroethene	10J0106	<0.50	200	ug/L	2.0	8.0	216	227	108	113	80-120	5	18	
Toluene	10J0106	<0.50	200	ug/L	2.0	8.0	198	209	99	104	80-120	5	18	
1,2,3-Trichlorobenzene	10J0106	<0.25	200	ug/L	1.0	8.0	214	217	107	108	80-120	1	24	
1,2,4-Trichlorobenzene	10J0106	<0.25	200	ug/L	1.0	8.0	218	226	109	113	80-120	4	21	
1,1,1-Trichloroethane	10J0106	<0.50	200	ug/L	2.0	8.0	194	207	97	103	80-120	6	19	
1,1,2-Trichloroethane	10J0106	<0.25	200	ug/L	1.0	8.0	194	201	97	101	80-120	4	28	
Trichloroethene	10J0106	<0.20	200	ug/L	0.80	8.0	207	218	104	109	80-120	5	18	
Trichlorofluoromethane	10J0106	<0.50	200	ug/L	2.0	8.0	190	195	95	97	80-120	3	19	
1,2,3-Trichloropropane	10J0106	<0.50	200	ug/L	2.0	8.0	202	199	101	100	80-120	1	26	
1,2,4-Trimethylbenzene	10J0106	<0.20	200	ug/L	0.80	8.0	204	215	102	107	80-120	5	24	
1,3,5-Trimethylbenzene	10J0106	<0.20	200	ug/L	0.80	8.0	207	218	103	109	80-120	5	24	
Vinyl chloride	10J0106	<0.20	200	ug/L	0.80	8.0	195	205	97	103	80-120	5	17	
Xylenes, Total	10J0106	<0.50	600	ug/L	2.0	8.0	608	642	101	107	80-120	6	13	
Surrogate: Dibromo fluoro methane	10J0106			ug/L					94	93	80-120			
Surrogate: Toluene-d8	10J0106			ug/L					98	99	80-120			
Surrogate: 4-Bromo fluoro benzene	10J0106			ug/L					100	99	80-120			

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## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
QC Source Sample: WTI0018-02														
Benzene	10J0144	<0.20	50	ug/L	0.20	2.0	51.7	49.8	103	100	80-120	4	20	
Bromobenzene	10J0144	<0.20	50	ug/L	0.20	2.0	50.7	48.2	101	96	80-120	5	24	
Bromochloromethane	10J0144	<0.50	50	ug/L	0.50	2.0	48.2	47.0	96	94	80-120	2	14	
Bromodichloromethane	10J0144	<0.20	50	ug/L	0.20	2.0	50.9	49.9	102	100	80-120	2	19	
Bromoform	10J0144	<0.20	50	ug/L	0.20	5.0	46.4	46.1	93	92	80-120	1	26	
Bromomethane	10J0144	<0.50	50	ug/L	0.50	5.0	54.4	51.6	109	103	60-140	5	18	
n-Butylbenzene	10J0144	<0.20	50	ug/L	0.20	2.0	55.9	53.1	112	106	80-120	5	19	
sec-Butylbenzene	10J0144	<0.25	50	ug/L	0.25	2.0	53.6	51.6	107	103	80-120	4	19	
tert-Butylbenzene	10J0144	<0.20	50	ug/L	0.20	2.0	52.9	51.0	106	102	80-120	4	17	
Carbon Tetrachloride	10J0144	<0.80	50	ug/L	0.80	2.0	50.5	48.3	101	97	60-140	4	17	
Chlorobenzene	10J0144	<0.20	50	ug/L	0.20	2.0	51.2	48.9	102	98	80-120	5	16	
Chlorodibromomethane	10J0144	<0.20	50	ug/L	0.20	2.0	46.3	45.7	93	91	80-120	1	23	
Chloroethane	10J0144	<1.0	50	ug/L	1.0	5.0	50.3	49.9	101	100	60-140	1	17	
Chloroform	10J0144	<0.20	50	ug/L	0.20	2.0	49.2	47.6	98	95	80-120	3	14	
Chloromethane	10J0144	<0.30	50	ug/L	0.30	2.0	49.5	48.4	99	97	60-140	2	16	
2-Chlorotoluene	10J0144	<0.50	50	ug/L	0.50	2.0	51.2	49.9	102	100	80-120	3	26	
4-Chlorotoluene	10J0144	<0.20	50	ug/L	0.20	2.0	51.4	49.4	103	99	80-120	4	26	
1,2-Dibromo-3-chloropropane	10J0144	<0.50	50	ug/L	0.50	2.0	43.8	43.2	88	86	60-140	1	26	
1,2-Dibromoethane (EDB)	10J0144	<0.20	50	ug/L	0.20	2.0	51.7	49.2	103	98	80-120	5	19	
Dibromomethane	10J0144	<0.20	50	ug/L	0.20	2.0	49.9	48.3	100	97	80-120	3	26	
1,2-Dichlorobenzene	10J0144	<0.20	50	ug/L	0.20	2.0	49.3	48.5	99	97	80-120	2	23	
1,3-Dichlorobenzene	10J0144	<0.20	50	ug/L	0.20	2.0	49.0	48.5	98	97	80-120	1	21	
1,4-Dichlorobenzene	10J0144	<0.50	50	ug/L	0.50	2.0	49.3	48.1	99	96	80-120	3	21	
Dichlorodifluoromethane	10J0144	<0.50	50	ug/L	0.50	2.0	51.5	49.1	103	98	60-140	5	19	
1,1-Dichloroethane	10J0144	<0.50	50	ug/L	0.50	2.0	50.4	48.2	101	96	80-120	5	18	
1,2-Dichloroethane	10J0144	<0.50	50	ug/L	0.50	2.0	48.5	47.7	97	95	80-120	2	19	
1,1-Dichloroethene	10J0144	<0.50	50	ug/L	0.50	2.0	50.4	48.3	101	97	80-120	4	18	
cis-1,2-Dichloroethene	10J0144	<0.50	50	ug/L	0.50	2.0	49.2	47.6	98	95	80-120	3	17	
trans-1,2-Dichloroethene	10J0144	<0.50	50	ug/L	0.50	2.0	50.7	47.8	101	96	80-120	6	23	
1,2-Dichloropropane	10J0144	<0.50	50	ug/L	0.50	2.0	50.4	48.7	101	97	80-120	3	18	
1,3-Dichloropropane	10J0144	<0.25	50	ug/L	0.25	2.0	50.8	48.9	102	98	80-120	4	24	
2,2-Dichloropropane	10J0144	<0.50	50	ug/L	0.50	2.0	53.3	52.3	107	105	60-140	2	16	
1,1-Dichloropropene	10J0144	<0.50	50	ug/L	0.50	2.0	52.4	49.9	105	100	80-120	5	16	
cis-1,3-Dichloropropene	10J0144	<0.20	50	ug/L	0.20	2.0	52.1	50.5	104	101	80-120	3	20	
trans-1,3-Dichloropropene	10J0144	<0.20	50	ug/L	0.20	2.0	53.0	51.6	106	103	80-120	3	26	
Isopropyl Ether	10J0144	<0.50	50	ug/L	0.50	2.0	50.4	48.6	101	97	80-120	4	20	
Ethylbenzene	10J0144	<0.50	50	ug/L	0.50	2.0	52.5	50.6	105	101	80-120	4	16	
Hexachlorobutadiene	10J0144	<0.50	50	ug/L	0.50	2.0	52.7	48.7	105	97	60-140	8	20	
Isopropylbenzene	10J0144	<0.20	50	ug/L	0.20	2.0	53.3	51.2	107	102	80-120	4	22	
p-Isopropyltoluene	10J0144	<0.20	50	ug/L	0.20	2.0	56.8	55.0	114	110	80-120	3	20	
Methylene Chloride	10J0144	<1.0	50	ug/L	1.0	2.0	48.2	46.7	96	93	80-120	3	24	
Methyl tert-Butyl Ether	10J0144	<0.50	50	ug/L	0.50	2.0	49.5	48.2	99	96	80-120	3	18	
Naphthalene	10J0144	<0.25	50	ug/L	0.25	5.0	49.4	49.2	99	98	60-140	1	24	B
n-Propylbenzene	10J0144	<0.50	50	ug/L	0.50	2.0	52.4	50.9	105	102	80-120	3	23	
Styrene	10J0144	<0.50	50	ug/L	0.50	5.0	53.1	50.7	106	101	80-120	5	14	

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Received: 09/29/10  
Reported: 10/27/10 15:26

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRI	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WTJ0018-02</b>														
1,1,1,2-Tetrachloroethane	10J0144	<0.25	50	ug/L	0.25	2.0	52.5	50.6	105	101	80-120	4	17	
1,1,2,2-Tetrachloroethane	10J0144	<0.20	50	ug/L	0.20	2.0	51.6	48.1	103	96	80-120	7	26	
Tetrachloroethene	10J0144	<0.50	50	ug/L	0.50	2.0	52.9	51.3	106	103	80-120	3	18	
Toluene	10J0144	<0.50	50	ug/L	0.50	2.0	52.2	49.0	104	98	80-120	6	18	
1,2,3-Trichlorobenzene	10J0144	<0.25	50	ug/L	0.25	2.0	48.0	49.0	96	98	80-120	2	24	
1,2,4-Trichlorobenzene	10J0144	<0.25	50	ug/L	0.25	2.0	49.7	49.5	99	99	80-120	0	21	
1,1,1-Trichloroethane	10J0144	<0.50	50	ug/L	0.50	2.0	53.2	51.3	106	103	80-120	4	19	
1,1,2-Trichloroethane	10J0144	<0.25	50	ug/L	0.25	2.0	49.5	48.5	99	97	80-120	2	28	
Trichloroethene	10J0144	<0.20	50	ug/L	0.20	2.0	51.0	48.1	102	96	80-120	6	18	
Trichlorofluoromethane	10J0144	<0.50	50	ug/L	0.50	2.0	50.7	48.8	101	98	80-120	4	19	
1,2,3-Trichloropropane	10J0144	<0.50	50	ug/L	0.50	2.0	51.2	48.9	102	98	80-120	4	26	
1,2,4-Trimethylbenzene	10J0144	<0.20	50	ug/L	0.20	2.0	52.5	50.3	105	101	80-120	4	24	
1,3,5-Trimethylbenzene	10J0144	<0.20	50	ug/L	0.20	2.0	53.6	51.1	107	102	80-120	5	24	
Vinyl chloride	10J0144	<0.20	50	ug/L	0.20	2.0	48.9	46.7	98	93	80-120	5	17	
Xylenes, Total	10J0144	<0.50	150	ug/L	0.50	2.0	156	150	104	100	80-120	4	13	
Surrogate: Dibromofluoromethane	10J0144			ug/L					98	98	80-120			
Surrogate: Toluene-d8	10J0144			ug/L					102	100	80-120			
Surrogate: 4-Bromofluorobenzene	10J0144			ug/L					100	99	80-120			
<b>QC Source Sample: WTJ0083-04</b>														
Benzene	10J0188	<0.20	50	ug/L	0.20	2.0	47.2	48.2	94	96	80-120	2	20	
Bromobenzene	10J0188	<0.20	50	ug/L	0.20	2.0	47.9	49.9	96	100	80-120	4	24	
Bromochloromethane	10J0188	<0.50	50	ug/L	0.50	2.0	43.8	44.5	88	89	80-120	2	14	
Bromodichloromethane	10J0188	<0.20	50	ug/L	0.20	2.0	46.4	48.1	93	96	80-120	4	19	
Bromoform	10J0188	<0.20	50	ug/L	0.20	5.0	42.0	45.0	84	90	80-120	7	26	
Bromomethane	10J0188	<0.50	50	ug/L	0.50	5.0	45.9	48.5	92	97	60-140	5	18	
n-Butylbenzene	10J0188	<0.20	50	ug/L	0.20	2.0	52.7	54.2	105	108	80-120	3	19	
sec-Butylbenzene	10J0188	<0.25	50	ug/L	0.25	2.0	51.1	53.3	102	107	80-120	4	19	
tert-Butylbenzene	10J0188	<0.20	50	ug/L	0.20	2.0	51.0	52.7	102	105	80-120	3	17	
Carbon Tetrachloride	10J0188	<0.80	50	ug/L	0.80	2.0	42.2	42.8	84	86	60-140	1	17	
Chlorobenzene	10J0188	<0.20	50	ug/L	0.20	2.0	47.9	49.6	96	99	80-120	3	16	
Chlorodibromomethane	10J0188	<0.20	50	ug/L	0.20	2.0	43.2	43.6	86	87	80-120	1	23	
Chloroethane	10J0188	<1.0	50	ug/L	1.0	5.0	44.8	48.4	90	97	60-140	8	17	
Chloroform	10J0188	<0.20	50	ug/L	0.20	2.0	41.1	41.9	82	84	80-120	2	14	
Chloromethane	10J0188	<0.30	50	ug/L	0.30	2.0	41.1	42.8	82	86	60-140	4	16	
2-Chlorotoluene	10J0188	<0.50	50	ug/L	0.50	2.0	47.9	50.5	96	101	80-120	5	26	
4-Chlorotoluene	10J0188	<0.20	50	ug/L	0.20	2.0	46.6	50.4	93	101	80-120	8	26	
1,2-Dibromo-3-chloropropane	10J0188	<0.50	50	ug/L	0.50	2.0	40.9	40.1	82	80	60-140	2	26	
1,2-Dibromoethane (EDB)	10J0188	<0.20	50	ug/L	0.20	2.0	48.2	49.9	96	100	80-120	3	19	
Dibromomethane	10J0188	<0.20	50	ug/L	0.20	2.0	45.9	47.0	92	94	80-120	3	26	
1,2-Dichlorobenzene	10J0188	<0.20	50	ug/L	0.20	2.0	47.2	49.8	94	100	80-120	5	23	
1,3-Dichlorobenzene	10J0188	<0.20	50	ug/L	0.20	2.0	46.7	49.5	93	99	80-120	6	21	
1,4-Dichlorobenzene	10J0188	<0.50	50	ug/L	0.50	2.0	47.3	49.2	95	98	80-120	4	21	
Dichlorodifluoromethane	10J0188	<0.50	50	ug/L	0.50	2.0	42.9	43.3	86	87	60-140	1	19	
1,1-Dichloroethane	10J0188	<0.50	50	ug/L	0.50	2.0	41.5	42.6	83	85	80-120	3	18	
1,2-Dichloroethane	10J0188	<0.50	50	ug/L	0.50	2.0	40.5	41.6	81	83	80-120	3	19	

SHAW E & I- MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WT10984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WTJ0083-04</b>														
1,1-Dichloroethene	10J0188	<0.50	50	ug/L	0.50	2.0	45.3	50.3	91	101	80-120	10	18	
cis-1,2-Dichloroethene	10J0188	<0.50	50	ug/L	0.50	2.0	41.3	41.8	83	84	80-120	1	17	
trans-1,2-Dichloroethene	10J0188	<0.50	50	ug/L	0.50	2.0	41.4	42.2	83	84	80-120	2	23	
1,2-Dichloropropane	10J0188	<0.50	50	ug/L	0.50	2.0	45.8	47.5	92	95	80-120	4	18	
1,3-Dichloropropane	10J0188	<0.25	50	ug/L	0.25	2.0	45.4	47.2	91	94	80-120	4	24	
2,2-Dichloropropane	10J0188	<0.50	50	ug/L	0.50	2.0	43.7	44.0	87	88	60-140	1	16	
1,1-Dichloropropene	10J0188	<0.50	50	ug/L	0.50	2.0	43.6	45.3	87	91	80-120	4	16	
cis-1,3-Dichloropropene	10J0188	<0.20	50	ug/L	0.20	2.0	47.1	48.1	94	96	80-120	2	20	
trans-1,3-Dichloropropene	10J0188	<0.20	50	ug/L	0.20	2.0	47.4	49.3	95	99	80-120	4	26	
Isopropyl Ether	10J0188	<0.50	50	ug/L	0.50	2.0	41.0	42.0	82	84	80-120	2	20	
Ethylbenzene	10J0188	<0.50	50	ug/L	0.50	2.0	50.8	52.5	102	105	80-120	3	16	
Hexachlorobutadiene	10J0188	<0.50	50	ug/L	0.50	2.0	49.9	50.3	100	101	60-140	1	20	
Isopropylbenzene	10J0188	<0.20	50	ug/L	0.20	2.0	50.5	52.9	101	106	80-120	5	22	
p-Isopropyltoluene	10J0188	<0.20	50	ug/L	0.20	2.0	54.7	57.0	109	114	80-120	4	20	
Methylene Chloride	10J0188	<1.0	50	ug/L	1.0	2.0	43.4	41.2	87	82	80-120	5	24	
Methylcrt-Butyl Ether	10J0188	<0.50	50	ug/L	0.50	2.0	40.2	41.1	80	82	80-120	2	18	
Naphthalene	10J0188	<0.25	50	ug/L	0.25	5.0	47.7	49.1	95	98	60-140	3	24	
n-Propylbenzene	10J0188	<0.50	50	ug/L	0.50	2.0	50.8	53.2	102	106	80-120	5	23	
Styrene	10J0188	<0.50	50	ug/L	0.50	5.0	49.9	52.7	100	105	80-120	5	14	
1,1,1,2-Tetrachloroethane	10J0188	<0.25	50	ug/L	0.25	2.0	48.9	50.7	98	101	80-120	4	17	
1,1,2,2-Tetrachloroethane	10J0188	<0.20	50	ug/L	0.20	2.0	46.8	48.6	94	97	80-120	4	26	
Tetrachloroethene	10J0188	<0.50	50	ug/L	0.50	2.0	50.6	52.0	101	104	80-120	3	18	
Toluene	10J0188	<0.50	50	ug/L	0.50	2.0	49.4	50.7	99	101	80-120	3	18	
1,2,3-Trichlorobenzene	10J0188	<0.25	50	ug/L	0.25	2.0	47.1	49.2	94	98	80-120	4	24	
1,2,4-Trichlorobenzene	10J0188	<0.25	50	ug/L	0.25	2.0	46.8	49.2	94	98	80-120	5	21	
1,1,1-Trichloroethane	10J0188	<0.50	50	ug/L	0.50	2.0	44.3	45.6	89	91	80-120	3	19	
1,1,2-Trichloroethane	10J0188	<0.25	50	ug/L	0.25	2.0	45.8	48.0	92	96	80-120	5	28	
Trichloroethene	10J0188	<0.20	50	ug/L	0.20	2.0	45.6	47.1	91	94	80-120	3	18	
Trichlorofluoromethane	10J0188	<0.50	50	ug/L	0.50	2.0	45.5	50.6	91	101	80-120	11	19	
1,2,3-Trichloropropane	10J0188	<0.50	50	ug/L	0.50	2.0	49.0	50.8	98	102	80-120	4	26	
1,2,4-Trimethylbenzene	10J0188	<0.20	50	ug/L	0.20	2.0	49.7	52.1	99	104	80-120	5	24	
1,3,5-Trimethylbenzene	10J0188	<0.20	50	ug/L	0.20	2.0	50.5	53.9	101	108	80-120	7	24	
Vinyl chloride	10J0188	<0.20	50	ug/L	0.20	2.0	42.4	46.2	85	92	80-120	9	17	
Xylenes, Total	10J0188	<0.50	150	ug/L	0.50	2.0	148	155	99	104	80-120	5	13	
Surrogate: Dibromofluoromethane	10J0188			ug/L					86	86	80-120			
Surrogate: Toluene-d8	10J0188			ug/L					104	105	80-120			
Surrogate: 4-Bromofluorobenzene	10J0188			ug/L					97	98	80-120			
<b>General Chemistry Parameters</b>														
<b>QC Source Sample: NTJ0763-01</b>														
Total Organic Carbon	10J2570	2.96	20.0	mg/L	0.500	1.00	22.2	22.2	96	96	66-135	0	20	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>Methane, Ethane, and Ethene by GC</b>														
QC Source Sample: NTJ0157-01														
Ethane	10J1285	<14.0	521	ug/L	14.0	26.0	410	409	79	79	68-130	0	20	
Ethene	10J1285	<11.0	488	ug/L	11.0	26.0	384	380	79	78	71-120	1	20	
Methane	10J1285	<15.0	278	ug/L	15.0	26.0	232	232	84	83	46-133	0	20	
<i>Surrogate: Acetylene</i>	<i>10J1285</i>			ug/L					87	79	70-122			
<i>Surrogate: Acetylene</i>	<i>10J1285</i>			ug/L					87	79	70-122			
<i>Surrogate: Acetylene</i>	<i>10J1285</i>			ug/L					87	79	70-122			

TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

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SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## CERTIFICATION SUMMARY

### TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
EPA 300.0	Water - NonPotable	X	X
EPA 310.2	Water - NonPotable	X	X
EPA 353.2	Water - NonPotable	X	X
SW 6010B	Water - NonPotable	X	X
SW 8260B	Water - NonPotable	X	X

### Subcontracted Laboratories

TestAmerica Nashville NELAC Cert #200010, Wisconsin Cert #998020430, Illinois Cert #200010, Minnesota Cert #047-999-345, Iowa Cert #131, North Dakota Cert #R-146

2960 Foster Creighton Drive - Nashville, TN 37204

Method Performed: RSK 175

Samples: WTI0984-01, WTI0984-02, WTI0984-03, WTI0984-03RE2, WTI0984-04, WTI0984-04RE2,  
WTI0984-05, WTI0984-05RE1, WTI0984-06, WTI0984-06RE1, WTI0984-13, WTI0984-14

Method Performed: SW846 9060A

Samples: WTI0984-01, WTI0984-02, WTI0984-03, WTI0984-04, WTI0984-05, WTI0984-06, WTI0984-13,  
WTI0984-14

### TestAmerica Watertown

Brian DeJong For Dan F. Milewsky  
Project Manager

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI0984  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/29/10  
Reported: 10/27/10 15:26

## DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- J** Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
- R2** The RPD exceeded the acceptance limit.
- Z1** Surrogate recovery was above acceptance limits.

# TestAmerica

ANALYTICAL TESTING CORPORATION

Watertown Division  
602 Commerce Drive  
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036  
Fax 920-261-8120

WTI 0984 Page 1 of 2

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name Shaw Environmental Client#:

Address: 111 W. Pleasant St.

City/State/Zip Code: Milwaukee, WI 53212

Project Manager: Heidi Waelfel

Telephone Number: 414-291-2350 Fax: 414-291-2385

Sampler Name: (Print Name) C. Zimny & C. Pashale

Sampler Signature: CZ/C.P.

Project Name:

Project #: 108495

Site/Location ID: Green Bay State: WI

Report To: Heidi Waelfel

Invoice To: Denise DiChristopher

Quote #: \_\_\_\_\_ PO#:

TAT	Standard	Rush (surcharges may apply)	Date Needed:	Fax Results: Y N	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite Field Filtered	Matrix	Preservation & # of Containers					Analyze For:				QC Deliverables												
										SL - Sludge	DW - Drinking Water	GW - Groundwater	S - Soil/Solid	WW - Wastewater	Specify Other	HNO <sub>3</sub>	HCl	NaOH	H <sub>2</sub> SO <sub>4</sub>	Methanol	None	Other (Specify)	VOC	Methane, Ethene, Ethene	Nitrite + Nitrate	Sulfate	Alkalinity	TOC	Dissolved Mn		
01	MW-3200	9-28-10	10:10	G	GW	1	6		2		1					✓	✓	✓	✓	✓	✓	✓									
02	MW-200		11:40	G	GW	1	6		2		1					✓	✓	✓	✓	✓	✓	✓									
03	MW-300		12:30	G	GW	1	6		2		1					✓	✓	✓	✓	✓	✓	✓									
04	MW-400		13:30	G	GW	1	6		2		1					✓	✓	✓	✓	✓	✓	✓									
05	PZ-1700		14:25	G	GW	1	6		2		1					✓	✓	✓	✓	✓	✓	✓									
06	MW-100		14:25	G	GW	1	6		2		1					✓	✓	✓	✓	✓	✓	✓									
07	MW-2000		15:35	G	GW	3										✓															
08	TW-800		14:45	G	GW	3										✓															
09	TW-900		13:15	G	GW	3										✓															
10	TW-1300		15:00	G	GW	3										✓															

Special Instructions:

Relinquished By: <u>C. Zimny</u>	Date: <u>9-29-10</u>	Time: <u>8:00</u>	Received By: <u>R. Stil</u>	Date: <u>9-29-10</u>	Time: <u>12:20</u>
Relinquished By: <u>C. Zimny</u>	Date: <u>9-29-10</u>	Time: <u>14:08</u>	Received By: <u>M. Scott</u>	Date: <u>9-29-10</u>	Time: <u>15:27</u>
Relinquished By: <u>C. Zimny</u>	Date: <u></u>	Time: <u></u>	Received By: <u></u>	Date: <u></u>	Time: <u></u>

LABORATORY COMMENTS:

Init Lab Temp:

Rec Lab Temp:

Custody Seals: Y N N/A  
otties Supplied by Test America: O N

Method of Shipment: T/F

# TestAmerica

ANALYTICAL TESTING CORPORATION

**Watertown Division  
602 Commerce Drive  
Watertown, WI 53094**

**Phone 920-261-1660 or 800-833-7036  
Fax 920-261-8120**

WTI0984

Page 2 of 2

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?

Client Name: Shaw Environmental Client #: \_\_\_\_\_  
Address: 111 W. Pleasant St  
City/State/Zip Code: Milwaukee, WI 53212  
Project Manager: Heidi Woelfel  
Telephone Number: 414-291-2350 Fax: 414-291-2385  
Sampler Name: (Print Name) C. Zimney & C. Peshak  
Sampler Signature: C. Zimney

Project Name: \_\_\_\_\_  
Project #: 108495  
Site/Location ID: Green Bay State: WI  
Report To: Heidi (Mac)el  
Invoice To: \_\_\_\_\_  
Quote #: \_\_\_\_\_ PO#: \_\_\_\_\_

**Special Instructions:**

**LABORATORY COMMENTS:**

**Init Lab Temp:**

Rec Lab Temp:

Bellagio Hotel

Bellman and De

**Rettnguished By**

## **Relinquished E**

9-27-10	8:00	Received By: <i>J. Gath</i>	Date: 9/25/10	Time: 12:120
9/28/10	14:08	Received By: <i>M. Pato</i>	Date: 9/29/10	Time: 15:27
Date:	Time:	Received By:	Date:	Time:

**Custody Seals:** Y N N/A  
**Bottles Supplied by Test America:**  N

## Cooler Receipt Log

Work Order(s): WTI0984 Client Name/Project: Shaw Envir # of Coolers: \_\_\_\_\_

1. How did samples arrive?  Fed-Ex  UPS  TestAmerica  Client  Dunham  Speedy  \_\_\_\_\_

Date/time cooler was opened: 9/29/08 1408 By: Marta Wadada S TEMP. 60

2. Were custody seals intact, signed and dated correctly? .....  Intact  Broken  NA

3. Were samples on ice? .....  Yes  No

4. Does this Project require quick turn around analysis? .....  No  Yes

5. Are there any short hold time tests? (48hrs or less) .....  No  Yes

Past Hold? .....  No  Yes

48 hours or less	7 days
Coliform Bacteria ..... 8/30 hours	Aqueous Organic Prep
Chlorine/Hex Cr ..... 24 hours	TS
BOD	TDS
Nitrate/Nitrite ..... (DW is 14 days)	TSS
Sulfite	Sulfide
Orthophosphate	Volatile Solids
Surfactants (MBAS)	

6. Ops Mgr, PM or Analyst informed of short hold? ..... Who \_\_\_\_\_ When \_\_\_\_\_

7. Other than short hold test , were any samples within 2 days of their hold date .....  No  Yes

Or past their expiration of hold time .....  No  Yes

8. Is the date and time of collection recorded? Date .....  Yes  No

Time .....  Yes  No

9. Were all sample containers listed on the COC received and intact? .....  Yes  No

10. Do sample containers received and COC match? .....  Yes  No

11. Are dissolved parameters field filtered or being filtered in the lab? .....  Field  Lab  NA

12. Are sample volumes adequate and preservatives correct for test requested? Vol.....  Yes  No

Pres....  Yes  No

13. Do VOC samples have air bubbles >6mm?.....  No  Yes  NA

14. Is an aqueous Trip Blank included?.....  Yes  No  NA

15. Are any samples on hold? .....  No  Yes

16. Are there samples to be subcontracted? .....  No  Yes

17. Is a Methanol Trip Blank included?.....  Yes  No  NA

18. How were VOC soils received?  Methanol  Sodium Bisulfate  Packed Jar  Encore  Other  Water (see options\*)

\*  Within 48hrs of sampling  Past 48hrs of sampling  Frozen  Not Frozen

If any changes are made to this Work Order after Login, or if comments must be made regarding this cooler, explain them below:

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**ATTACHMENT B**

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

October 27, 2010

Client: SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212

Work Order: WTII007  
Project Name: 108495; Green Bay, WI  
Project Number: 108495

Attn: Ms. Heidi Woelfel

Date Received: 09/30/10

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
856 Mathes St.	WTII007-01	09/28/10 09:07
AAI	WTII007-02	09/28/10 10:50
AAO	WTII007-03	09/28/10 11:00
SSM	WTII007-04	09/28/10 11:22
SSW	WTII007-05	09/28/10 11:33
SSE	WTII007-06	09/28/10 11:56

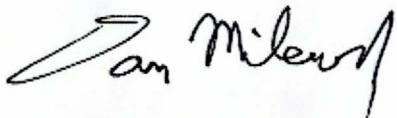
subcontract analysis performed at TestAmerica Knoxville - Lab ID: 998044300

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica Watertown

Dan F. Milewsky

Project Manager

Page 1 of 10

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI1007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTI1007-01 (856 Mathes St. - Air)</b>									<b>Sampled: 09/28/10 09:07</b>
EPA-2 TO-15x									
1,1,1-Trichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,1,2,2-Tetrachloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,1,2-Trichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,1-Dichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,1-Dichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,2,4-Trichlorobenzene	<1	ppb(v/v)	1	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>1,2,4-Trimethylbenzene</b>	<b>0.41</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,2-Dibromoethane (EDB)	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,2-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,2-Dichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,2-Dichloropropane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,3,5-Trimethylbenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,3-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
1,4-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Benzene</b>	<b>0.3</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Benzyl chloride	<0.4	ppb(v/v)	0.4	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Bromomethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Carbon tetrachloride	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Chlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Chloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Chloroform</b>	<b>2.8</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Chloromethane</b>	<b>0.91</b>	ppb(v/v)	0.5	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
cis-1,2-Dichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
cis-1,3-Dichloropropene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Dichlorodifluoromethane</b>	<b>0.53</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Ethylbenzene</b>	<b>0.65</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Hexachlorobutadiene	<1	ppb(v/v)	1	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Methylene chloride</b>	<b>3.9</b>	ppb(v/v)	0.5	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>m-Xylene &amp; p-Xylene</b>	<b>2.1</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>o-Xylene</b>	<b>0.5</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Styrene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Tetrachloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Toluene</b>	<b>12</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
trans-1,3-Dichloropropene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Trichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<b>Trichlorofluoromethane</b>	<b>0.36</b>	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
Vinyl chloride	<0.2	ppb(v/v)	0.2	1	10/05/10 17:24	HT	278274	EPA-2 TO-15	
<i>Surr: 4-Bromofluorobenzene (60-140%)</i>		100 %							

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTII007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTII007-02 (AAI - Air)</b>									<b>Sampled: 09/28/10 10:50</b>
EPA-2 TO-15x									
1,1,1-Trichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,1,2,2-Tetrachloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,1,2-Trichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,1-Dichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,1-Dichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2,4-Trichlorobenzene	<1	ppb(v/v)	1	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2,4-Trimethylbenzene	1.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2-Dibromoethane (EDB)	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2-Dichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,2-Dichloropropane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,3,5-Trimethylbenzene	0.3	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,3-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
1,4-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Benzene	1.7	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Benzyl chloride	<0.4	ppb(v/v)	0.4	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Bromomethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Carbon tetrachloride	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Chlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Chloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Chloroform	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Chloromethane	0.63	ppb(v/v)	0.5	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
cis-1,2-Dichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
cis-1,3-Dichloropropene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Dichlorodifluoromethane	0.47	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Ethylbenzene	0.56	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Hexachlorobutadiene	<1	ppb(v/v)	1	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Methylene chloride	<0.5	ppb(v/v)	0.5	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
m-Xylene & p-Xylene	2.1	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
o-Xylene	0.7	ppb(v/v)	0.2	1	10/05/10 18:11	IIT	278274	EPA-2 TO-15	
Styrene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Tetrachloroethene	26	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Toluene	6.8	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
trans-1,3-Dichloropropene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Trichloroethene	0.45	ppb(v/v)	0.2	1	10/05/10 18:11	IIT	278274	EPA-2 TO-15	
Trichlorofluoromethane	0.27	ppb(v/v)	0.2	1	10/05/10 18:11	IIT	278274	EPA-2 TO-15	
Vinyl chloride	<0.2	ppb(v/v)	0.2	1	10/05/10 18:11	HT	278274	EPA-2 TO-15	
Surr: 4-Bromofluorobenzene (60-140%)	100 %								

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WT11007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WT11007-03 (AAO - Air)</b>									
<b>Sampled: 09/28/10 11:00</b>									
EPA-2 TO-15x									
1,1,1-Trichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,1,2,2-Tetrachloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,1,2-Trichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,1-Dichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,1-Dichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2,4-Trichlorobenzene	<1	ppb(v/v)	1	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2,4-Trimethylbenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2-Dibromoethane (EDB)	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2-Dichloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,2-Dichloropropane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,3,5-Trimethylbenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,3-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
1,4-Dichlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
<b>Benzene</b>	<b>0.21</b>	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Benzyl chloride	<0.4	ppb(v/v)	0.4	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Bromomethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Carbon tetrachloride	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Chlorobenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Chloroethane	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Chloroform	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Chloromethane	<0.5	ppb(v/v)	0.5	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
cis-1,2-Dichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
cis-1,3-Dichloropropene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
<b>Dichlorodifluoromethane</b>	<b>0.47</b>	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Ethylbenzene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Hexachlorobutadiene	<1	ppb(v/v)	1	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Methylene chloride	<0.5	ppb(v/v)	0.5	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
m-Xylene & p-Xylene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
o-Xylene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Styrene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Tetrachloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
<b>Toluene</b>	<b>1.3</b>	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
trans-1,3-Dichloropropene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Trichloroethene	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
<b>Trichlorofluoromethane</b>	<b>0.25</b>	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Vinyl chloride	<0.2	ppb(v/v)	0.2	1	10/05/10 18:57	HT	278274	EPA-2 TO-15	
Surr: 4-Bromofluorobenzene (60-140%)	101 %								

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTII007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTII007-04 (SSM - Air)</b>								<b>Sampled: 09/28/10 11:22</b>	
EPA-2 TO-15x									
1,1,1-Trichloroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,1,2,2-Tetrachloroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,1,2-Trichloro-1,2,2-trifluoroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,1,2-Trichloroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,1-Dichloroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,1-Dichloroethene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2,4-Trichlorobenzene	<1800	ppb(v/v)	1800	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2,4-Trimethylbenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2-Dibromoethane (EDB)	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2-Dichlorobenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2-Dichloroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,2-Dichloropropane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,3,5-Trimethylbenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,3-Dichlorobenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
1,4-Dichlorobenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Benzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Benzyl chloride	<720	ppb(v/v)	720	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Bromomethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Carbon tetrachloride	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Chlorobenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Chloroethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Chloroform	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Chloromethane	<900	ppb(v/v)	900	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
cis-1,2-Dichloroethene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
cis-1,3-Dichloropropene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Dichlorodifluoromethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Ethylbenzene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Hexachlorobutadiene	<1800	ppb(v/v)	1800	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Methylene chloride	<900	ppb(v/v)	900	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
m-Xylene & p-Xylene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
o-Xylene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Styrene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Tetrachloroethene	66000	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Toluene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
trans-1,3-Dichloropropene	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Trichloroethene	790	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Trichlorofluoromethane	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Vinyl chloride	<360	ppb(v/v)	360	1,790.6	10/05/10 20:30	HT	278274	EPA-2 TO-15	
Surr: 4-Bromo fluorobenzene (60-140%)	86 %								

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTII007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTII007-05 (SSW - Air)</b>								<b>Sampled: 09/28/10 11:33</b>	
EPA-2 TO-15x									
I,1,1-Trichloroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,1,2,2-Tetrachloroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,1,2-Trichloro-1,2,2-trifluoroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,1,2-Trichloroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,1-Dichloroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,1-Dichloroethene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2,4-Trichlorobenzene	<110	ppb(v/v)	110	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2,4-Trimethylbenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2-Dibromoethane (EDB)	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2-Dichloro-1,1,2,2-tetrafluoroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2-Dichlorobenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2-Dichloroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,2-Dichloropropane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,3,5-Trimethylbenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,3-Dichlorobenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
I,4-Dichlorobenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Benzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Benzyl chloride	<43	ppb(v/v)	43	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Bromomethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Carbon tetrachloride	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Chlorobenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Chloroethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Chloroform	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Chloromethane	<54	ppb(v/v)	54	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
cis-1,2-Dichloroethene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
cis-1,3-Dichloropropene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Dichlorodifluoromethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Ethylbenzene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Hexachlorobutadiene	<110	ppb(v/v)	110	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Methylene chloride	<54	ppb(v/v)	54	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
m-Xylene & p-Xylene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
o-Xylene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Styrene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
<b>Tetrachloroethene</b>	<b>2900</b>	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Toluene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
trans-1,3-Dichloropropene	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
<b>Trichloroethene</b>	<b>46</b>	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Trichlorofluoromethane	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Vinyl chloride	<22	ppb(v/v)	22	107.7	10/05/10 21:18	HT	278274	EPA-2 TO-15	
Surr: 4-Bromofluorobenzene (60-140%)	96 %								

TestAmerica Watertown

Dan F. Milewsky  
Project Manager

Page 6 of 10

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTII007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/Batch	Method
<b>Sample ID: WTII007-06 (SSE - Air)</b>								<b>Sampled: 09/28/10 11:56</b>	
EPA-2 TO-15x									
1,1,1-Trichloroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,1,2-Tetrachloroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,1,2-Trichloro-1,2,2-trifluoroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,1,2-Trichloroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,1-Dichloroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,1-Dichloroethene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2,4-Trichlorobenzene	<93	ppb(v/v)	93	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2,4-Trimethylbenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2-Dibromoethane (EDB)	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2-Dichlorobenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2-Dichloroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,2-Dichloropropane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,3,5-Trimethylbenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,3-Dichlorobenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
1,4-Dichlorobenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Benzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Benzyl chloride	<37	ppb(v/v)	37	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Bromomethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Carbon tetrachloride	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Chlorobenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Chloroethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Chloroform	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Chloromethane	<46	ppb(v/v)	46	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
cis-1,2-Dichloroethene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
cis-1,3-Dichloropropene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Dichlorodifluoromethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Ethylbenzene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Hexachlorobutadiene	<93	ppb(v/v)	93	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Methylene chloride	<46	ppb(v/v)	46	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
m-Xylene & p-Xylene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
o-Xylene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Styrene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
<b>Tetrachloroethene</b>	<b>2500</b>	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Toluene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
trans-1,3-Dichloropropene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Trichloroethene	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Trichlorofluoromethane	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
Vinyl chloride	<19	ppb(v/v)	19	93	10/06/10 08:23	HT	278274	EPA-2 TO-15	
<i>Surr: 4-Bromofluorobenzene (60-140%)</i>		93 %							

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI1007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

### LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>EPA-2 TO-15x</b>														
1,1,1-Trichloroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,1,2,2-Tetrachloroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,1,2-Trichloro-1,2,2-trifluoroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,1,2-Trichloroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,1-Dichloroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,1-Dichloroethene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,2,4-Trichlorobenzene	278274		ppb(v/v)	N/A	1	<1					-			
1,2,4-Trimethylbenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,2-Dibromoethane (EDB)	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,2-Dichlorobenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,2-Dichloroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,2-Dichloropropane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,3,5-Trimethylbenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,3-Dichlorobenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
1,4-Dichlorobenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Surrogate: 4-Bromofluorobenzene	278274		ppb(v/v)					89			60-140			
Benzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Benzyl chloride	278274		ppb(v/v)	N/A	0.4	<0.4					-			
Bromomethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Carbon tetrachloride	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Chlorobenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Chloroethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Chloroform	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Chloromethane	278274		ppb(v/v)	N/A	0.5	<0.5					-			
cis-1,2-Dichloroethene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
cis-1,3-Dichloropropene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Dichlorodifluoromethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Ethylbenzene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Hexachlorobutadiene	278274		ppb(v/v)	N/A	1	<1					-			
Methylene chloride	278274		ppb(v/v)	N/A	0.5	<0.5					-			
m-Xylene & p-Xylene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
o-Xylene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Styrene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Tetrachloroethene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Toluene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
trans-1,3-Dichloropropene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Trichloroethene	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Trichlorofluoromethane	278274		ppb(v/v)	N/A	0.2	<0.2					-			
Vinyl chloride	278274		ppb(v/v)	N/A	0.2	<0.2					-			

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTI1007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup Result	% REC Limits	RPD Limit	Q
EPA-2 TO-15x												
1,1,1-Trichloroethane	278274	5.00	ppb(v/v)	N/A	0.2	5.03	101			70-130		
1,1,2,2-Tetrachloroethane	278274	5.00	ppb(v/v)	N/A	0.2	5.16	103			70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane	278274	5.00	ppb(v/v)	N/A	0.2	5.14	103			70-130		
1,1,2-Trichloroethane	278274	5.00	ppb(v/v)	N/A	0.2	5	100			70-130		
1,1-Dichloroethane	278274	5.00	ppb(v/v)	N/A	0.2	5.03	101			70-130		
1,1-Dichloroethene	278274	5.00	ppb(v/v)	N/A	0.2	5.13	103			70-130		
1,2,4-Trichlorobenzene	278274	5.00	ppb(v/v)	N/A	1	5.72	114			60-140		
1,2,4-Trimethylbenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.34	107			70-130		
1,2-Dibromoethane (EDB)	278274	5.00	ppb(v/v)	N/A	0.2	5.26	105			70-130		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	278274	5.00	ppb(v/v)	N/A	0.2	4.24	85			60-140		
1,2-Dichlorobenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.27	105			70-130		
1,2-Dichloroethane	278274	5.00	ppb(v/v)	N/A	0.2	5.19	104			70-130		
1,2-Dichloropropane	278274	5.00	ppb(v/v)	N/A	0.2	4.85	97			70-130		
1,3,5-Trimethylbenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.19	104			70-130		
1,3-Dichlorobenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.14	103			70-130		
1,4-Dichlorobenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.22	104			70-130		
Surrogate: 4-Bromofluorobenzene	278274		ppb(v/v)					100		60-140		
Benzene	278274	5.00	ppb(v/v)	N/A	0.2	4.92	98			70-130		
Benzyl chloride	278274	5.00	ppb(v/v)	N/A	0.4	5.61	112			70-130		
Bromomethane	278274	5.00	ppb(v/v)	N/A	0.2	4.87	97			70-130		
Carbon tetrachloride	278274	5.00	ppb(v/v)	N/A	0.2	4.18	84			70-130		
Chlorobenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.12	102			70-130		
Chloroethane	278274	5.00	ppb(v/v)	N/A	0.2	4.71	94			70-130		
Chloroform	278274	5.00	ppb(v/v)	N/A	0.2	5.02	100			70-130		
Chloromethane	278274	5.00	ppb(v/v)	N/A	0.5	5.39	108			60-140		
cis-1,2-Dichloroethene	278274	5.00	ppb(v/v)	N/A	0.2	5.11	102			70-130		
cis-1,3-Dichloropropene	278274	5.00	ppb(v/v)	N/A	0.2	5.38	108			70-130		
Dichlorodifluoromethane	278274	5.00	ppb(v/v)	N/A	0.2	5.38	108			60-140		
Ethylbenzene	278274	5.00	ppb(v/v)	N/A	0.2	5.09	102			70-130		
Hexachlorobutadiene	278274	5.00	ppb(v/v)	N/A	1	5.7	114			60-140		
Methylene chloride	278274	5.00	ppb(v/v)	N/A	0.5	4.83	97			70-130		
m-Xylene & p-Xylene	278274	10.0	ppb(v/v)	N/A	0.2	10.4	104			70-130		
o-Xylene	278274	5.00	ppb(v/v)	N/A	0.2	5.17	103			70-130		
Styrene	278274	5.00	ppb(v/v)	N/A	0.2	5.33	107			70-130		
Tetrachloroethene	278274	5.00	ppb(v/v)	N/A	0.2	4.96	99			70-130		
Toluene	278274	5.00	ppb(v/v)	N/A	0.2	4.86	97			70-130		
trans-1,3-Dichloropropene	278274	5.00	ppb(v/v)	N/A	0.2	5.13	103			70-130		
Trichloroethene	278274	5.00	ppb(v/v)	N/A	0.2	5.39	108			70-130		
Trichlorofluoromethane	278274	5.00	ppb(v/v)	N/A	0.2	5.21	104			60-140		
Vinyl chloride	278274	5.00	ppb(v/v)	N/A	0.2	5.13	103			70-130		

SHAW E & I - MILWAUKEE  
111 W. Pleasant Street, Suite 105  
Milwaukee, WI 53212  
Ms. Heidi Woelfel

Work Order: WTII007  
Project: 108495; Green Bay, WI  
Project Number: 108495

Received: 09/30/10  
Reported: 10/27/10 10:16

## CERTIFICATION SUMMARY

### Subcontracted Laboratories

TestAmerica Knoxville Wisconsin Cert #998044300, Illinois Cert #000687, Iowa Cert #375

5815 Middlebrook Pike - Knoxville, TN 37921

Method Performed: EPA-2 TO-15

Samples: WTII007-01, WTII007-02, WTII007-03, WTII007-04, WTII007-05, WTII007-06

WTI 1007

**TAL Knoxville**

5815 Middlebrook Pike  
Knoxville, TN 37921  
phone 865-291-3000 fax 865-584-4315

**Canister Samples Chain of Custody Record**

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information		Project Manager: HEIDI WOELFEL		Sampled By: Chris Peschek		1 of 1 COCs											
Company: SHAW ENVIRONMENTAL Address: 111 W. PLEASANT STREET City/State/Zip MILWAUKEE, WI 53212 Phone: 414-291-2372 FAX: 414-291-2375 Project Name: VTL Stripping Site/location: 108495 PO #																	
Analysis Turnaround Time																	
Standard (Specify) ✓																	
Rush (Specify)																	
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TC-1B	TO-14A	EPA 3C	EPA 28C	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)			
														Indoor Air	Ambient Air	Soil Gas	Landfill Gas
01 856 Miller St. Ambient air	9-28-10	907	830	-29.5	-7.5	122366	1151	X						X			
02 AAI	9-28-10	1050	857	-29.5	-9.5	125658	11153	X						X			
03 AAO	9-28-10	1100	909	-30	-9	122371	12823	X						X			
04 SSM	9-28-10	1122	852	-29.0	-6.5	W013754	12842	X						X			
05 SSW	9-28-10	1133	901	-28.5	-6	151292	13580	X						X			
06 SSE	9-28-10	1156	812	-29.5	-8.5	122375	12327	X						X			
Sampled by:		Temperature (Fahrenheit)								I BOX RECEIVED AMBIENT WPS H 12 (0V4-57401 09822-0560 NO CUSTODY SEAL 6 CANS, 6 FLOWS T3							
		Interior		Ambient													
		Start															
		Stop															
Special Instructions/QC Requirements & Comments:		Pressure (Inches of Hg)															
		Interior		Ambient													
		Start															
		Stop															
Canisters Shipped by:		Date/Time:		Canisters Received by:													
<del>JULY 11</del>		9/29/10 10:00															
Samples Relinquished by:		Date/Time:		Received by:													
<del>JULY 11</del>		9/29/10 9:55		JULY 11 9/29/10 10:00													
Relinquished by:		Date/Time:		Received by:													