BT SQUARED
CIVIL & ENVIRONMENTAL ENGINEERING

2830 Dairy Drive
Madison, WI 53718

p 608.224.2830
f 608.224.2839

RECEIVED
JAN 13 2011
DNR-WCR

January 12, 2011

Ms. Mae Willkom
Wisconsin Department of Natural Resources
West Central Region Office
P.O. Box 4001
Eau Claire, WI 54702

SUBJECT: **Onalaska Landfill Superfund Site**
April 2010 Data Validation Report
State of Wisconsin Purchase Order #NMI00000967
WDNR FID #632013360
U.S. EPA ID #WID980821656
Bid Item #10
BT Squared Project #3550

Dear Ms. Willkom:

As required in Section III Monitoring Requirements of the Scope of Work for the above-referenced site, BT Squared, Inc., is submitting the data validation report associated with the groundwater monitoring performed at the site on April 28 and 29, 2010. As stated in the Bid Addendum Vendor Questions and Final Agency Answers, only samples from one well for each semiannual groundwater-monitoring event will be submitted for data validation.

SUMMARY

Full data validation was done on one groundwater sample collected by BT Squared during the April 2010 groundwater monitoring event. For the event, we have chosen monitoring well MW8S for validation. Validation was performed for the volatile organic compounds (VOCs), the inorganic metals, and the inorganic wet chemistry parameters according to the U.S. Environmental Protection Agency "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" and the "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" with minor modifications to accommodate the non-CLP level data collected. All samples collected were submitted to TestAmerica, Inc., located in Watertown, Wisconsin. All of the samples were processed and reported under the work order number WTD0968, and were received by BT Squared on May 12, 2010. Based on the data validation review, the project data quality objectives have been met.

REVIEW ELEMENTS

The sample data was reviewed for the following information:

- Agreement of analyses conducted with the chain of custody (COC) requests
- Sample hold times and sample temperature and preservation
- Gas chromatography/mass spectrometry (GC/MS) tunes – organic analysis only
- Initial and continuing calibrations
- Laboratory blanks, equipment blanks, and field blanks
- Inductively coupled plasma interference check sample results – metals analysis only
- Trip blanks and field blanks
- Surrogate spike recoveries – organic analysis only
- Laboratory control sample and laboratory control sample duplicate results.
- Matrix spike and matrix spike duplicate results – organic analysis only
- Internal standard performance
- Sample quantitation and detection limit results
- Quantitation limits and sample results
- Project data quality objectives

ORGANIC COMPOUNDS

Discussion

Agreement of Analyses Conducted with the COC Requests

The sample reports were checked to confirm that the results reported corresponded to the analytical tests requested on the COC. VOCs were analyzed using Method SW-8260B. No discrepancies were found between the COC and the laboratory reports.

Sample Hold Times and Sample Temperature and Preservation

Sample MW8S (WTD0968-08) was collected on April 28, 2010, and analyzed for VOCs on May 3, 2010, within the method-specific holding time of 14 days for a preserved sample. The sample was preserved to a pH <2. The laboratory report documented that the sample cooler was received by TestAmerica with the samples on ice.

GC/MS Tunes

The frequency and abundance of all 4-Bromofluorobenzene tunes were within the quality control (QC) acceptable limits. The samples were analyzed within the method specified tune times.

Initial and Continuing Calibrations

The response factors, the percent deviation, and the percent relative standard deviations of all internal standards and the system monitoring compounds were within the QC acceptable limits for the initial calibration and continuing calibration standards associated with the sample except for the following deficiencies:

Calibration	Compound	%Difference (limit is +/- 25%)
Initial Cal. 50 Std. (5/4/10 @ 06:50)	Dibromofluoromethane	109.28% (54.64 of 50)
	Toluene-d8	102.60% (51.30 of 50)
	4-Bromofluoromethane	97.10% (48.55 of 50)

Trip Blanks and Field Blanks

A field blank was not submitted with the associated sample, and no further validation action was taken. No detections for any compounds were detected in the laboratory method blanks. The Trip Blank had no detections for any compounds analyzed.

Surrogate Spike Recoveries

The surrogate percent recoveries for sample MW8S are:

- Dibromofluoromethane at 109%
- Toluene-d8 at 103%
- 4-Bromofluoromethane at 97%

All surrogates were within the acceptable QC limits for the sample analysis of 80 to 120%.

Matrix Spike and Matrix Spike Duplicate Results

The matrix spike and matrix spike duplicate analyses were performed on the AM-28 sample. All of the percent recoveries (%R) and relative percent differences (RPDs) of all the spiked compounds were within the acceptable QC criteria for the matrix spike and matrix spike duplicate analyses.

Internal Standard Performance

The internal standard performance was within the acceptable QC limits for all sample analyses.

Quantitation Limits and Sample Results

Sample MW8S was analyzed for VOCs by Method SW-8260B. Analytical non-detections were reported at the laboratory method detection limit. Results between the method detection limit and the limit of quantitation were flagged by the laboratory with a "J". The method detection limits and the limit of quantitations for all compounds analyzed for VOCs by Method SW-8260B were at or below the NR 140 Enforcement Standard (ES) and Preventive Action Level (PAL) except for:

Compound	Method Detection Limit (µg/l)	Method Reporting Limit (µg/l)	NR 140 ES (µg/l)	NR 140 PAL (µg/l)
Benzene	0.20	2.0	5	0.5
Bromodichloromethane	0.20	2.0	0.6	0.06
Carbon tetrachloride	0.80	2.0	5	0.5
Chloroform	0.20	2.0	6	0.6
1,2-Dibromoethane (EDB)	0.20	2.0	0.05	0.005
Chloromethane	0.30	2.0	30	3
1,2-Dichloroethane	0.50	2.0	5	0.5
1,1-Dichloroethene	0.50	2.0	7	0.7
1,2-Dichloropropane	0.50	2.0	5	0.5
1,3-Dichloropropene (cis/trans)	0.20	2.0	0.4	0.04
Methylene chloride	1.0	2.0	5	0.5
1,1,2,2-Tetrachloroethane	0.20	2.0	0.2	0.02
Tetrachloroethene	0.50	2.0	5	0.5
1,1,1-Trichloroethane	0.50	2.0	200	40
Trichloroethene	0.20	2.0	5	0.5
Vinyl chloride	0.20	2.0	0.2	0.02

Sample MW8S did not have any detection for the VOC compounds analyzed.

Project Data Quality Objectives

The overall accuracy objectives were met, as 100% of the laboratory matrix spikes and laboratory control standards were within control limits. The overall precision objectives were met, as 100% of the field and lab duplicates were within control limits. The overall completeness objectives were met, as 100% of the data were deemed valid.

INORGANIC COMPOUNDS

Discussion

Agreement of Analyses Conducted with the COC Requests

The sample reports were checked to confirm that the results reported corresponded to the analytical tests requested on the COC. Select metals (AS, Ba, Fe, Pb, Mn, Cd, Co, Hg, V) were analyzed using Methods SW-6020A, SW-7470A, and EPA 245.1. Total alkalinity was analyzed by Method 310.2 and chloride was analyzed by Method SM 4500CIE. No discrepancies were found between the COC and the laboratory reports.

Sample Hold Times and Sample Temperature and Preservation

Sample MW8S (WTD0968-08) was collected on April 28, 2010, and analyzed for the above-listed compounds within the method specific holding times. Sample preservation, where applicable, was acceptable

for all parameters. The laboratory report documented that the sample cooler was received by TestAmerica with the samples on ice.

Initial and Continuing Calibrations

All QC criteria were met for the calibration curves, and the initial calibration verification and continuing calibration verification standards.

Method Blanks, Trip Blanks, and Field Blanks

No field blanks were submitted with the sample set. There were no detections for any of the target compounds in the laboratory blanks, rinsate blanks, and initial and continuing calibration verification blanks associated with the sample set.

Inductively Coupled Plasma Interference Check Sample Results

All QC criteria were met for the Inductively Coupled Plasma A and the Interference Check Sample B solutions for metals run by inductively coupled plasma/matrix spike.

Matrix Spike and Matrix Spike Duplicate Results

The matrix spike/matrix spike duplicate analyses were performed on the AM-28 sample. All of the %R and RPDs of all the spiked compounds were within the acceptable QC criteria for the matrix spike and matrix spike duplicate analyses.

Sample Quantitation and Detection Limit Results

Sample MW8S was analyzed at a 1:2 dilution for total alkalinity, no dilution for chloride, and at a 1:10 dilution for manganese while all other metals were analyzed at no dilution. The dilution was necessary to keep the analytical result inside the high-end of the calibration curve for manganese. The result calculation was found to be accurate. All other parameters for sample MW8S were reported at no dilution. Analytical non-detections were reported at the laboratory MDL. The method detection limits and the limit of quantitations for all compounds analyzed were at or below the NR 140 ES and PAL.

Project Data Quality Objectives

The overall accuracy objectives were met, as 100% of the laboratory matrix spikes and laboratory control standards were within control limits. The overall precision objectives were met, as 100% of the lab duplicates were within control limits. The overall completeness objectives were met, as 100% of the data were deemed valid.

Please contact us at 608-224-2830 if you have any questions concerning this report.

Sincerely,
BT Squared, Inc.

Steven Smith
Environmental Specialist

Robert Langdon
Project Manager

Attachments: Attachment A – Data Validation Package
Attachment B – Laboratory Analytical Report

SS/LR/REL(Template Rev. 01/2011)
I:\3550\Reports\GW Reports\DataVal.3.110111.docx

ATTACHMENT A

Data Validation Package

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

#3550
FILE COPY

May 12, 2010

Client: BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718

Attn: Mr. Steve Smith

Work Order: WTD0968
Project Name: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Date Received: 04/30/10

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
Trip Blank #1	WTD0968-01	04/28/10
AM-28	WTD0968-02	04/28/10 09:00
MW-1SR	WTD0968-03	04/28/10 09:40
MW-4S	WTD0968-04	04/28/10 10:05
MW-5S	WTD0968-05	04/28/10 10:45
MW-6S	WTD0968-06	04/28/10 11:30
MW-6M	WTD0968-07	04/28/10 12:30
MW-8S	WTD0968-08	04/28/10 13:50
MW-8S Dup.	WTD0968-09	04/28/10 13:50
MW-8M	WTD0968-10	04/28/10 14:30
MW-14S	WTD0968-11	04/28/10 15:00
MW-15M	WTD0968-12	04/28/10 15:45
MW-16S	WTD0968-13	04/28/10 16:05
MW-16M	WTD0968-14	04/28/10 16:40
MW-17S	WTD0968-15	04/28/10 17:10
MW-17M	WTD0968-16	04/28/10 17:45
MW-17M Dup.	WTD0968-17	04/28/10 17:45
PZ-1	WTD0968-18	04/28/10 15:25
PZ-2	WTD0968-19	04/28/10 16:00
PZ-3	WTD0968-20	04/28/10 13:30
Ackerman PW	WTD0968-21	04/29/10 09:10
Pretasky Well	WTD0968-22	04/29/10 09:20
Johnson Well	WTD0968-23	04/29/10 09:30
Trip Blank #2	WTD0968-24	04/29/10 08:00

Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530

The Chain(s) of Custody, 4 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.

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

HG 245.1 AND 245.5

HNO3 - 9090093
HCL - 9090092
H2SO4 - 9090091
POTASSIUM PERMANGANATE - 9110039
POTASSIUM PERM. SOLUTION - WT00564
POTASSIUM PERSULFATE - 9090100
POTASSIUM PERS. SOLUTION - WT00565
HYDROXYLAMINE - WT00539
HYDROX. SOLUTION - WT00563
TIN (II) CHLORIDE - 9110038

CCV - WT00146
ICS - 9110059

Analysis Begun

Logged In Analyst: wtlab
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-90

Sample Information File: C:\data-AA\WTLAB\Sample Information\050410W.sif
Batch ID:
Results Data Set: 050410W
Results Library: C:\data-AA\WTLAB\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 1
Sample ID: 0
Date Collected: 5/4/2010 9:39:25 AM
Analyst:
Data Type: Original

Replicate Data: 0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0002	0.0003	0.0002	09:40:14	Yes
2		[0.00]	0.0002	0.0008	0.0002	09:40:43	Yes
3		[0.00]	0.0002	0.0005	0.0002	09:41:13	Yes
Mean:		[0.00]	0.0002				
SD:		0.00	0.0000				
%RSD:		0.00	14.08				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: 0.50
Date Collected: 5/4/2010 9:41:31 AM
Analyst:
Data Type: Original

Replicate Data: 0.50

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.50]	0.0035	0.0113	0.0036	09:42:21	Yes
2		[0.50]	0.0034	0.0112	0.0036	09:42:50	Yes
3		[0.50]	0.0034	0.0111	0.0036	09:43:20	Yes
Mean:		[0.50]	0.0034				
SD:		0.00	0.0000				
%RSD:		0.00	0.85				

Standard number 1 applied. [0.50]
Correlation Coef.: 1.000000 Slope: 0.00686 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: 1.00
Date Collected: 5/4/2010 9:43:39 AM
Analyst:
Data Type: Original

Replicate Data: 1.00

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.00]	0.0070	0.0231	0.0072	09:44:29	Yes
2		[1.00]	0.0071	0.0237	0.0072	09:44:58	Yes
3		[1.00]	0.0071	0.0235	0.0073	09:45:28	Yes
Mean:		[1.00]	0.0071				
SD:		0.00	0.0001				
%RSD:		0.00	0.84				

Standard number 2 applied. [1.00]
Correlation Coef.: 0.999852 Slope: 0.00707 Intercept: -0.00004

Sequence No.: 4
Autosampler Location: 4
Sample ID: 2.50
Date Collected: 5/4/2010 9:45:47 AM
Analyst:
Data Type: Original

Replicate Data: 2.50

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.50]	0.0172	0.0560	0.0174	09:46:38	Yes
2		[2.50]	0.0172	0.0559	0.0174	09:47:08	Yes
3		[2.50]	0.0171	0.0557	0.0173	09:47:37	Yes
Mean:		[2.50]	0.0172				
SD:		0.00	0.0001				
%RSD:		0.00	0.35				

Standard number 3 applied. [2.50]
Correlation Coef.: 0.999905 Slope: 0.00686 Intercept: 0.00005

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: 5.00 **Date Collected: 5/4/2010 9:47:57 AM**
Analyst: **Data Type: Original**

Replicate Data: 5.00

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.00]	0.0320	0.1023	0.0322	09:48:49	Yes
2		[5.00]	0.0318	0.1017	0.0319	09:49:18	Yes
3		[5.00]	0.0316	0.1013	0.0317	09:49:47	Yes
Mean:		[5.00]	0.0318				
SD:		0.00	0.0002				
%RSD:		0.00	0.73				

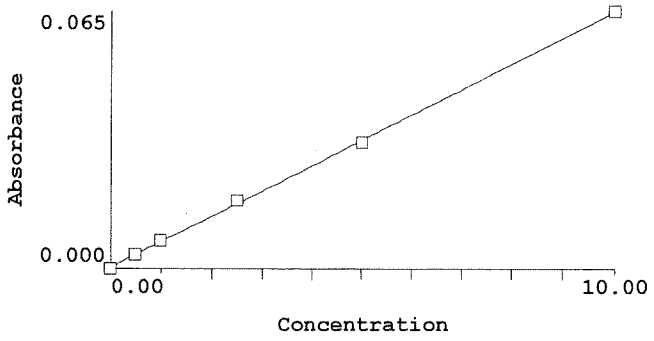
Standard number 4 applied. [5.00]
Correlation Coef.: 0.999099 Slope: 0.00635 Intercept: 0.00045

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: 10.00 **Date Collected: 5/4/2010 9:50:08 AM**
Analyst: **Data Type: Original**

Replicate Data: 10.00

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.00]	0.0649	0.2115	0.0651	09:50:59	Yes
2		[10.00]	0.0651	0.2104	0.0653	09:51:29	Yes
3		[10.00]	0.0652	0.2102	0.0654	09:51:58	Yes
Mean:		[10.00]	0.0651				
SD:		0.00	0.0002				
%RSD:		0.00	0.25				

Standard number 5 applied. [10.00]
Correlation Coef.: 0.999767 Slope: 0.00646 Intercept: 0.00031



Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
0	0.0000	0	-0.047	0.00	14.1
0.50	0.0034	0.50	0.484	0.00	0.9
1.00	0.0071	1.00	1.047	0.00	0.8
2.50	0.0172	2.50	2.611	0.00	0.4
5.00	0.0318	5.00	4.875	0.00	0.7

10.00	0.0651	10.00	10.031	0.00	0.3

Correlation Coef.: 0.999767 Slope: 0.00646 Intercept: 0.00031

Sequence No.: 7 Autosampler Location: 7
Sample ID: T000907-ICV1 Date Collected: 5/4/2010 9:52:19 AM
Analyst: Data Type: Original

Replicate Data: T000907-ICV1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.945	4.945	0.0322	0.1031	0.0324	09:53:11	Yes
2	4.907	4.907	0.0320	0.1026	0.0322	09:53:40	Yes
3	4.993	4.993	0.0325	0.1032	0.0327	09:54:10	Yes
Mean:	4.948	4.948	0.0323				
SD:	0.043	0.043	0.0003				
%RSD:	0.871	0.871	0.86				

Sequence No.: 8 Autosampler Location: 1
Sample ID: T000907-ICB1 Date Collected: 5/4/2010 9:54:31 AM
Analyst: Data Type: Original

Replicate Data: T000907-ICB1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.049	-0.049	-0.0000	0.0001	0.0002	09:55:20	Yes
2	-0.051	-0.051	-0.0000	-0.0004	0.0002	09:55:49	Yes
3	-0.050	-0.050	-0.0000	0.0002	0.0002	09:56:18	Yes
Mean:	-0.050	-0.050	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	1.285	1.285	22.69				

Sequence No.: 9 Autosampler Location: 5
Sample ID: T000907-CCV1 Date Collected: 5/4/2010 9:56:37 AM
Analyst: Data Type: Original

Replicate Data: T000907-CCV1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.865	4.865	0.0317	0.1008	0.0319	09:57:28	Yes
2	4.830	4.830	0.0315	0.1004	0.0317	09:57:57	Yes
3	4.857	4.857	0.0317	0.1012	0.0319	09:58:26	Yes
Mean:	4.851	4.851	0.0316				
SD:	0.019	0.019	0.0001				
%RSD:	0.385	0.385	0.38				

Sequence No.: 10 Autosampler Location: 1
Sample ID: T000907-CCB1 Date Collected: 5/4/2010 9:58:46 AM
Analyst: Data Type: Original

Replicate Data: T000907-CCB1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.049	-0.049	-0.0000	-0.0001	0.0002	09:59:36	Yes
2	-0.050	-0.050	-0.0000	0.0001	0.0002	10:00:05	Yes
3	-0.046	-0.046	0.0000	0.0002	0.0002	10:00:34	Yes
Mean:	-0.048	-0.048	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	3.915	3.915	183.31				

Analytical Sequence
Method: hg-fims

Seq.	Loc.	ID	Status
1	1	0	Applied
2	2	0.50	Applied

3	3	1.00	Applied
4	4	2.50	Applied
5	5	5.00	Applied
6	6	10.00	Applied
7	7	T000907-ICV1	Analyzed
8	1	T000907-ICB1	Analyzed
9	5	T000907-CCV1	Analyzed
10	1	T000907-CCB1	Analyzed

Analysis Begun

Logged In Analyst: wtlab
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-90

Sample Information File: C:\data-AA\WTLAB\Sample Information\050410W.sif
Batch ID:
Results Data Set: 050410W
Results Library: C:\data-AA\WTLAB\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 43
Sample ID: T000907-CCV4
Date Collected: 5/4/2010 10:57:21 AM
Analyst:
Data Type: Original

Replicate Data: T000907-CCV4

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.727	4.727	0.0308	0.0991	0.0310	10:58:13	Yes
2	4.628	4.628	0.0302	0.0982	0.0304	10:58:42	Yes
3	4.622	4.622	0.0301	0.0976	0.0303	10:59:12	Yes
Mean:	4.659	4.659	0.0304				
SD:	0.059	0.059	0.0004				
%RSD:	1.263	1.263	1.25				

Sequence No.: 2
Autosampler Location: 44
Sample ID: T000907-CCB4
Date Collected: 5/4/2010 10:59:32 AM
Analyst:
Data Type: Original

Replicate Data: T000907-CCB4

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.050	-0.050	-0.0000	0.0002	0.0002	11:00:23	Yes
2	-0.046	-0.046	0.0000	0.0002	0.0002	11:00:53	Yes
3	-0.051	-0.051	-0.0000	0.0002	0.0002	11:01:22	Yes
Mean:	-0.049	-0.049	-0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	5.153	5.153	140.08				

Sequence No.: 3
Autosampler Location: 45
Sample ID: 10E0038-BLK3
Date Collected: 5/4/2010 11:01:43 AM
Analyst:
Data Type: Original

Replicate Data: 10E0038-BLK3

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	-0.0001	-0.0002	0.0001	11:02:34	Yes
2	-0.059	-0.059	-0.0001	0.0001	0.0001	11:03:03	Yes
3	-0.057	-0.057	-0.0001	-0.0002	0.0001	11:03:33	Yes
Mean:	-0.058	-0.058	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.609	1.609	9.01				

Sequence No.: 4
Autosampler Location: 46
Sample ID: 10E0038-BS3
Date Collected: 5/4/2010 11:03:54 AM
Analyst:
Data Type: Original

Replicate Data: 10E0038-BS3

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.419	2.419	0.0159	0.0518	0.0161	11:04:46	Yes
2	2.414	2.414	0.0159	0.0513	0.0161	11:05:15	Yes
3	2.415	2.415	0.0159	0.0512	0.0161	11:05:44	Yes

Mean:	2.416	2.416	0.0159
SD:	0.002	0.002	0.0000
%RSD:	0.100	0.100	0.10

Sequence No.: 5
Sample ID: WTD0968-02
Analyst:
Autosampler Location: 47
Date Collected: 5/4/2010 11:06:06 AM
Data Type: Original

Replicate Data: WTD0968-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	-0.0001	0.0001	0.0001	11:06:58	Yes
2	-0.057	-0.057	-0.0001	-0.0003	0.0001	11:07:27	Yes
3	-0.054	-0.054	-0.0000	0.0001	0.0001	11:07:57	Yes
Mean:	-0.056	-0.056	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	3.748	3.748	24.30				

Sequence No.: 6
Sample ID: 10E0038-MS2
Analyst:
Autosampler Location: 48
Date Collected: 5/4/2010 11:08:18 AM
Data Type: Original

Replicate Data: 10E0038-MS2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.337	2.337	0.0154	0.0496	0.0156	11:09:06	Yes
2	2.345	2.345	0.0154	0.0496	0.0156	11:09:36	Yes
3	2.341	2.341	0.0154	0.0495	0.0156	11:10:06	Yes
Mean:	2.341	2.341	0.0154				
SD:	0.004	0.004	0.0000				
%RSD:	0.159	0.159	0.16				

Sequence No.: 7
Sample ID: 10E0038-MSD2
Analyst:
Autosampler Location: 49
Date Collected: 5/4/2010 11:10:23 AM
Data Type: Original

Replicate Data: 10E0038-MSD2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.386	2.386	0.0157	0.0500	0.0159	11:11:12	Yes
2	2.373	2.373	0.0156	0.0506	0.0158	11:11:41	Yes
3	2.365	2.365	0.0156	0.0498	0.0158	11:12:11	Yes
Mean:	2.375	2.375	0.0156				
SD:	0.010	0.010	0.0001				
%RSD:	0.442	0.442	0.43				

Sequence No.: 8
Sample ID: WTD0968-03
Analyst:
Autosampler Location: 50
Date Collected: 5/4/2010 11:12:29 AM
Data Type: Original

Replicate Data: WTD0968-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.056	-0.056	-0.0001	0.0000	0.0001	11:13:18	Yes
2	-0.057	-0.057	-0.0001	0.0001	0.0001	11:13:47	Yes
3	-0.057	-0.057	-0.0001	0.0000	0.0001	11:14:17	Yes
Mean:	-0.057	-0.057	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.580	1.580	9.55				

Sequence No.: 9
Sample ID: WTD0968-04
Analyst:
Autosampler Location: 51
Date Collected: 5/4/2010 11:14:35 AM
Data Type: Original

Replicate Data: WTD0968-04

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.060	-0.060	-0.0001	-0.0002	0.0001	11:15:24	Yes
2	-0.052	-0.052	-0.0000	0.0003	0.0002	11:15:53	Yes
3	-0.058	-0.058	-0.0001	0.0001	0.0001	11:16:23	Yes
Mean:	-0.057	-0.057	-0.0001				
SD:	0.004	0.004	0.0000				
%RSD:	7.110	7.110	43.48				

Sequence No.: 10 Autosampler Location: 52
Sample ID: WTD0968-05 Date Collected: 5/4/2010 11:16:41 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-05

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	-0.0001	0.0001	0.0001	11:17:30	Yes
2	-0.055	-0.055	-0.0001	0.0002	0.0001	11:18:00	Yes
3	-0.057	-0.057	-0.0001	0.0001	0.0001	11:18:29	Yes
Mean:	-0.057	-0.057	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.801	1.801	11.03				

Sequence No.: 11 Autosampler Location: 53
Sample ID: WTD0968-06 Date Collected: 5/4/2010 11:18:48 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-06

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.059	-0.059	-0.0001	0.0003	0.0001	11:19:37	Yes
2	-0.060	-0.060	-0.0001	-0.0002	0.0001	11:20:07	Yes
3	-0.061	-0.061	-0.0001	-0.0002	0.0001	11:20:36	Yes
Mean:	-0.060	-0.060	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	2.308	2.308	10.87				

Sequence No.: 12 Autosampler Location: 54
Sample ID: WTD0968-07 Date Collected: 5/4/2010 11:20:55 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-07

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.046	-0.046	0.0000	0.0000	0.0002	11:21:45	Yes
2	-0.038	-0.038	0.0001	0.0007	0.0002	11:22:14	Yes
3	-0.037	-0.037	0.0001	0.0007	0.0002	11:22:44	Yes
Mean:	-0.040	-0.040	0.0000				
SD:	0.004	0.004	0.0000				
%RSD:	10.81	10.81	64.26				

Sequence No.: 13 Autosampler Location: 55
Sample ID: T000907-CCV5 Date Collected: 5/4/2010 11:23:03 AM
Analyst: Data Type: Original

Replicate Data: T000907-CCV5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.899	4.899	0.0319	0.1020	0.0321	11:23:53	Yes
2	4.875	4.875	0.0318	0.1020	0.0320	11:24:22	Yes
3	4.894	4.894	0.0319	0.1023	0.0321	11:24:52	Yes

Mean:	4.890	4.890	0.0319
SD:	0.013	0.013	0.0001
%RSD:	0.259	0.259	0.26

Sequence No.: 14
Sample ID: T000907-CCB5
Analyst:

Autosampler Location: 56
Date Collected: 5/4/2010 11:25:11 AM
Data Type: Original

Replicate Data: T000907-CCB5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.049	-0.049	-0.0000	0.0003	0.0002	11:26:01	Yes
2	-0.052	-0.052	-0.0000	0.0003	0.0002	11:26:31	Yes
3	-0.053	-0.053	-0.0000	0.0003	0.0001	11:27:00	Yes
Mean:	-0.051	-0.051	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	3.962	3.962	51.87				

Analytical Sequence
Method: hg-fims

Seq.	Loc.	ID	Status
1	43	T000907-CCV4	Analyzed
2	44	T000907-CCB4	Analyzed
3	45	10E0038-BLK3	Analyzed
4	46	10E0038-BS3	Analyzed
5	47	WTD0968-02	Analyzed
6	48	10E0038-MS2	Analyzed
7	49	10E0038-MSD2	Analyzed
8	50	WTD0968-03	Analyzed
9	51	WTD0968-04	Analyzed
10	52	WTD0968-05	Analyzed
11	53	WTD0968-06	Analyzed
12	54	WTD0968-07	Analyzed
13	55	T000907-CCV5	Analyzed
14	56	T000907-CCB5	Analyzed

Analysis Begun

Logged In Analyst: wtlab
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-90

Sample Information File: C:\data-AA\WTLAB\Sample Information\050410W.sif
Batch ID:
Results Data Set: 050410W
Results Library: C:\data-AA\WTLAB\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 57
Sample ID: WTD0968-08
Date Collected: 5/4/2010 11:27:34 AM
Analyst:
Data Type: Original

Replicate Data: WTD0968-08

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	0.0002	0.0010	0.0004	11:28:25	Yes
2	-0.025	-0.025	0.0001	0.0008	0.0003	11:28:54	Yes
3	-0.022	-0.022	0.0002	0.0009	0.0003	11:29:23	Yes
Mean:	-0.023	-0.023	0.0002				
SD:	0.002	0.002	0.0000				
%RSD:	9.502	9.502	8.67				

Sequence No.: 2
Autosampler Location: 58
Sample ID: WTD0968-10
Date Collected: 5/4/2010 11:29:43 AM
Analyst:
Data Type: Original

Replicate Data: WTD0968-10

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.062	-0.062	-0.0001	0.0001	0.0001	11:30:34	Yes
2	-0.060	-0.060	-0.0001	0.0000	0.0001	11:31:03	Yes
3	-0.062	-0.062	-0.0001	-0.0001	0.0001	11:31:32	Yes
Mean:	-0.061	-0.061	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.321	1.321	5.75				

Sequence No.: 3
Autosampler Location: 59
Sample ID: WTD0968-11
Date Collected: 5/4/2010 11:31:52 AM
Analyst:
Data Type: Original

Replicate Data: WTD0968-11

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.058	-0.058	-0.0001	-0.0000	0.0001	11:32:43	Yes
2	-0.054	-0.054	-0.0000	0.0003	0.0001	11:33:13	Yes
3	-0.054	-0.054	-0.0000	0.0003	0.0001	11:33:42	Yes
Mean:	-0.056	-0.056	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	3.535	3.535	23.85				

Sequence No.: 4
Autosampler Location: 60
Sample ID: WTD0968-12
Date Collected: 5/4/2010 11:34:03 AM
Analyst:
Data Type: Original

Replicate Data: WTD0968-12

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.058	-0.058	-0.0001	0.0003	0.0001	11:34:54	Yes
2	-0.057	-0.057	-0.0001	0.0000	0.0001	11:35:23	Yes
3	-0.053	-0.053	-0.0000	0.0002	0.0001	11:35:53	Yes

Mean:	-0.056	-0.056	-0.0001
SD:	0.002	0.002	0.0000
%RSD:	4.381	4.381	28.17

Sequence No.: 5 Autosampler Location: 61
Sample ID: WTD0968-13 Date Collected: 5/4/2010 11:36:13 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-13

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.053	-0.053	-0.0000	0.0003	0.0001	11:37:05	Yes
2	-0.051	-0.051	-0.0000	0.0003	0.0002	11:37:34	Yes
3	-0.056	-0.056	-0.0001	0.0001	0.0001	11:38:04	Yes
Mean:	-0.053	-0.053	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	4.629	4.629	40.23				

Sequence No.: 6 Autosampler Location: 62
Sample ID: WTD0968-14 Date Collected: 5/4/2010 11:38:24 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-14

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.059	-0.059	-0.0001	0.0001	0.0001	11:39:16	Yes
2	-0.058	-0.058	-0.0001	0.0003	0.0001	11:39:45	Yes
3	-0.059	-0.059	-0.0001	0.0001	0.0001	11:40:15	Yes
Mean:	-0.059	-0.059	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.684	0.684	3.52				

Sequence No.: 7 Autosampler Location: 63
Sample ID: WTD0968-15 Date Collected: 5/4/2010 11:40:36 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-15

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.061	-0.061	-0.0001	-0.0001	0.0001	11:41:24	Yes
2	-0.061	-0.061	-0.0001	0.0001	0.0001	11:41:53	Yes
3	-0.060	-0.060	-0.0001	0.0002	0.0001	11:42:23	Yes
Mean:	-0.061	-0.061	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.427	0.427	1.94				

Sequence No.: 8 Autosampler Location: 64
Sample ID: WTD0968-16 Date Collected: 5/4/2010 11:42:40 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-16

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.058	-0.058	-0.0001	0.0002	0.0001	11:43:28	Yes
2	-0.065	-0.065	-0.0001	-0.0004	0.0001	11:43:58	Yes
3	-0.061	-0.061	-0.0001	0.0001	0.0001	11:44:27	Yes
Mean:	-0.062	-0.062	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	5.460	5.460	23.52				

Sequence No.: 9 Autosampler Location: 65
Sample ID: WTD0968-18 Date Collected: 5/4/2010 11:44:45 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-18

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.060	-0.060	-0.0001	0.0001	0.0001	11:45:34	Yes
2	-0.060	-0.060	-0.0001	0.0002	0.0001	11:46:03	Yes
3	-0.060	-0.060	-0.0001	0.0002	0.0001	11:46:33	Yes
Mean:	-0.060	-0.060	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.430	0.430	2.05				

Sequence No.: 10 Autosampler Location: 66
Sample ID: WTD0968-19 Date Collected: 5/4/2010 11:46:51 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-19

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.064	-0.064	-0.0001	0.0001	0.0001	11:47:40	Yes
2	-0.060	-0.060	-0.0001	0.0001	0.0001	11:48:09	Yes
3	-0.060	-0.060	-0.0001	0.0001	0.0001	11:48:39	Yes
Mean:	-0.061	-0.061	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	3.606	3.606	15.81				

Sequence No.: 11 Autosampler Location: 67
Sample ID: T000907-CCV6 Date Collected: 5/4/2010 11:48:57 AM
Analyst: Data Type: Original

Replicate Data: T000907-CCV6

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.768	4.768	0.0311	0.1000	0.0313	11:49:46	Yes
2	4.754	4.754	0.0310	0.1000	0.0312	11:50:16	Yes
3	4.787	4.787	0.0312	0.1009	0.0314	11:50:45	Yes
Mean:	4.770	4.770	0.0311				
SD:	0.017	0.017	0.0001				
%RSD:	0.346	0.346	0.34				

Sequence No.: 12 Autosampler Location: 68
Sample ID: T000907-CCB6 Date Collected: 5/4/2010 11:51:04 AM
Analyst: Data Type: Original

Replicate Data: T000907-CCB6

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	0.0001	0.0011	0.0003	11:51:53	Yes
2	-0.027	-0.027	0.0001	0.0009	0.0003	11:52:22	Yes
3	-0.026	-0.026	0.0001	0.0012	0.0003	11:52:52	Yes
Mean:	-0.026	-0.026	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.149	3.149	3.90				

Sequence No.: 13 Autosampler Location: 69
Sample ID: WTD0968-20 Date Collected: 5/4/2010 11:53:10 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-20

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.052	-0.052	-0.0000	0.0004	0.0002	11:54:00	Yes
2	-0.056	-0.056	-0.0001	0.0003	0.0001	11:54:29	Yes
3	-0.057	-0.057	-0.0001	0.0003	0.0001	11:54:59	Yes

Mean:	-0.055	-0.055	-0.0001
SD:	0.002	0.002	0.0000
%RSD:	4.376	4.376	31.08

Sequence No.: 14 Autosampler Location: 70
Sample ID: WTD0968-21 Date Collected: 5/4/2010 11:55:17 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-21

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.063	-0.063	-0.0001	0.0000	0.0001	11:56:08	Yes
2	-0.061	-0.061	-0.0001	0.0002	0.0001	11:56:37	Yes
3	-0.060	-0.060	-0.0001	0.0002	0.0001	11:57:06	Yes
Mean:	-0.061	-0.061	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	2.230	2.230	9.85				

Sequence No.: 15 Autosampler Location: 71
Sample ID: WTD0968-22 Date Collected: 5/4/2010 11:57:25 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-22

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.055	-0.055	-0.0000	0.0002	0.0001	11:58:16	Yes
2	-0.056	-0.056	-0.0001	0.0002	0.0001	11:58:45	Yes
3	-0.057	-0.057	-0.0001	0.0002	0.0001	11:59:14	Yes
Mean:	-0.056	-0.056	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	2.132	2.132	13.49				

Sequence No.: 16 Autosampler Location: 72
Sample ID: WTD0968-23 Date Collected: 5/4/2010 11:59:34 AM
Analyst: Data Type: Original

Replicate Data: WTD0968-23

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.058	-0.058	-0.0001	0.0003	0.0001	12:00:24	Yes
2	-0.060	-0.060	-0.0001	0.0002	0.0001	12:00:54	Yes
3	-0.058	-0.058	-0.0001	0.0001	0.0001	12:01:23	Yes
Mean:	-0.059	-0.059	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	2.350	2.350	12.26				

Analytical Sequence
Method: hg-fims

Seq.	Loc.	ID	Status
1	57	WTD0968-08	Analyzed
2	58	WTD0968-10	Analyzed
3	59	WTD0968-11	Analyzed
4	60	WTD0968-12	Analyzed
5	61	WTD0968-13	Analyzed
6	62	WTD0968-14	Analyzed
7	63	WTD0968-15	Analyzed
8	64	WTD0968-16	Analyzed
9	65	WTD0968-18	Analyzed
10	66	WTD0968-19	Analyzed
11	67	T000907-CCV6	Analyzed
12	68	T000907-CCB6	Analyzed
13	69	WTD0968-20	Analyzed
14	70	WTD0968-21	Analyzed
15	71	WTD0968-22	Analyzed
16	72	WTD0968-23	Analyzed

Analysis Begun

Logged In Analyst: wtlab
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-90

Sample Information File: C:\data-AA\WTLAB\Sample Information\050410W.sif
Batch ID:
Results Data Set: 050410W
Results Library: C:\data-AA\WTLAB\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 79
Sample ID: T000907-CCV7
Date Collected: 5/4/2010 12:02:06 PM
Analyst:
Data Type: Original

Replicate Data: T000907-CCV7

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.873	4.873	0.0318	0.1025	0.0320	12:02:54	Yes
2	4.808	4.808	0.0313	0.1011	0.0315	12:03:24	Yes
3	4.845	4.845	0.0316	0.1014	0.0318	12:03:53	Yes
Mean:	4.842	4.842	0.0316				
SD:	0.033	0.033	0.0002				
%RSD:	0.681	0.681	0.67				

Sequence No.: 2
Autosampler Location: 80
Sample ID: T000907-CCB7
Date Collected: 5/4/2010 12:04:11 PM
Analyst:
Data Type: Original

Replicate Data: T000907-CCB7

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.035	-0.035	0.0001	0.0007	0.0003	12:04:59	Yes
2	-0.036	-0.036	0.0001	0.0006	0.0003	12:05:29	Yes
3	-0.034	-0.034	0.0001	0.0006	0.0003	12:05:58	Yes
Mean:	-0.035	-0.035	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.618	3.618	10.21				

Sequence No.: 3
Autosampler Location: 81
Sample ID: 10E0037-BLK4
Date Collected: 5/4/2010 12:06:16 PM
Analyst:
Data Type: Original

Replicate Data: 10E0037-BLK4

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.063	-0.063	-0.0001	0.0001	0.0001	12:07:05	Yes
2	-0.065	-0.065	-0.0001	-0.0000	0.0001	12:07:34	Yes
3	-0.065	-0.065	-0.0001	-0.0002	0.0001	12:08:04	Yes
Mean:	-0.065	-0.065	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.729	1.729	6.48				

Sequence No.: 4
Autosampler Location: 82
Sample ID: 10E0037-BS4
Date Collected: 5/4/2010 12:08:22 PM
Analyst:
Data Type: Original

Replicate Data: 10E0037-BS4

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.436	2.436	0.0160	0.0514	0.0162	12:09:11	Yes
2	2.451	2.451	0.0161	0.0518	0.0163	12:09:40	Yes
3	2.436	2.436	0.0160	0.0513	0.0162	12:10:10	Yes

Analysis Begun

Logged In Analyst: wtlab
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-90

Sample Information File: C:\data-AA\WTLAB\Sample Information\050410W.sif
Batch ID:
Results Data Set: 050410W
Results Library: C:\data-AA\WTLAB\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 90
Sample ID: 0.5 STANDARD
Date Collected: 5/4/2010 12:23:56 PM
Analyst:
Data Type: Original

Replicate Data: 0.5 STANDARD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.511	0.511	0.0036	0.0119	0.0038	12:24:46	Yes
2	0.494	0.494	0.0035	0.0118	0.0037	12:25:16	Yes
3	0.502	0.502	0.0035	0.0118	0.0037	12:25:45	Yes
Mean:	0.502	0.502	0.0035				
SD:	0.009	0.009	0.0001				
%RSD:	1.711	1.711	1.56				

Sequence No.: 2
Autosampler Location: 91
Sample ID: T000907-CCV8
Date Collected: 5/4/2010 12:26:05 PM
Analyst:
Data Type: Original

Replicate Data: T000907-CCV8

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.693	4.693	0.0306	0.0989	0.0308	12:26:56	Yes
2	4.711	4.711	0.0307	0.0991	0.0309	12:27:26	Yes
3	4.756	4.756	0.0310	0.0997	0.0312	12:27:55	Yes
Mean:	4.720	4.720	0.0308				
SD:	0.032	0.032	0.0002				
%RSD:	0.683	0.683	0.68				

Sequence No.: 3
Autosampler Location: 92
Sample ID: T000907-CCB8
Date Collected: 5/4/2010 12:28:15 PM
Analyst:
Data Type: Original

Replicate Data: T000907-CCB8

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.038	-0.038	0.0001	0.0006	0.0002	12:29:03	Yes
2	-0.035	-0.035	0.0001	0.0007	0.0003	12:29:33	Yes
3	-0.034	-0.034	0.0001	0.0007	0.0003	12:30:02	Yes
Mean:	-0.036	-0.036	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.063	6.063	19.19				

Analytical Sequence
Method: hg-fims

Seq.	Loc.	ID	Status
1	90	0.5 STANDARD	Analyzed
2	91	T000907-CCV8	Analyzed
3	92	T000907-CCB8	Analyzed

Sample/Batch Report

User Name: wtlab
Computer Name: TAIWAT0124
Sample File: C:\Elandata\Sample\050510.sam
Report Date/Time: Wednesday, May 05, 2010 09:45:02

A/S Loc.	Batch ID	Sample ID	Description	Sample Type	Init. Quant.	Prep. Vol.
8	050510	curve		Sample		
149	050510	10E0039-ICV1	9110052/53 20PPB	Sample		
151	050510	10E0039-ICV2	9060067 5000ppb	Sample		
1	050510	10E0039-ICB1		Sample		
2	050510	LLQC 1 0.4		Sample		
150	050510	LLQC 1 2.0		Sample		
158	050510	ICSA 1-250	9100078 1/250	Sample		
159	050510	ICSB 1-10	8120073 1/10	Sample		
160	050510	LR500		Sample		
101	050510	10E0039-BS1		Sample		
102	050510	10E0039-BLK1		Sample		
103	050510	WTD0928-02		Sample		
104	050510	WTD0929-02@20		Sample		
105	050510	WTD0929-02		Sample		
106	050510	10E0039-MS1		Sample		
107	050510	10E0039-MSD1		Sample		
108	050510	WTD0937-02		Sample		
109	050510	WTD0937-11		Sample		
3	050510	10E0039-CCV1	9120049/50 20PPB	Sample		
6	050510	10E0039-CCV2	9060068 5000ppb	Sample		
1	050510	10E0039-CCB1		Sample		
111	050510	WTD0941-01		Sample		
112	050510	WTD0941-02		Sample		
113	050510	WTD0941-03		Sample		
114	050510	WTD0944-01		Sample		
115	050510	WTD0952-01		Sample		
3	050510	10E0039-CCV3	20	Sample		
6	050510	10E0039-CCV4	5000	Sample		
1	050510	10E0039-CCB2		Sample		
121	050510	WTD0968-02		Sample		
122	050510	WTD0968-03		Sample		
123	050510	WTD0968-04		Sample		
124	050510	WTD0968-05		Sample		
125	050510	WTD0968-06		Sample		
126	050510	WTD0968-07		Sample		
127	050510	WTD0968-08		Sample		
128	050510	WTD0968-10		Sample		
129	050510	WTD0968-11		Sample		
130	050510	WTD0968-12		Sample		
131	050510	WTD0968-13		Sample		
3	050510	CCV5	20	Sample		
6	050510	CCV6	5000	Sample		
1	050510	CCB3		Sample		
133	050510	10E0041-BLK1		Sample		
134	050510	10E0041-BS1		Sample		
135	050510	WTD0968-14		Sample		
136	050510	10E0041-MS1		Sample		
137	050510	10E0041-MSD1		Sample		
138	050510	WTD0968-15		Sample		

5.5.10

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139	050510	WTD0968-16		Sample
140	050510	WTD0968-18		Sample
141	050510	WTD0968-19		Sample
142	050510	WTD0968-20		Sample
3	050510	10E0041-CCV1	20	Sample
6	050510	10E0041-CCV2	5000	Sample
1	050510	10E0041-CCB1		Sample
143	050510	WTD0968-21		Sample
144	050510	WTD0968-22		Sample
145	050510	WTD0968-23		Sample
3	050510	10E0041-CCV3	20	Sample
6	050510	10E0041-CCV4	5000	Sample
1	050510	10E0041-CCB2		Sample
2	050510	LLQC 1 0.4		Sample
150	050510	LLQC 1 2.0		Sample
5	050510	LLQC 1 500		Sample

Sample/Batch Report

User Name: wtlab
Computer Name: TAIWAT0124
Sample File: C:\Elandata\Sample\050510.sam
Report Date/Time: Wednesday, May 05, 2010 11:37:05

A/S Loc.	Batch ID	Sample ID	Description	Sample Type	Init. Quant.	Prep. Vol.
8	050510	curve		Sample		
149	050510	icv1		Sample		
151	050510	icv2		Sample		
121	050510	WTD0968-02		Sample		
122	050510	WTD0968-03		Sample		
123	050510	WTD0968-04		Sample		
124	050510	WTD0968-05		Sample		
125	050510	WTD0968-06		Sample		
126	050510	WTD0968-07		Sample		
127	050510	WTD0968-08		Sample		
128	050510	WTD0968-10		Sample		
129	050510	WTD0968-11		Sample		
130	050510	WTD0968-12		Sample		
131	050510	WTD0968-13		Sample		
3	050510	CCV5	20	Sample		
6	050510	CCV6	5000	Sample		
1	050510	CCB3		Sample		
133	050510	10E0041-BLK1		Sample		
134	050510	10E0041-BS1		Sample		
135	050510	WTD0968-14		Sample		
136	050510	10E0041-MS1		Sample		
137	050510	10E0041-MSD1		Sample		
138	050510	WTD0968-15		Sample		
139	050510	WTD0968-16		Sample		
140	050510	WTD0968-18		Sample		
141	050510	WTD0968-19		Sample		
142	050510	WTD0968-20		Sample		
3	050510	10E0041-CCV1	20	Sample		
6	050510	10E0041-CCV2	5000	Sample		
1	050510	10E0041-CCB1		Sample		
143	050510	WTD0968-21		Sample		
144	050510	WTD0968-22		Sample		
145	050510	WTD0968-23		Sample		
3	050510	10E0041-CCV3	20	Sample		
6	050510	10E0041-CCV4	5000	Sample		
1	050510	10E0041-CCB2		Sample		
2	050510	LLQC 1 0.4		Sample		
150	050510	LLQC 1 2.0		Sample		
5	050510	LLQC 1 500		Sample		
121	050510	WTD0968-02@20		Sample		
122	050510	WTD0968-03@10		Sample		
123	050510	WTD0968-04@20		Sample		
124	050510	WTD0968-05@20		Sample		
125	050510	WTD0968-06@50		Sample		
126	050510	WTD0968-07@50		Sample		
127	050510	WTD0968-08@10		Sample		
128	050510	WTD0968-10@20		Sample		
129	050510	WTD0968-11@20		Sample		
130	050510	WTD0968-12@20		Sample		

131	050510	WTD0968-13@20		Sample
3	050510	10E0041-CCV1	20	Sample
6	050510	10E0041-CCV2	5000	Sample
1	050510	10E0041-CCB1		Sample
135	050510	WTD0968-14@20		Sample
138	050510	WTD0968-15@20		Sample
139	050510	WTD0968-16@20		Sample
140	050510	WTD0968-18@20		Sample
141	050510	WTD0968-19@20		Sample
142	050510	WTD0968-20@50		Sample
143	050510	WTD0968-21@20		Sample
144	050510	WTD0968-22@20		Sample
145	050510	WTD0968-23@20		Sample
3	050510	10E0041-CCV3	20	Sample
6	050510	10E0041-CCV4	5000	Sample
1	050510	10E0041-CCB2		Sample
2	050510	LLQC 1 0.4		Sample
150	050510	LLQC 1 2.0		Sample
5	050510	LLQC 1 500		Sample

PREPARATION BENCH SHEET

10E0039

TestAmerica Watertown

Matrix: Water - NonPotable | **Prepared using: Metals-ICPMS - SW 3020A_MS** | **Printed: 5/4/2010 7:59:52AM**

Lab Number	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
10E0039-BLK1	05/04/10 07:58	50	50					
10E0039-BS1	05/04/10 07:58	50	50	9110162		1000		
10E0039-CCV1	05/04/10 07:58	50	50	9120024		1		
10E0039-CCV2	05/04/10 07:58	50	50	9120025		1		
10E0039-MS1	05/04/10 07:58	50	50	9110162	WTD0929-02	1000		
10E0039-MSD1	05/04/10 07:58	50	50	9110162	WTD0929-02	1000		
WTD0928-02 *Arsenic, SW 6020A*	05/04/10 07:58 *Lead, SW 6020A*	50	50	STANTEC CONSULTING CORPORATION - L				
WTD0929-02	05/04/10 07:58	50	50	MAYNARD STEEL CASTING CO.			Added for BatchQC in: 10E0039	BatchQC
Vanadium, Dissolved SW	*Copper, SW 6020A*	*Iron, Dissolved SW 6020*	*Iron, SW 6020A*	*Lead, Dissolved SW 6020*	*Lead, SW 6020A*	*Manganese, Dissolved SW*	*Cobalt, Dissolved SW 60*	
Selenium, SW 6020A	*Barium, Dissolved SW 60*	*Manganese, SW 6020A*	*Chromium, SW 6020A*	*Cadmium, SW 6020A*	*Cadmium, Dissolved SW*	*Barium, SW 6020A*	*Arsenic, SW 6020A*	
Arsenic, EPA 200.8	*Arsenic, Dissolved SW 60*	*Antimony, SW 6020A*	*Antimony, Dissolved SW*	*Aluminum, SW 6020A*	*Beryllium, SW 6020A*			
WTD0937-02 *Antimony, Dissolved SW*	05/04/10 07:58	50	50	Sand Creek Consultants, Inc.				
WTD0937-11 *Antimony, Dissolved SW*	05/04/10 07:58	50	50	Sand Creek Consultants, Inc.				
WTD0941-01 *Arsenic, EPA 200.8*	05/04/10 07:58	50	50	TestAmerica Cedar Falls			reg limit=0.18 ppb	reg limit=0.18 ppb
WTD0941-02 *Arsenic, EPA 200.8*	05/04/10 07:58	50	50	TestAmerica Cedar Falls			reg limit=0.18 ppb	reg limit=0.18 ppb
WTD0941-03 *Arsenic, EPA 200.8*	05/04/10 07:58	50	50	TestAmerica Cedar Falls			reg limit=0.18 ppb	reg limit=0.18 ppb
WTD0944-01 *Copper, SW 6020A*	05/04/10 07:58	50	50	STANTEC CONSULTING CORPORATION - L				
WTD0952-01 *Lead, Dissolved SW 6020*	05/04/10 07:58	50	50	BT SQUARED, INC.				
WTD0968-02	05/04/10 07:58	50	50	BT SQUARED, INC.				

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

10E0039

TestAmerica Watertown

Matrix: Water - NonPotable | **Prepared using: Metals-ICPMS - SW 3020A_MS** | **Printed: 5/4/2010 7:59:52AM**

Lab Number	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments			
Cadmium, Dissolved SW	*Vanadium, Dissolved SW*	*Manganese, Dissolved Sl*	*Lead, Dissolved SW 602(*	*Cobalt, Dissolved SW 60*	*Barium, Dissolved SW 6(*	*Arsenic, Dissolved SW 6(*	*Iron, Dissolved SW 6020*			
WTD0968-03	05/04/10 07:58	50	50	BT SQUARED, INC.						
Lead, Dissolved SW 602(	*Arsenic, Dissolved SW 6(*	*Manganese, Dissolved Sl*	*Vanadium, Dissolved SW*	*Iron, Dissolved SW 6020*	*Cobalt, Dissolved SW 60*	*Barium, Dissolved SW 6(*	*Cadmium, Dissolved SW*			
WTD0968-04	05/04/10 07:58	50	50	BT SQUARED, INC.						
Arsenic, Dissolved SW 6(	*Barium, Dissolved SW 6(*	*Cadmium, Dissolved SW*	*Cobalt, Dissolved SW 60*	*Iron, Dissolved SW 6020*	*Lead, Dissolved SW 602(*	*Manganese, Dissolved Sl*	*Vanadium, Dissolved SW*			
WTD0968-05	05/04/10 07:58	50	50	BT SQUARED, INC.						
Cadmium, Dissolved SW	*Arsenic, Dissolved SW 6(*	*Cobalt, Dissolved SW 60*	*Iron, Dissolved SW 6020*	*Lead, Dissolved SW 602(*	*Manganese, Dissolved Sl*	*Vanadium, Dissolved SW*	*Barium, Dissolved SW 6(*			
WTD0968-06	05/04/10 07:58	50	50	BT SQUARED, INC.						
Barium, Dissolved SW 6(	*Vanadium, Dissolved SW*	*Manganese, Dissolved Sl*	*Lead, Dissolved SW 602(*	*Iron, Dissolved SW 6020*	*Cadmium, Dissolved SW*	*Arsenic, Dissolved SW 6(*	*Cobalt, Dissolved SW 60*			
WTD0968-07	05/04/10 07:58	50	50	BT SQUARED, INC.						
Lead, Dissolved SW 602(	*Barium, Dissolved SW 6(*	*Vanadium, Dissolved SW*	*Manganese, Dissolved Sl*	*Arsenic, Dissolved SW 6(*	*Cadmium, Dissolved SW*	*Cobalt, Dissolved SW 60*	*Iron, Dissolved SW 6020*			
WTD0968-08	05/04/10 07:58	50	50	BT SQUARED, INC.						
Cobalt, Dissolved SW 60	*Manganese, Dissolved Sl*	*Iron, Dissolved SW 6020*	*Cadmium, Dissolved SW*	*Barium, Dissolved SW 6(*	*Arsenic, Dissolved SW 6(*	*Vanadium, Dissolved SW*	*Lead, Dissolved SW 602(*			
WTD0968-10	05/04/10 07:58	50	50	BT SQUARED, INC.						
Iron, Dissolved SW 6020	*Manganese, Dissolved Sl*	*Vanadium, Dissolved SW*	*Lead, Dissolved SW 602(*	*Cadmium, Dissolved SW*	*Arsenic, Dissolved SW 6(*	*Cobalt, Dissolved SW 60*	*Barium, Dissolved SW 6(*			
WTD0968-11	05/04/10 07:58	50	50	BT SQUARED, INC.						
Cobalt, Dissolved SW 60	*Vanadium, Dissolved SW*	*Manganese, Dissolved Sl*	*Iron, Dissolved SW 6020*	*Cadmium, Dissolved SW*	*Barium, Dissolved SW 6(*	*Arsenic, Dissolved SW 6(*	*Lead, Dissolved SW 602(*			
WTD0968-12	05/04/10 07:58	50	50	BT SQUARED, INC.						
Barium, Dissolved SW 6(	*Manganese, Dissolved Sl*	*Vanadium, Dissolved SW*	*Lead, Dissolved SW 602(*	*Iron, Dissolved SW 6020*	*Cadmium, Dissolved SW*	*Arsenic, Dissolved SW 6(*	*Cobalt, Dissolved SW 60*			
WTD0968-13	05/04/10 07:58	50	50	BT SQUARED, INC.						
Vanadium, Dissolved SW	*Arsenic, Dissolved SW 6(*	*Barium, Dissolved SW 6(*	*Cadmium, Dissolved SW*	*Cobalt, Dissolved SW 60*	*Iron, Dissolved SW 6020*	*Lead, Dissolved SW 602(*	*Manganese, Dissolved Sl*			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Daily Performance Report

Sample ID: Daily Performance Check
Sample Date/Time: Wednesday, May 05, 2010 07:31:08
Sample Description:
Method File: C:\Elandata\Method\Daily Performance.mth
Dataset File: C:\Elandata\DataSet\Default\Daily Performance Check.373
Tuning File: C:\Elandata\Tuning\Default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	98344.6	98344.559	548.924	0.6
	In	114.9	418133.1	418133.111	6628.534	1.6
	U	238.1	391132.5	391132.549	1713.647	0.4
⌈>	Ce	139.9	469854.0	469853.989	5045.009	1.1
⌊	CeO	155.9	11721.4	0.025	0.000	1.5
⌈>	Ba	137.9	359683.7	359683.674	3331.959	0.9
⌊	Ba++	69.0	6540.8	0.018	0.000	1.5
	Bkgd	220.0	1.0	1.000	0.441	44.1
	Bkgd	8.5	40.1	40.100	3.798	9.5

Current Optimization File Data

Current Value	Description
0.85	Nebulizer Gas Flow [NEB]
1.20	Auxiliary Gas Flow
15.00	Plasma Gas Flow
7.50	Lens Voltage
1400.00	ICP RF Power
-1650.00	Analog Stage Voltage
900.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset Std [QRO]
-16.00	Cell Rod Offset Std [CRO]
16.00	Discriminator Threshold
-18.00	Cell Path Voltage Std [CPV]
0.00	RPa
0.25	RPq
0.85	DRC Mode NEB
-7.00	DRC Mode QRO
0.00	DRC Mode CRO
-19.00	DRC Mode CPV
0.00	Cell Gas A

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	33	7.3	7391.0
Co	59	33	9.0	234484.6
In	115	33	10.3	486561.4
U	238	33	11.5	393355.9

SmartTune Wizard - Summary

ɔtimization Summary

ıartTune file: C:\Elandata\Wizard\SmartTune\DAILY (no neb) mass@daily.swz

tart Time: 5/5/2010 7:20:20 AM
ıd Time: 5/5/2010 7:34:51 AM

ass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.712)
Target/Obtained mass (139.905/139.875), Target/Obtained resolution (0.7/0.702)
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.708)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.710)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.688)
Target/Obtained mass (58.9332/58.925), Target/Obtained resolution (0.7/0.714)
Target/Obtained mass (102.905/102.875), Target/Obtained resolution (0.7/0.698)
Target/Obtained mass (137.905/137.925), Target/Obtained resolution (0.7/0.699)

ebulizer Gas Flow [NEB] - [Passed] Optimum value(s): 0.85
Obtained Intensity (In 114.904): 413826
Obtained Formula (CeO 155.9 / Ce 139.905): 0.026 (=12027 / 455999)

utoLens - [Passed] Optimum value(s): y = 0.018 x + 7.649

aily Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Mg 23.985): 98345
Obtained Intensity (In 114.904): 418133
Obtained Intensity (U 238.05): 391133
Obtained Formula (CeO 155.9 / Ce 139.905): 0.025 (=11721 / 469854)
Obtained Formula (Ba++ 68.9525 / Ba 137.905): 0.018 (=6541 / 361011)

SmartTune Wizard - Details

ɔtimization Details

nartTune file: C:\Elandata\Wizard\SmartTune\DAILY (no neb) mass@daily.swz

ɔtimization Status

tart Time: 5/5/2010 7:20:20 AM

ass Calibration and Resolution
    Optimization Settings:
        Method: C:\Elandata\Method\EPA2008 TUNING.mth.
        Tuning File: C:\Elandata\Tuning\Default.tun
        Iterations: 6
        Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.1 for Resolution
        Peak height (%) for Res. Opt.: 10

    Optimization Results:
    Initial Try
        Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.712)
        Target/Obtained mass (139.905/139.875), Target/Obtained resolution (0.7/0.702)
        Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.708)
        Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.710)
        Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.688)
        Target/Obtained mass (58.9332/58.925), Target/Obtained resolution (0.7/0.714)
        Target/Obtained mass (102.905/102.875), Target/Obtained resolution (0.7/0.698)
        Target/Obtained mass (137.905/137.925), Target/Obtained resolution (0.7/0.699)
Passed] Optimum value(s): N/A

ebulizer Gas Flow [NEB]
    Optimization Settings:
        Method: Neb Gas Optimization.mth.
        Initial Try - Start/End/Step: 0.75/1.1/0.02.
        Intensity Criterion: In 114.904 Maximum
        Formula Criterion: CeO 155.9 / Ce 139.905 <= 0.03

    Optimization Results:
    Initial Try
        Obtained Intensity (In 114.904): 413826
        Obtained Formula (CeO 155.9 / Ce 139.905): 0.026 (=12027 / 455999)
Passed] Optimum value(s): 0.85

utoLens
    Optimization Settings:
        Method: AutoLens Calibration.mth.
        Initial Try - Start/End/Step: 4/12/0.25.

    Optimization Results:
    Initial Try
Passed] Optimum value(s): y = 0.018 x + 7.649

Analyte	Mass	Points	DAC	MaxIntensity
Be	9.012	33	7.25	7391
Co	58.933	33	9	234485
In	114.904	33	10.25	486561
U	238.05	33	11.5	393356

ıaily Performance Check
    Optimization Settings:

```
            Method: Daily Performance.mth.
            Intensity Criterion: Mg 23.985 > 50000
            Intensity Criterion: In 114.904 > 250000
            Intensity Criterion: U 238.05 > 200000
            Formula Criterion: CeO 155.9 / Ce 139.905 <= 0.03
            Formula Criterion: Ba++ 68.9525 / Ba 137.905 <= 0.05

      Optimization Results:
      Initial Try
            Obtained Intensity (Mg 23.985): 98345
            Obtained Intensity (In 114.904): 418133
            Obtained Intensity (U 238.05): 391133
            Obtained Formula (CeO 155.9 / Ce 139.905): 0.025 (=11721 / 469854)
            Obtained Formula (Ba++ 68.9525 / Ba 137.905): 0.018 (=6541 / 361011)
Passed]  Optimum value(s): N/A

nd Time: 5/5/2010 7:34:51 AM
```

Quantitative Analysis Summary

Sample ID: 10E0039-CCB1
Sample Date/Time: Wednesday, May 05, 2010 09:11:54
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-CCB1.001
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 1

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	Be	9	0	13		ug/L		%	9.1
|	V	51	0	759		ug/L		%	7.2
|	Cr	52	0	2476		ug/L		%	2.2
|	Mn	55	0	271		ug/L		%	16.1
|	Co	59	0	18		ug/L		%	57.7
⌊>	Sc	45	0	444920		ug/L		%	0.8
⌈	Cu	65	0	92		ug/L		%	13.2
|	As	75	0	-476		ug/L		%	17.2
|	Se	82	0	16		ug/L		%	114.1
⌊>	Ga	71	0	46962		ug/L		%	0.6
⌈	Cd1	111	0	15		ug/L		%	20.8
|	Cd2	106	0	-8		ug/L		%	114.0
|	Sb	123	0	109		ug/L		%	65.5
|	Ba	137	0	52		ug/L		%	3.8
⌊>	Rh	103	0	102034		ug/L		%	0.5
⌈	Pb	208	0	63		ug/L		%	12.1
⌊>	Tm	169	0	131072		ug/L		%	1.8
⌈	Al	27	0	31		ug/L		%	22.4
|	Fe	57	0	2612		ug/L		%	2.2
⌊>	Sc-1	45	0	444920		ug/L		%	0.8

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	Be	
|	V	
|	Cr	
|	Mn	
|	Co	
⌊>	Sc	
⌈	Cu	
|	As	
|	Se	
⌊>	Ga	
⌈	Cd1	
|	Cd2	
|	Sb	
|	Ba	
⌊>	Rh	
⌈	Pb	
⌊>	Tm	
⌈	Al	
|	Fe	
⌊>	Sc-1	

Quantitative Analysis Summary

Sample ID: Blank
Sample Date/Time: Wednesday, May 05, 2010 09:14:11
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\Blank.002
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 1

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9		7		**ug/L**		%	17.3
|	**V**	51		820		**ug/L**		%	4.2
|	**Cr**	52		2563		**ug/L**		%	3.3
|	**Mn**	55		256		**ug/L**		%	17.0
|	**Co**	59		19		**ug/L**		%	11.9
⌊>	**Sc**	45		411519		**ug/L**		%	3.3
⌈	**Cu**	65		101		**ug/L**		%	4.1
|	**As**	75		-377		**ug/L**		%	19.3
|	**Se**	82		43		**ug/L**		%	23.2
⌊>	**Ga**	71		46513		**ug/L**		%	1.9
⌈	**Cd1**	111		12		**ug/L**		%	0.0
|	**Cd2**	106		-7		**ug/L**		%	62.3
|	**Sb**	123		51		**ug/L**		%	67.7
|	**Ba**	137		35		**ug/L**		%	21.8
⌊>	**Rh**	103		97241		**ug/L**		%	3.1
⌈	**Pb**	208		63		**ug/L**		%	14.4
⌊>	**Tm**	169		129971		**ug/L**		%	1.8
⌈	**Al**	27		25		**ug/L**		%	9.4
|	**Fe**	57		2436		**ug/L**		%	1.9
⌊>	**Sc-1**	45		411519		**ug/L**		%	3.3

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	
⌈	**Pb**	
⌊>	**Tm**	
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: 0.40 ppb
Sample Date/Time: Wednesday, May 05, 2010 09:15:34
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\0.40 ppb.003
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 2

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	266	**0.40**	**ug/L**	0.068	16.9 %	16.5
|	**V**	51	820	1589	**0.40**	**ug/L**	0.030	7.5 %	3.3
|	**Cr**	52	2563	3319	**0.40**	**ug/L**	0.048	11.9 %	2.5
|	**Mn**	55	256	1611	**0.40**	**ug/L**	0.002	0.6 %	0.8
|	**Co**	59	19	812	**0.40**	**ug/L**	0.022	5.5 %	5.0
⌞>	**Sc**	45	411519	410950		**ug/L**		%	0.4
⌜	**Cu**	65	101	1061	**0.40**	**ug/L**	0.019	4.6 %	2.5
|	**As**	75	-377	113	**0.40**	**ug/L**	0.082	20.5 %	87.5
|	**Se**	82	43	81	**0.40**	**ug/L**	0.092	23.0 %	9.9
⌞>	**Ga**	71	46513	46079		**ug/L**		%	2.2
⌜	**Cd1**	111	12	961	**0.40**	**ug/L**	0.034	8.4 %	6.1
|	**Cd2**	106	-7	76	**0.40**	**ug/L**	0.013	3.2 %	3.4
|	**Sb**	123	51	2014	**0.40**	**ug/L**	0.030	7.6 %	4.4
|	**Ba**	137	35	1747	**0.40**	**ug/L**	0.011	2.8 %	4.2
⌞>	**Rh**	103	97241	97622		**ug/L**		%	3.0
⌜	**Pb**	208	63	2054	**0.40**	**ug/L**	0.004	0.9 %	3.3
⌞>	**Tm**	169	129971	128598		**ug/L**		%	2.6
⌜	**Al**	27	25	58		**ug/L**		%	9.1
|	**Fe**	57	2436	2492		**ug/L**		%	5.4
⌞>	**Sc-1**	45	411519	410950		**ug/L**		%	0.4

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	
⌜	**Pb**	
⌞>	**Tm**	
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: 20 ppb
Sample Date/Time: Wednesday, May 05, 2010 09:16:57
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\20 ppb.004
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 3

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	12296	**20.00**	**ug/L**	0.171	0.9 %	2.2
|	**V**	51	820	45614	**20.00**	**ug/L**	0.349	1.7 %	1.3
|	**Cr**	52	2563	41747	**20.00**	**ug/L**	0.726	3.6 %	2.4
|	**Mn**	55	256	68093	**20.00**	**ug/L**	0.685	3.4 %	2.2
|	**Co**	59	19	40617	**20.00**	**ug/L**	0.553	2.8 %	1.9
⌊>	**Sc**	45	411519	417792		**ug/L**		%	1.3
⌈	**Cu**	65	101	50314	**20.00**	**ug/L**	0.380	1.9 %	1.1
|	**As**	75	-377	25652	**20.00**	**ug/L**	0.376	1.9 %	1.6
|	**Se**	82	43	2810	**20.00**	**ug/L**	0.650	3.3 %	2.7
⌊>	**Ga**	71	46513	46706		**ug/L**		%	2.4
⌈	**Cd1**	111	12	45714	**20.00**	**ug/L**	0.934	4.7 %	3.5
|	**Cd2**	106	-7	4492	**20.00**	**ug/L**	0.439	2.2 %	3.0
|	**Sb**	123	51	105056	**20.00**	**ug/L**	0.709	3.5 %	2.3
|	**Ba**	137	35	81213	**20.00**	**ug/L**	0.831	4.2 %	1.4
⌊>	**Rh**	103	97241	99565		**ug/L**		%	3.7
⌈	**Pb**	208	63	97862	**20.00**	**ug/L**	0.138	0.7 %	1.7
⌊>	**Tm**	169	129971	128563		**ug/L**		%	1.0
⌈	**Al**	27	25	999		**ug/L**		%	5.8
|	**Fe**	57	2436	3250		**ug/L**		%	4.3
⌊>	**Sc-1**	45	411519	417792		**ug/L**		%	1.3

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	
⌈	**Pb**	
⌊>	**Tm**	
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: 100 ppb
Sample Date/Time: Wednesday, May 05, 2010 09:18:20
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\100 ppb.005
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 4

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	61801	**100.02**	**ug/L**	3.681	3.7 %	0.6
|	**V**	51	820	229958	**100.09**	**ug/L**	5.447	5.4 %	2.7
|	**Cr**	52	2563	200359	**100.04**	**ug/L**	5.643	5.6 %	2.0
|	**Mn**	55	256	337233	**99.97**	**ug/L**	5.009	5.0 %	1.8
|	**Co**	59	19	201164	**99.96**	**ug/L**	5.461	5.5 %	1.8
⌊>	**Sc**	45	411519	418469		**ug/L**		%	3.7
⌈	**Cu**	65	101	251490	**99.92**	**ug/L**	1.883	1.9 %	1.8
|	**As**	75	-377	130719	**99.94**	**ug/L**	0.985	1.0 %	2.0
|	**Se**	82	43	14032	**99.96**	**ug/L**	2.809	2.8 %	2.3
⌊>	**Ga**	71	46513	47745		**ug/L**		%	2.1
⌈	**Cd1**	111	12	228198	**99.95**	**ug/L**	2.626	2.6 %	4.8
|	**Cd2**	106	-7	22835	**100.02**	**ug/L**	1.623	1.6 %	1.0
|	**Sb**	123	51	539486	**100.06**	**ug/L**	1.696	1.7 %	1.2
|	**Ba**	137	35	421160	**100.09**	**ug/L**	4.329	4.3 %	6.0
⌊>	**Rh**	103	97241	100643		**ug/L**		%	2.2
⌈	**Pb**	208	63	499156	**99.89**	**ug/L**	1.084	1.1 %	1.6
⌊>	**Tm**	169	129971	134815		**ug/L**		%	0.6
⌈	**Al**	27	25	4759	**100.00**	**ug/L**	3.885	3.9 %	2.9
|	**Fe**	57	2436	6171	**100.00**	**ug/L**	6.134	6.1 %	0.6
⌊>	**Sc-1**	45	411519	418469		**ug/L**		%	3.7

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	
⌈	**Pb**	
⌊>	**Tm**	
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: 500 ppb
Sample Date/Time: Wednesday, May 05, 2010 09:19:44
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\500 ppb.006
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 5

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	19	**0.02**	**ug/L**	0.013	63.0 %	41.8
|	**V**	51	820	840	**0.00**	**ug/L**	0.032	2679.3 %	7.6
|	**Cr**	52	2563	2640	**0.01**	**ug/L**	0.031	271.5 %	1.3
|	**Mn**	55	256	866	**0.18**	**ug/L**	0.019	10.8 %	6.6
|	**Co**	59	19	70	**0.02**	**ug/L**	0.010	41.6 %	30.9
⌊>	**Sc**	45	411519	420241		**ug/L**		%	1.1
⌜	**Cu**	65	101	235	**0.05**	**ug/L**	0.005	8.8 %	5.0
|	**As**	75	-377	-327	**0.05**	**ug/L**	0.047	100.3 %	19.4
|	**Se**	82	43	39	**-0.04**	**ug/L**	0.143	355.9 %	52.1
⌊>	**Ga**	71	46513	47988		**ug/L**		%	0.9
⌜	**Cd1**	111	12	56	**0.02**	**ug/L**	0.004	20.1 %	12.4
|	**Cd2**	106	-7	-3	**0.02**	**ug/L**	0.037	173.6 %	313.7
|	**Sb**	123	51	3379	**0.61**	**ug/L**	0.320	52.6 %	48.8
|	**Ba**	137	35	163	**0.03**	**ug/L**	0.017	56.9 %	40.5
⌊>	**Rh**	103	97241	103507		**ug/L**		%	3.8
⌜	**Pb**	208	63	244	**0.03**	**ug/L**	0.010	29.3 %	22.8
⌊>	**Tm**	169	129971	137679		**ug/L**		%	1.9
⌜	**Al**	27	25	25171	**501.04**	**ug/L**	15.575	3.1 %	4.0
|	**Fe**	57	2436	21864	**500.79**	**ug/L**	8.129	1.6 %	1.5
⌊>	**Sc-1**	45	411519	420241		**ug/L**		%	1.1

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	
⌜	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	
⌜	**Pb**	
⌊>	**Tm**	
⌜	**Al**	
|	**Fe**	
⌊>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: 5000 ppb
Sample Date/Time: Wednesday, May 05, 2010 09:21:07
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\5000 ppb.007
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 6

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	19	**0.02**	**ug/L**	0.018	81.2 %	53.1
|	**V**	51	820	709	**-0.04**	**ug/L**	0.046	109.3 %	11.5
|	**Cr**	52	2563	2470	**-0.02**	**ug/L**	0.044	213.5 %	0.6
|	**Mn**	55	256	1607	**0.42**	**ug/L**	0.028	6.8 %	2.6
|	**Co**	59	19	243	**0.12**	**ug/L**	0.020	17.1 %	12.9
⌞>	**Sc**	45	411519	403036		**ug/L**		%	3.1
⌜	**Cu**	65	101	581	**0.22**	**ug/L**	0.036	16.5 %	12.2
|	**As**	75	-377	-354	**-0.01**	**ug/L**	0.053	1004.0 %	18.1
|	**Se**	82	43	36	**-0.03**	**ug/L**	0.060	217.1 %	18.6
⌞>	**Ga**	71	46513	42932		**ug/L**		%	2.5
⌜	**Cd1**	111	12	51	**0.02**	**ug/L**	0.016	88.2 %	68.0
|	**Cd2**	106	-7	0	**0.03**	**ug/L**	0.039	115.1 %	4201.3
|	**Sb**	123	51	887	**0.16**	**ug/L**	0.061	37.0 %	34.7
|	**Ba**	137	35	170	**0.03**	**ug/L**	0.017	48.5 %	39.0
⌞>	**Rh**	103	97241	95081		**ug/L**		%	0.2
⌜	**Pb**	208	63	375	**0.07**	**ug/L**	0.022	32.5 %	24.2
⌞>	**Tm**	169	129971	128068		**ug/L**		%	3.1
⌜	**Al**	27	25	261345	**5004.09**	**ug/L**	64.530	1.3 %	2.2
|	**Fe**	57	2436	188468	**5000.17**	**ug/L**	96.621	1.9 %	1.3
⌞>	**Sc-1**	45	411519	403036		**ug/L**		%	3.1

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	
⌜	**Pb**	
⌞>	**Tm**	
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: 20000 ppb
Sample Date/Time: Wednesday, May 05, 2010 09:22:30
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\20000 ppb.008
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 7

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	19	**0.02**	ug/L	0.007	30.5 %	21.5
|	**V**	51	820	519	**-0.11**	ug/L	0.021	19.4 %	9.7
|	**Cr**	52	2563	2473	**0.09**	ug/L	0.034	38.7 %	3.4
|	**Mn**	55	256	4804	**1.52**	ug/L	0.036	2.4 %	1.8
|	**Co**	59	19	718	**0.39**	ug/L	0.025	6.5 %	5.0
⌊>	**Sc**	45	411519	372256		ug/L		%	1.4
⌈	**Cu**	65	101	957	**0.41**	ug/L	0.020	4.8 %	1.8
|	**As**	75	-377	-304	**0.02**	ug/L	0.040	210.5 %	11.2
|	**Se**	82	43	68	**0.26**	ug/L	0.177	69.1 %	33.9
⌊>	**Ga**	71	46513	40230		ug/L		%	3.7
⌈	**Cd1**	111	12	30	**0.01**	ug/L	0.006	54.8 %	34.6
|	**Cd2**	106	-7	-11	**-0.02**	ug/L	0.062	265.4 %	112.1
|	**Sb**	123	51	442	**0.09**	ug/L	0.039	43.8 %	38.8
|	**Ba**	137	35	307	**0.08**	ug/L	0.008	10.5 %	6.9
⌊>	**Rh**	103	97241	84227		ug/L		%	3.1
⌈	**Pb**	208	63	423	**0.09**	ug/L	0.007	8.0 %	8.1
⌊>	**Tm**	169	129971	115906		ug/L		%	4.3
⌈	**Al**	27	25	893807	**19906.48**	ug/L	896.703	4.5 %	3.1
|	**Fe**	57	2436	666692	**19958.78**	ug/L	488.586	2.4 %	1.4
⌊>	**Sc-1**	45	411519	372256		ug/L		%	1.4

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	
⌈	**Pb**	
⌊>	**Tm**	
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	

Quantitative Analysis Summary

Sample ID: curve
Sample Date/Time: Wednesday, May 05, 2010 09:23:53
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\curve.009
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 8

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	18	**0.02**	**ug/L**	0.002	13.0 %	11.1
|	**V**	51	820	782	**-0.02**	**ug/L**	0.004	24.5 %	2.0
|	**Cr**	52	2563	2524	**-0.01**	**ug/L**	0.049	402.9 %	1.4
|	**Mn**	55	256	302	**0.01**	**ug/L**	0.007	48.6 %	9.9
|	**Co**	59	19	19	**-0.00**	**ug/L**	0.003	903.6 %	34.4
⌊>	**Sc**	45	411519	409249		**ug/L**		%	2.9
⌈	**Cu**	65	101	113	**0.01**	**ug/L**	0.007	130.4 %	13.2
|	**As**	75	-377	-423	**-0.04**	**ug/L**	0.020	47.3 %	8.3
|	**Se**	82	43	35	**-0.06**	**ug/L**	0.020	34.6 %	7.4
⌊>	**Ga**	71	46513	45852		**ug/L**		%	3.6
⌈	**Cd1**	111	12	15	**0.00**	**ug/L**	0.003	196.9 %	39.8
|	**Cd2**	106	-7	-8	**-0.00**	**ug/L**	0.024	975.8 %	67.7
|	**Sb**	123	51	231	**0.03**	**ug/L**	0.018	53.2 %	41.9
|	**Ba**	137	35	53	**0.00**	**ug/L**	0.002	47.5 %	15.8
⌊>	**Rh**	103	97241	98809		**ug/L**		%	0.8
⌈	**Pb**	208	63	77	**0.00**	**ug/L**	0.004	129.0 %	23.9
⌊>	**Tm**	169	129971	129620		**ug/L**		%	1.5
⌈	**Al**	27	25	339	**6.44**	**ug/L**	4.973	77.2 %	69.1
|	**Fe**	57	2436	2962	**14.74**	**ug/L**	3.567	24.2 %	5.3
⌊>	**Sc-1**	45	411519	409249		**ug/L**		%	2.9

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	99.449
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	98.578
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	101.613
⌈	**Pb**	
⌊>	**Tm**	99.730
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	99.449

Quantitative Analysis Summary

Sample ID: 10E0039-ICV1
Sample Date/Time: Wednesday, May 05, 2010 09:25:17
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-ICV1.010
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 149

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	12196	**19.98**	ug/L	0.650	3.3 %	2.9
|	**V**	51	820	46115	**20.03**	ug/L	0.142	0.7 %	0.8
|	**Cr**	52	2563	42098	**20.24**	ug/L	0.435	2.1 %	0.9
|	**Mn**	55	256	65442	**19.58**	ug/L	0.070	0.4 %	0.9
|	**Co**	59	19	39361	**19.79**	ug/L	0.243	1.2 %	0.9
⌊>	**Sc**	45	411519	412861		ug/L		%	1.3
⌜	**Cu**	65	101	50145	**20.60**	ug/L	0.396	1.9 %	2.1
|	**As**	75	-377	25269	**20.25**	ug/L	0.511	2.5 %	2.7
|	**Se**	82	43	2713	**19.76**	ug/L	1.005	5.1 %	4.9
⌊>	**Ga**	71	46513	46087		ug/L		%	0.2
⌜	**Cd1**	111	12	43524	**19.47**	ug/L	0.760	3.9 %	0.7
|	**Cd2**	106	-7	4242	**18.97**	ug/L	0.254	1.3 %	4.1
|	**Sb**	123	51	102177	**19.34**	ug/L	1.036	5.4 %	1.5
|	**Ba**	137	35	81194	**19.70**	ug/L	0.613	3.1 %	0.9
⌊>	**Rh**	103	97241	98675		ug/L		%	4.0
⌜	**Pb**	208	63	97345	**19.90**	ug/L	1.106	5.6 %	1.6
⌊>	**Tm**	169	129971	132098		ug/L		%	4.0
⌜	**Al**	27	25	1291	**25.47**	ug/L	6.532	25.6 %	23.8
|	**Fe**	57	2436	3467	**27.76**	ug/L	7.573	27.3 %	6.8
⌊>	**Sc-1**	45	411519	412861		ug/L		%	1.3

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	100.326
⌜	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	99.084
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	101.475
⌜	**Pb**	
⌊>	**Tm**	101.637
⌜	**Al**	
|	**Fe**	
⌊>	**Sc-1**	100.326

Quantitative Analysis Summary

Sample ID: 10E0039-ICV2
Sample Date/Time: Wednesday, May 05, 2010 09:26:41
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-ICV2.011
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 151

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	15	**0.01**	ug/L	0.007	50.0 %	30.1
|	**V**	51	820	795	**-0.00**	ug/L	0.043	1428.6 %	10.0
|	**Cr**	52	2563	2600	**0.05**	ug/L	0.069	139.5 %	3.7
|	**Mn**	55	256	1680	**0.44**	ug/L	0.023	5.2 %	4.7
|	**Co**	59	19	232	**0.11**	ug/L	0.026	23.7 %	19.9
⌊>	**Sc**	45	411519	402488		ug/L		%	1.9
⌈	**Cu**	65	101	557	**0.19**	ug/L	0.017	8.7 %	6.2
|	**As**	75	-377	-322	**0.03**	ug/L	0.003	7.6 %	1.7
|	**Se**	82	43	42	**-0.00**	ug/L	0.287	56890.3 %	90.7
⌊>	**Ga**	71	46513	44901		ug/L		%	1.2
⌈	**Cd1**	111	12	47	**0.02**	ug/L	0.005	31.5 %	21.6
|	**Cd2**	106	-7	8	**0.07**	ug/L	0.022	30.4 %	53.3
|	**Sb**	123	51	1105	**0.21**	ug/L	0.091	43.7 %	42.1
|	**Ba**	137	35	240	**0.05**	ug/L	0.004	8.3 %	5.5
⌊>	**Rh**	103	97241	94880		ug/L		%	3.4
⌈	**Pb**	208	63	320	**0.05**	ug/L	0.002	3.5 %	4.9
⌊>	**Tm**	169	129971	127165		ug/L		%	2.1
⌈	**Al**	27	25	235598	**4851.04**	ug/L	46.084	0.9 %	1.5
|	**Fe**	57	2436	176161	**4826.98**	ug/L	33.604	0.7 %	1.4
⌊>	**Sc-1**	45	411519	402488		ug/L		%	1.9

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	97.805
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	96.534
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	97.572
⌈	**Pb**	
⌊>	**Tm**	97.842
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	97.805

Quantitative Analysis Summary

Sample ID: 10E0039-ICB1
Sample Date/Time: Wednesday, May 05, 2010 09:28:06
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-ICB1.012
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 1

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	14	**0.01**	**ug/L**	0.004	29.8 %	14.3
|	**V**	51	820	751	**-0.02**	**ug/L**	0.033	138.9 %	8.2
|	**Cr**	52	2563	2512	**0.00**	**ug/L**	0.055	6296.4 %	3.2
|	**Mn**	55	256	275	**0.01**	**ug/L**	0.007	88.9 %	6.1
|	**Co**	59	19	19	**0.00**	**ug/L**	0.004	1563.1 %	36.3
⌊>	**Sc**	45	411519	403170		**ug/L**		%	1.6
⌈	**Cu**	65	101	122	**0.01**	**ug/L**	0.030	303.4 %	58.0
|	**As**	75	-377	-475	**-0.09**	**ug/L**	0.077	88.8 %	16.9
|	**Se**	82	43	40	**-0.02**	**ug/L**	0.030	176.9 %	11.4
⌊>	**Ga**	71	46513	45509		**ug/L**		%	3.9
⌈	**Cd1**	111	12	21	**0.00**	**ug/L**	0.002	62.0 %	24.4
|	**Cd2**	106	-7	-7	**0.00**	**ug/L**	0.028	2501.7 %	89.4
|	**Sb**	123	51	319	**0.05**	**ug/L**	0.019	37.3 %	32.7
|	**Ba**	137	35	45	**0.00**	**ug/L**	0.001	27.4 %	5.1
⌊>	**Rh**	103	97241	98139		**ug/L**		%	2.2
⌈	**Pb**	208	63	75	**0.00**	**ug/L**	0.002	81.0 %	15.6
⌊>	**Tm**	169	129971	129653		**ug/L**		%	2.1
⌈	**Al**	27	25	105	**1.66**	**ug/L**	1.392	83.6 %	63.2
|	**Fe**	57	2436	2600	**5.93**	**ug/L**	2.783	46.9 %	4.4
⌊>	**Sc-1**	45	411519	403170		**ug/L**		%	1.6

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	97.971
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	97.841
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	100.924
⌈	**Pb**	
⌊>	**Tm**	99.756
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	97.971

Quantitative Analysis Summary

Sample ID: LLQC 1 0.4
Sample Date/Time: Wednesday, May 05, 2010 09:29:29
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\LLQC 1 0.4.013
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 2

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	276	**0.47**	**ug/L**	0.074	15.8 %	10.1
|	**V**	51	820	1661	**0.41**	**ug/L**	0.053	13.0 %	3.3
|	**Cr**	52	2563	3393	**0.51**	**ug/L**	0.101	19.9 %	2.4
|	**Mn**	55	256	1592	**0.43**	**ug/L**	0.032	7.6 %	2.8
|	**Co**	59	19	785	**0.41**	**ug/L**	0.062	15.3 %	6.9
⌞>	**Sc**	45	411519	393858		**ug/L**		%	7.6
⌜	**Cu**	65	101	1157	**0.46**	**ug/L**	0.066	14.4 %	2.3
|	**As**	75	-377	132	**0.41**	**ug/L**	0.074	18.2 %	54.6
|	**Se**	82	43	130	**0.70**	**ug/L**	0.286	41.1 %	20.7
⌞>	**Ga**	71	46513	44550		**ug/L**		%	10.5
⌜	**Cd1**	111	12	942	**0.43**	**ug/L**	0.031	7.1 %	3.8
|	**Cd2**	106	-7	98	**0.49**	**ug/L**	0.123	24.8 %	19.3
|	**Sb**	123	51	2215	**0.43**	**ug/L**	0.062	14.5 %	3.3
|	**Ba**	137	35	1667	**0.42**	**ug/L**	0.067	16.0 %	4.7
⌞>	**Rh**	103	97241	95106		**ug/L**		%	10.1
⌜	**Pb**	208	63	2069	**0.44**	**ug/L**	0.053	11.9 %	2.1
⌞>	**Tm**	169	129971	123945		**ug/L**		%	10.4
⌜	**Al**	27	25	85	**1.35**	**ug/L**	1.083	80.0 %	50.1
|	**Fe**	57	2436	2573	**7.03**	**ug/L**	3.553	50.5 %	4.0
⌞>	**Sc-1**	45	411519	393858		**ug/L**		%	7.6

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	95.708
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	95.780
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	97.804
⌜	**Pb**	
⌞>	**Tm**	95.363
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	95.708

Quantitative Analysis Summary

Sample ID: LLQC 1 2.0
Sample Date/Time: Wednesday, May 05, 2010 09:30:53
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\LLQC 1 2.0.014
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 150

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	1219	**1.98**	**ug/L**	0.091	4.6 %	2.7
|	**V**	51	820	5298	**1.97**	**ug/L**	0.053	2.7 %	0.4
|	**Cr**	52	2563	6463	**1.98**	**ug/L**	0.133	6.7 %	2.2
|	**Mn**	55	256	6658	**1.91**	**ug/L**	0.034	1.8 %	0.9
|	**Co**	59	19	3966	**1.98**	**ug/L**	0.095	4.8 %	3.6
⌊>	**Sc**	45	411519	414718		**ug/L**		%	1.9
⌜	**Cu**	65	101	4971	**2.01**	**ug/L**	0.103	5.2 %	2.9
|	**As**	75	-377	2138	**1.99**	**ug/L**	0.244	12.3 %	11.3
|	**Se**	82	43	361	**2.36**	**ug/L**	0.199	8.4 %	4.4
⌊>	**Ga**	71	46513	46038		**ug/L**		%	3.5
⌜	**Cd1**	111	12	4402	**1.91**	**ug/L**	0.018	0.9 %	1.5
|	**Cd2**	106	-7	422	**1.87**	**ug/L**	0.095	5.1 %	4.1
|	**Sb**	123	51	9905	**1.81**	**ug/L**	0.084	4.6 %	3.1
|	**Ba**	137	35	7946	**1.87**	**ug/L**	0.020	1.1 %	1.0
⌊>	**Rh**	103	97241	101457		**ug/L**		%	1.9
⌜	**Pb**	208	63	9421	**1.93**	**ug/L**	0.095	4.9 %	3.0
⌊>	**Tm**	169	129971	130747		**ug/L**		%	3.2
⌜	**Al**	27	25	168	**2.86**	**ug/L**	0.424	14.8 %	12.9
|	**Fe**	57	2436	2560	**2.82**	**ug/L**	5.605	198.9 %	8.8
⌊>	**Sc-1**	45	411519	414718		**ug/L**		%	1.9

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	100.777
⌜	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	98.979
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	104.336
⌜	**Pb**	
⌊>	**Tm**	100.598
⌜	**Al**	
|	**Fe**	
⌊>	**Sc-1**	100.777

Quantitative Analysis Summary

Sample ID: ICSA 1-250
Sample Date/Time: Wednesday, May 05, 2010 09:32:17
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\ICSA 1-250.015
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 158

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	10	**0.01**	ug/L	0.009	162.5 %	52.9
|	**V**	51	820	718	**-0.05**	ug/L	0.030	62.3 %	10.1
|	**Cr**	52	2563	2711	**0.06**	ug/L	0.044	69.4 %	3.8
|	**Mn**	55	256	735	**0.14**	ug/L	0.012	8.4 %	5.0
|	**Co**	59	19	129	**0.05**	ug/L	0.007	12.1 %	10.9
⌊>	**Sc**	45	411519	415225		ug/L		%	0.6
⌈	**Cu**	65	101	421	**0.13**	ug/L	0.017	13.9 %	9.4
|	**As**	75	-377	-429	**-0.03**	ug/L	0.074	238.9 %	20.9
|	**Se**	82	43	50	**0.04**	ug/L	0.127	305.6 %	33.4
⌊>	**Ga**	71	46513	48062		ug/L		%	3.5
⌈	**Cd1**	111	12	428	**0.17**	ug/L	0.003	2.0 %	3.6
|	**Cd2**	106	-7	-13345	**-56.02**	ug/L	2.057	3.7 %	1.9
|	**Sb**	123	51	286	**0.04**	ug/L	0.019	46.7 %	36.1
|	**Ba**	137	35	285	**0.06**	ug/L	0.003	5.4 %	5.4
⌊>	**Rh**	103	97241	104939		ug/L		%	1.9
⌈	**Pb**	208	63	189	**0.02**	ug/L	0.003	12.8 %	7.4
⌊>	**Tm**	169	129971	134897		ug/L		%	2.2
⌈	**Al**	27	25	99160	**1978.61**	ug/L	32.996	1.7 %	1.9
|	**Fe**	57	2436	80544	**2102.28**	ug/L	8.340	0.4 %	0.7
⌊>	**Sc-1**	45	411519	415225		ug/L		%	0.6

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	100.901
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	103.330
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	107.916
⌈	**Pb**	
⌊>	**Tm**	103.790
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	100.901

Quantitative Analysis Summary

Sample ID: ICSB 1-10
Sample Date/Time: Wednesday, May 05, 2010 09:33:40
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\ICSB 1-10.016
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 159

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	19	**0.03**	**ug/L**	0.008	28.9 %	21.5
|	**V**	51	820	38204	**20.57**	**ug/L**	0.552	2.7 %	0.9
|	**Cr**	52	2563	19537	**11.08**	**ug/L**	0.482	4.4 %	1.2
|	**Mn**	55	256	33886	**12.54**	**ug/L**	0.311	2.5 %	1.1
|	**Co**	59	19	32392	**20.19**	**ug/L**	0.704	3.5 %	1.4
⌞>	**Sc**	45	411519	333336		**ug/L**		%	3.6
⌜	**Cu**	65	101	21110	**9.89**	**ug/L**	0.381	3.9 %	0.5
|	**As**	75	-377	11246	**10.43**	**ug/L**	0.260	2.5 %	2.7
|	**Se**	82	43	1328	**10.89**	**ug/L**	0.302	2.8 %	6.0
⌞>	**Ga**	71	46513	40387		**ug/L**		%	3.6
⌜	**Cd1**	111	12	16141	**9.58**	**ug/L**	0.494	5.2 %	3.3
|	**Cd2**	106	-7	973	**5.80**	**ug/L**	0.288	5.0 %	2.1
|	**Sb**	123	51	629	**0.15**	**ug/L**	0.012	8.2 %	9.3
|	**Ba**	137	35	1143	**0.36**	**ug/L**	0.017	4.8 %	2.2
⌞>	**Rh**	103	97241	74344		**ug/L**		%	3.1
⌜	**Pb**	208	63	1493	**0.40**	**ug/L**	0.006	1.4 %	0.9
⌞>	**Tm**	169	129971	97073		**ug/L**		%	2.0
⌜	**Al**	27	25	1655582	**41233.63**	**ug/L**	3180.557	7.7 %	4.5
|	**Fe**	57	2436	1452216	**48644.30**	**ug/L**	368.119	0.8 %	2.8
⌞>	**Sc-1**	45	411519	333336		**ug/L**		%	3.6

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	81.001
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	86.829
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	76.454
⌜	**Pb**	
⌞>	**Tm**	74.688
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	81.001

Quantitative Analysis Summary

Sample ID: LR500
Sample Date/Time: Wednesday, May 05, 2010 09:35:03
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\LR500.017
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 160

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	296957	**471.60**	ug/L	7.818	1.7 %	2.4
|	**V**	51	820	1152091	**493.40**	ug/L	9.221	1.9 %	0.6
|	**Cr**	52	2563	992296	**491.05**	ug/L	4.550	0.9 %	0.5
|	**Mn**	55	256	1692904	**492.66**	ug/L	6.222	1.3 %	0.1
|	**Co**	59	19	1017964	**496.20**	ug/L	4.386	0.9 %	1.0
⌞>	**Sc**	45	411519	426083		ug/L		%	1.4
⌜	**Cu**	65	101	1244996	**483.81**	ug/L	17.758	3.7 %	1.5
|	**As**	75	-377	672050	**501.23**	ug/L	14.983	3.0 %	0.4
|	**Se**	82	43	73865	**515.78**	ug/L	18.310	3.5 %	0.8
⌞>	**Ga**	71	46513	48854		ug/L		%	2.8
⌜	**Cd1**	111	12	1180178	**513.54**	ug/L	19.352	3.8 %	2.2
|	**Cd2**	106	-7	116777	**507.66**	ug/L	16.100	3.2 %	1.7
|	**Sb**	123	51	2646192	**487.29**	ug/L	14.101	2.9 %	1.4
|	**Ba**	137	35	2119539	**500.50**	ug/L	23.329	4.7 %	3.5
⌞>	**Rh**	103	97241	101384		ug/L		%	1.5
⌜	**Pb**	208	63	2429896	**499.47**	ug/L	12.834	2.6 %	0.9
⌞>	**Tm**	169	129971	131338		ug/L		%	2.9
⌜	**Al**	27	25	22529	**437.67**	ug/L	24.936	5.7 %	6.0
|	**Fe**	57	2436	22715	**529.71**	ug/L	13.626	2.6 %	3.4
⌞>	**Sc-1**	45	411519	426083		ug/L		%	1.4

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	103.539
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	105.033
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	104.261
⌜	**Pb**	
⌞>	**Tm**	101.052
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	103.539

Quantitative Analysis Summary

Sample ID: 10E0039-BS1
Sample Date/Time: Wednesday, May 05, 2010 09:48:12
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-BS1.018
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 101

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	31705	**51.13**	ug/L	1.305	2.6 %	0.9
|	**V**	51	820	124068	**53.67**	ug/L	3.219	6.0 %	2.9
|	**Cr**	52	2563	103643	**50.93**	ug/L	2.311	4.5 %	1.4
|	**Mn**	55	256	174199	**51.42**	ug/L	1.992	3.9 %	1.6
|	**Co**	59	19	103475	**51.25**	ug/L	2.893	5.6 %	2.4
⌊>	**Sc**	45	411519	419763		ug/L		%	3.3
⌈	**Cu**	65	101	126374	**50.57**	ug/L	0.978	1.9 %	0.9
|	**As**	75	-377	69118	**53.39**	ug/L	0.703	1.3 %	0.5
|	**Se**	82	43	7842	**56.14**	ug/L	2.127	3.8 %	3.7
⌊>	**Ga**	71	46513	47382		ug/L		%	1.0
⌈	**Cd1**	111	12	119435	**52.90**	ug/L	0.861	1.6 %	0.4
|	**Cd2**	106	-7	11988	**53.09**	ug/L	1.495	2.8 %	1.2
|	**Sb**	123	51	275602	**51.66**	ug/L	1.006	1.9 %	0.7
|	**Ba**	137	35	218068	**52.40**	ug/L	0.644	1.2 %	2.5
⌊>	**Rh**	103	97241	99579		ug/L		%	1.9
⌈	**Pb**	208	63	243452	**49.91**	ug/L	1.008	2.0 %	0.8
⌊>	**Tm**	169	129971	131626		ug/L		%	2.6
⌈	**Al**	27	25	236941	**4680.48**	ug/L	133.156	2.8 %	0.6
|	**Fe**	57	2436	178291	**4681.68**	ug/L	29.301	0.6 %	3.7
⌊>	**Sc-1**	45	411519	419763		ug/L		%	3.3

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	102.003
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	101.867
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	102.405
⌈	**Pb**	
⌊>	**Tm**	101.274
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	102.003

Quantitative Analysis Summary

Sample ID: 10E0039-BLK1
Sample Date/Time: Wednesday, May 05, 2010 09:49:34
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-BLK1.019
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 102

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	26	**0.03**	**ug/L**	0.010	32.2 %	26.6
|	**V**	51	820	884	**0.02**	**ug/L**	0.043	278.5 %	7.5
|	**Cr**	52	2563	2868	**0.11**	**ug/L**	0.113	104.0 %	2.9
|	**Mn**	55	256	797	**0.16**	**ug/L**	0.034	21.7 %	10.2
|	**Co**	59	19	74	**0.03**	**ug/L**	0.036	135.3 %	98.9
⌊>	**Sc**	45	411519	426465		**ug/L**		%	5.2
⌈	**Cu**	65	101	825	**0.29**	**ug/L**	0.016	5.6 %	5.7
|	**As**	75	-377	-276	**0.08**	**ug/L**	0.076	93.6 %	34.8
|	**Se**	82	43	78	**0.24**	**ug/L**	0.151	62.0 %	26.9
⌊>	**Ga**	71	46513	47086		**ug/L**		%	0.8
⌈	**Cd1**	111	12	69	**0.03**	**ug/L**	0.010	40.4 %	31.1
|	**Cd2**	106	-7	10	**0.08**	**ug/L**	0.030	37.7 %	62.4
|	**Sb**	123	51	1015	**0.18**	**ug/L**	0.092	51.5 %	47.1
|	**Ba**	137	35	627	**0.14**	**ug/L**	0.024	16.7 %	13.6
⌊>	**Rh**	103	97241	100573		**ug/L**		%	2.1
⌈	**Pb**	208	63	335	**0.06**	**ug/L**	0.033	57.2 %	47.3
⌊>	**Tm**	169	129971	127253		**ug/L**		%	1.3
⌈	**Al**	27	25	1407	**26.99**	**ug/L**	4.437	16.4 %	11.3
|	**Fe**	57	2436	2865	**9.00**	**ug/L**	6.097	67.8 %	8.2
⌊>	**Sc-1**	45	411519	426465		**ug/L**		%	5.2

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	103.632
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	101.230
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	103.427
⌈	**Pb**	
⌊>	**Tm**	97.909
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	103.632

Quantitative Analysis Summary

Sample ID: WTD0929-02
Sample Date/Time: Wednesday, May 05, 2010 09:53:55
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\WTD0929-02.022
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 105

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	31	**0.04**	ug/L	0.022	56.8 %	43.4
|	**V**	51	820	25147	**10.74**	ug/L	0.499	4.6 %	2.9
|	**Cr**	52	2563	21631	**9.74**	ug/L	0.367	3.8 %	2.8
|	**Mn**	55	256	42632	**12.71**	ug/L	0.409	3.2 %	2.1
|	**Co**	59	19	1591	**0.79**	ug/L	0.043	5.4 %	5.2
⌊>	**Sc**	45	411519	413613		ug/L		%	1.8
⌈	**Cu**	65	101	38963	**14.29**	ug/L	0.536	3.8 %	1.9
|	**As**	75	-377	3932	**3.07**	ug/L	0.052	1.7 %	2.8
|	**Se**	82	43	278	**1.52**	ug/L	0.260	17.0 %	12.3
⌊>	**Ga**	71	46513	51607		ug/L		%	2.0
⌈	**Cd1**	111	12	4071	**1.81**	ug/L	0.053	2.9 %	2.0
|	**Cd2**	106	-7	22	**0.13**	ug/L	0.637	499.3 %	646.4
|	**Sb**	123	51	3193	**0.59**	ug/L	0.029	4.9 %	6.1
|	**Ba**	137	35	330116	**79.98**	ug/L	1.290	1.6 %	0.6
⌊>	**Rh**	103	97241	98784		ug/L		%	1.2
⌈	**Pb**	208	63	68830	**13.89**	ug/L	0.313	2.3 %	0.8
⌊>	**Tm**	169	129971	133667		ug/L		%	1.5
⌈	**Al**	27	25	112652	**2256.48**	ug/L	30.887	1.4 %	2.8
|	**Fe**	57	2436	28838	**713.34**	ug/L	18.337	2.6 %	2.2
⌊>	**Sc-1**	45	411519	413613		ug/L		%	1.8

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	100.509
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	110.950
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	101.587
⌈	**Pb**	
⌊>	**Tm**	102.844
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	100.509

Quantitative Analysis Summary

Sample ID: 10E0039-MS1
Sample Date/Time: Wednesday, May 05, 2010 09:55:18
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-MS1.023
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 106

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	30549	**50.59**	ug/L	1.370	2.7 %	1.6
|	**V**	51	820	138791	**61.69**	ug/L	2.781	4.5 %	1.3
|	**Cr**	52	2563	114678	**58.03**	ug/L	1.977	3.4 %	1.2
|	**Mn**	55	256	206400	**62.57**	ug/L	1.532	2.4 %	0.7
|	**Co**	59	19	100879	**51.26**	ug/L	0.861	1.7 %	1.6
⌞>	**Sc**	45	411519	408768		ug/L		%	3.2
⌜	**Cu**	65	101	155830	**59.12**	ug/L	1.190	2.0 %	1.4
|	**As**	75	-377	69662	**51.02**	ug/L	0.559	1.1 %	1.1
|	**Se**	82	43	7643	**51.85**	ug/L	0.931	1.8 %	0.3
⌞>	**Ga**	71	46513	49989		ug/L		%	1.6
⌜	**Cd1**	111	12	116784	**55.29**	ug/L	1.734	3.1 %	2.3
|	**Cd2**	106	-7	11346	**53.73**	ug/L	2.691	5.0 %	2.4
|	**Sb**	123	51	266723	**53.45**	ug/L	2.356	4.4 %	3.3
|	**Ba**	137	35	531417	**136.60**	ug/L	6.598	4.8 %	1.7
⌞>	**Rh**	103	97241	93200		ug/L		%	3.7
⌜	**Pb**	208	63	302982	**64.29**	ug/L	2.341	3.6 %	1.0
⌞>	**Tm**	169	129971	127266		ug/L		%	4.0
⌜	**Al**	27	25	335891	**6810.41**	ug/L	45.383	0.7 %	2.5
|	**Fe**	57	2436	219503	**5939.05**	ug/L	111.409	1.9 %	1.4
⌞>	**Sc-1**	45	411519	408768		ug/L		%	3.2

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	99.332
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	107.472
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	95.844
⌜	**Pb**	
⌞>	**Tm**	97.919
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	99.332

Quantitative Analysis Summary

Sample ID: 10E0039-MSD1
Sample Date/Time: Wednesday, May 05, 2010 09:56:41
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-MSD1.024
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 107

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	30145	**49.42**	ug/L	2.008	4.1 %	2.1
|	**V**	51	820	139829	**61.49**	ug/L	1.799	2.9 %	0.6
|	**Cr**	52	2563	120311	**60.34**	ug/L	3.480	5.8 %	2.5
|	**Mn**	55	256	208133	**62.45**	ug/L	1.674	2.7 %	1.2
|	**Co**	59	19	101593	**51.13**	ug/L	2.206	4.3 %	1.5
⌊>	**Sc**	45	411519	412982		ug/L		%	3.2
⌈	**Cu**	65	101	157516	**58.18**	ug/L	0.998	1.7 %	0.2
|	**As**	75	-377	70507	**50.27**	ug/L	0.591	1.2 %	1.5
|	**Se**	82	43	7488	**49.45**	ug/L	2.497	5.0 %	4.1
⌊>	**Ga**	71	46513	51345		ug/L		%	1.7
⌈	**Cd1**	111	12	117471	**53.33**	ug/L	1.921	3.6 %	0.9
|	**Cd2**	106	-7	11374	**51.62**	ug/L	1.571	3.0 %	0.5
|	**Sb**	123	51	266934	**51.27**	ug/L	2.013	3.9 %	3.3
|	**Ba**	137	35	530939	**130.78**	ug/L	4.142	3.2 %	2.0
⌊>	**Rh**	103	97241	97210		ug/L		%	3.5
⌈	**Pb**	208	63	305270	**62.15**	ug/L	2.026	3.3 %	1.7
⌊>	**Tm**	169	129971	132579		ug/L		%	2.3
⌈	**Al**	27	25	338093	**6784.21**	ug/L	134.290	2.0 %	3.7
|	**Fe**	57	2436	222748	**5965.49**	ug/L	117.662	2.0 %	1.8
⌊>	**Sc-1**	45	411519	412982		ug/L		%	3.2

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	100.356
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	110.388
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	99.968
⌈	**Pb**	
⌊>	**Tm**	102.007
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	100.356

Quantitative Analysis Summary

Sample ID: 10E0039-CCV1
Sample Date/Time: Wednesday, May 05, 2010 10:02:44
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-CCV1.027
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 3

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	12631	**19.72**	**ug/L**	0.951	4.8 %	2.6
|	**V**	51	820	48912	**20.25**	**ug/L**	0.829	4.1 %	0.8
|	**Cr**	52	2563	44109	**20.20**	**ug/L**	0.831	4.1 %	2.3
|	**Mn**	55	256	69971	**19.94**	**ug/L**	0.830	4.2 %	2.9
|	**Co**	59	19	41482	**19.88**	**ug/L**	1.076	5.4 %	2.8
⌊>	**Sc**	45	411519	433656		**ug/L**		%	3.3
⌈	**Cu**	65	101	51991	**20.08**	**ug/L**	0.434	2.2 %	2.2
|	**As**	75	-377	26968	**20.31**	**ug/L**	0.222	1.1 %	1.3
|	**Se**	82	43	3050	**20.91**	**ug/L**	0.947	4.5 %	3.6
⌊>	**Ga**	71	46513	49041		**ug/L**		%	2.4
⌈	**Cd1**	111	12	47678	**19.83**	**ug/L**	1.021	5.1 %	2.5
|	**Cd2**	106	-7	4671	**19.43**	**ug/L**	0.360	1.9 %	2.3
|	**Sb**	123	51	111926	**19.70**	**ug/L**	0.992	5.0 %	2.2
|	**Ba**	137	35	88821	**20.05**	**ug/L**	1.559	7.8 %	5.5
⌊>	**Rh**	103	97241	106095		**ug/L**		%	3.3
⌈	**Pb**	208	63	98732	**19.71**	**ug/L**	1.208	6.1 %	1.4
⌊>	**Tm**	169	129971	135376		**ug/L**		%	5.0
⌈	**Al**	27	25	1145	**21.44**	**ug/L**	2.286	10.7 %	7.0
|	**Fe**	57	2436	3761	**30.94**	**ug/L**	6.458	20.9 %	3.3
⌊>	**Sc-1**	45	411519	433656		**ug/L**		%	3.3

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	105.379
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	105.435
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	109.106
⌈	**Pb**	
⌊>	**Tm**	104.159
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	105.379

Quantitative Analysis Summary

Sample ID: 10E0039-CCV2
Sample Date/Time: Wednesday, May 05, 2010 10:04:07
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-CCV2.028
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 6

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	7	20	**0.02**	ug/L	0.005	25.9 %	17.3
|	**V**	51	820	775	**-0.04**	ug/L	0.013	35.9 %	5.9
|	**Cr**	52	2563	2660	**-0.02**	ug/L	0.039	235.4 %	0.7
|	**Mn**	55	256	1681	**0.41**	ug/L	0.021	5.1 %	0.9
|	**Co**	59	19	205	**0.09**	ug/L	0.015	17.3 %	12.7
⌞>	**Sc**	45	411519	432816		ug/L		%	3.5
⌜	**Cu**	65	101	662	**0.22**	ug/L	0.021	9.8 %	6.8
|	**As**	75	-377	-403	**-0.01**	ug/L	0.044	438.2 %	12.7
|	**Se**	82	43	60	**0.11**	ug/L	0.044	41.5 %	10.3
⌞>	**Ga**	71	46513	48259		ug/L		%	2.0
⌜	**Cd1**	111	12	28	**0.01**	ug/L	0.004	59.3 %	35.7
|	**Cd2**	106	-7	0	**0.03**	ug/L	0.048	145.3 %	21753.5
|	**Sb**	123	51	1172	**0.21**	ug/L	0.082	39.8 %	41.3
|	**Ba**	137	35	205	**0.04**	ug/L	0.008	18.7 %	13.0
⌞>	**Rh**	103	97241	100269		ug/L		%	3.8
⌜	**Pb**	208	63	339	**0.06**	ug/L	0.007	12.3 %	11.0
⌞>	**Tm**	169	129971	132408		ug/L		%	1.2
⌜	**Al**	27	25	258587	**4953.70**	ug/L	142.313	2.9 %	1.9
|	**Fe**	57	2436	202955	**5180.64**	ug/L	216.887	4.2 %	1.4
⌞>	**Sc-1**	45	411519	432816		ug/L		%	3.5

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	105.175
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	103.753
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	103.114
⌜	**Pb**	
⌞>	**Tm**	101.875
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	105.175

Quantitative Analysis Summary

Sample ID: 10E0039-CCB1
Sample Date/Time: Wednesday, May 05, 2010 10:05:31
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\10E0039-CCB1.029
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 1

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	7	13	**0.01**	**ug/L**	0.001	13.2 %	8.7
|	**V**	51	820	828	**-0.01**	**ug/L**	0.015	184.0 %	4.3
|	**Cr**	52	2563	2708	**0.03**	**ug/L**	0.033	104.7 %	0.5
|	**Mn**	55	256	293	**0.01**	**ug/L**	0.008	94.2 %	7.0
|	**Co**	59	19	27	**0.00**	**ug/L**	0.006	181.3 %	45.8
⌊>	**Sc**	45	411519	424936		**ug/L**		%	2.7
⌈	**Cu**	65	101	234	**0.05**	**ug/L**	0.058	120.1 %	62.3
|	**As**	75	-377	-330	**0.06**	**ug/L**	0.003	5.8 %	3.5
|	**Se**	82	43	48	**0.01**	**ug/L**	0.124	1374.1 %	36.8
⌊>	**Ga**	71	46513	50363		**ug/L**		%	4.3
⌈	**Cd1**	111	12	20	**0.00**	**ug/L**	0.003	101.1 %	36.1
|	**Cd2**	106	-7	-11	**-0.01**	**ug/L**	0.047	489.4 %	111.4
|	**Sb**	123	51	365	**0.05**	**ug/L**	0.026	47.9 %	41.2
|	**Ba**	137	35	67	**0.01**	**ug/L**	0.003	43.8 %	17.6
⌊>	**Rh**	103	97241	107465		**ug/L**		%	3.2
⌈	**Pb**	208	63	68	**0.00**	**ug/L**	0.001	158.7 %	2.9
⌊>	**Tm**	169	129971	137041		**ug/L**		%	2.0
⌈	**Al**	27	25	84	**1.15**	**ug/L**	0.475	41.3 %	26.2
|	**Fe**	57	2436	2832	**8.36**	**ug/L**	1.967	23.5 %	1.5
⌊>	**Sc-1**	45	411519	424936		**ug/L**		%	2.7

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	103.260
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	108.276
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	110.514
⌈	**Pb**	
⌊>	**Tm**	105.440
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	103.260

Quantitative Analysis Summary

Sample ID: WTD0968-08
Sample Date/Time: Wednesday, May 05, 2010 10:50:38
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\WTD0968-08.057
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 127

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	Be	9	11	13	**0.00**	ug/L	0.005	137.8 %	24.1
|	V	51	820	2263	**0.64**	ug/L	0.035	5.5 %	1.9
|	Cr	52	2643	2781	**0.09**	ug/L	0.050	56.4 %	2.1
|	Mn	55	315	1822385	**538.94**	ug/L	18.661	3.5 %	0.3
|	Co	59	13	1139	**0.55**	ug/L	0.015	2.7 %	1.2
⌞>	Sc	45	453209	447453		ug/L		%	3.5
⌜	Cu	65	229	3027	**1.18**	ug/L	0.044	3.7 %	3.1
|	As	75	-342	248	**0.43**	ug/L	0.045	10.4 %	21.9
|	Se	82	55	119	**0.48**	ug/L	0.182	37.7 %	23.4
⌞>	Ga	71	54127	48481		ug/L		%	1.5
⌜	Cd1	111	15	177	**0.07**	ug/L	0.017	23.2 %	19.6
|	Cd2	106	-7	-691	**-2.97**	ug/L	0.078	2.6 %	2.2
|	Sb	123	219	283	**0.02**	ug/L	0.008	52.8 %	17.3
|	Ba	137	63	245081	**60.11**	ug/L	1.036	1.7 %	0.8
⌞>	Rh	103	109642	99647		ug/L		%	2.3
⌜	Pb	208	69	1271	**0.26**	ug/L	0.004	1.4 %	2.0
⌞>	Tm	169	133602	132733		ug/L		%	3.3
⌜	Al	27	25	195	**3.96**	ug/L	0.719	18.1 %	13.7
|	Fe	57	2870	16247	**331.19**	ug/L	14.176	4.3 %	1.0
⌞>	Sc-1	45	453209	447453		ug/L		%	3.5

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	Be	
|	V	
|	Cr	
|	Mn	
|	Co	
⌞>	Sc	98.730
⌜	Cu	
|	As	
|	Se	
⌞>	Ga	89.569
⌜	Cd1	
|	Cd2	
|	Sb	
|	Ba	
⌞>	Rh	90.884
⌜	Pb	
⌞>	Tm	99.350
⌜	Al	
|	Fe	
⌞>	Sc-1	98.730

Quantitative Analysis Summary

Sample ID: CCV5
Sample Date/Time: Wednesday, May 05, 2010 10:59:08
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\CCV5.062
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 3

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	**Be**	9	11	12799	**20.74**	ug/L	0.237	1.1 %	4.8
|	**V**	51	820	48459	**20.35**	ug/L	0.798	3.9 %	1.3
|	**Cr**	52	2643	44326	**20.63**	ug/L	0.589	2.9 %	1.1
|	**Mn**	55	315	73887	**21.23**	ug/L	1.266	6.0 %	2.2
|	**Co**	59	13	42919	**20.30**	ug/L	0.823	4.1 %	0.7
⌞>	**Sc**	45	453209	458838		ug/L		%	3.7
⌜	**Cu**	65	229	52586	**19.73**	ug/L	0.710	3.6 %	1.1
|	**As**	75	-342	28588	**20.29**	ug/L	0.637	3.1 %	1.3
|	**Se**	82	55	3416	**20.83**	ug/L	1.569	7.5 %	3.4
⌞>	**Ga**	71	54127	54000		ug/L		%	4.1
⌜	**Cd1**	111	15	50483	**20.05**	ug/L	0.851	4.2 %	0.8
|	**Cd2**	106	-7	5258	**20.96**	ug/L	1.770	8.4 %	4.3
|	**Sb**	123	219	115170	**20.15**	ug/L	0.918	4.6 %	1.7
|	**Ba**	137	63	89863	**20.20**	ug/L	1.265	6.3 %	2.1
⌞>	**Rh**	103	109642	108871		ug/L		%	4.4
⌜	**Pb**	208	69	96252	**20.07**	ug/L	0.105	0.5 %	1.4
⌞>	**Tm**	169	133602	135367		ug/L		%	1.8
⌜	**Al**	27	25	1005	**22.25**	ug/L	0.878	3.9 %	3.0
|	**Fe**	57	2870	3968	**25.68**	ug/L	6.383	24.9 %	3.7
⌞>	**Sc-1**	45	453209	458838		ug/L		%	3.7

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌞>	**Sc**	101.242
⌜	**Cu**	
|	**As**	
|	**Se**	
⌞>	**Ga**	99.766
⌜	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌞>	**Rh**	99.297
⌜	**Pb**	
⌞>	**Tm**	101.321
⌜	**Al**	
|	**Fe**	
⌞>	**Sc-1**	101.242

Quantitative Analysis Summary

Sample ID: CCV6
Sample Date/Time: Wednesday, May 05, 2010 11:00:31
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\CCV6.063
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 6

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌈	**Be**	9	11	13	**0.00**	**ug/L**	0.011	292.4 %	48.2
|	**V**	51	820	741	**-0.03**	**ug/L**	0.034	113.2 %	7.1
|	**Cr**	52	2643	2593	**-0.01**	**ug/L**	0.070	743.4 %	2.0
|	**Mn**	55	315	2511	**0.65**	**ug/L**	0.269	41.0 %	32.5
|	**Co**	59	13	246	**0.11**	**ug/L**	0.015	12.9 %	8.8
⌊>	**Sc**	45	453209	448352		**ug/L**		%	3.4
⌈	**Cu**	65	229	556	**0.13**	**ug/L**	0.024	19.0 %	11.0
|	**As**	75	-342	-404	**-0.05**	**ug/L**	0.071	137.5 %	24.1
|	**Se**	82	55	63	**0.06**	**ug/L**	0.103	176.0 %	26.3
⌊>	**Ga**	71	54127	52598		**ug/L**		%	0.9
⌈	**Cd1**	111	15	39	**0.01**	**ug/L**	0.006	63.2 %	39.2
|	**Cd2**	106	-7	-27	**-0.08**	**ug/L**	0.070	83.9 %	63.4
|	**Sb**	123	219	1145	**0.17**	**ug/L**	0.084	49.7 %	41.2
|	**Ba**	137	63	337	**0.06**	**ug/L**	0.050	77.8 %	62.9
⌊>	**Rh**	103	109642	105151		**ug/L**		%	1.0
⌈	**Pb**	208	69	359	**0.06**	**ug/L**	0.004	7.0 %	4.2
⌊>	**Tm**	169	133602	135078		**ug/L**		%	1.4
⌈	**Al**	27	25	235978	**5486.00**	**ug/L**	117.560	2.1 %	2.5
|	**Fe**	57	2870	220223	**5354.37**	**ug/L**	116.321	2.2 %	1.6
⌊>	**Sc-1**	45	453209	448352		**ug/L**		%	3.4

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌈	**Be**	
|	**V**	
|	**Cr**	
|	**Mn**	
|	**Co**	
⌊>	**Sc**	98.928
⌈	**Cu**	
|	**As**	
|	**Se**	
⌊>	**Ga**	97.176
⌈	**Cd1**	
|	**Cd2**	
|	**Sb**	
|	**Ba**	
⌊>	**Rh**	95.904
⌈	**Pb**	
⌊>	**Tm**	101.104
⌈	**Al**	
|	**Fe**	
⌊>	**Sc-1**	98.928

Quantitative Analysis Summary

Sample ID: CCB3
Sample Date/Time: Wednesday, May 05, 2010 11:01:55
Method File: C:\Elandata\Method\050510.mth
Dataset File: C:\Elandata\DataSet\050510\CCB3.064
Optimization File: C:\Elandata\Optimize\default.dac
Tuning File: C:\Elandata\Tuning\Default.tun
Sample File: C:\Elandata\Sample\050510.sam
Autosampler Position: 1

Summary

IS	Analyte	Mass	Blank Intensity	Meas. Intensity	Conc. Mean	Units	Conc. SD	Conc. RSD	Int. RSD
⌜	Be	9	11	5	-0.01	ug/L	0.008	80.9 %	107.9
|	V	51	820	766	-0.03	ug/L	0.020	67.8 %	3.5
|	Cr	52	2643	2559	-0.07	ug/L	0.029	42.5 %	1.5
|	Mn	55	315	480	0.05	ug/L	0.033	72.2 %	20.4
|	Co	59	13	23	0.00	ug/L	0.001	15.9 %	4.9
⌞>	Sc	45	453209	462901		ug/L		%	3.8
⌜	Cu	65	229	132	-0.04	ug/L	0.011	29.8 %	19.0
|	As	75	-342	-389	-0.04	ug/L	0.014	38.7 %	2.2
|	Se	82	55	59	0.03	ug/L	0.073	257.5 %	22.5
⌞>	Ga	71	54127	53423		ug/L		%	3.2
⌜	Cd1	111	15	26	0.00	ug/L	0.001	22.5 %	7.7
|	Cd2	106	-7	-50	-0.17	ug/L	0.082	47.1 %	37.7
|	Sb	123	219	309	0.02	ug/L	0.024	146.5 %	45.2
|	Ba	137	63	119	0.01	ug/L	0.008	60.9 %	26.7
⌞>	Rh	103	109642	107831		ug/L		%	2.6
⌜	Pb	208	69	63	-0.00	ug/L	0.002	119.1 %	15.7
⌞>	Tm	169	133602	134841		ug/L		%	3.0
⌜	Al	27	25	44	0.41	ug/L	0.075	18.5 %	9.1
|	Fe	57	2870	2975	1.02	ug/L	1.340	131.9 %	5.0
⌞>	Sc-1	45	453209	462901		ug/L		%	3.8

QC Calculated Values

IS	Analyte	Int Std % Recovery
⌜	Be	
|	V	
|	Cr	
|	Mn	
|	Co	
⌞>	Sc	102.138
⌜	Cu	
|	As	
|	Se	
⌞>	Ga	98.699
⌜	Cd1	
|	Cd2	
|	Sb	
|	Ba	
⌞>	Rh	98.348
⌜	Pb	
⌞>	Tm	100.927
⌜	Al	
|	Fe	
⌞>	Sc-1	102.138

Author: wtlab

Date : 5/10/2010

Original Run Filename: OM_5-10-2010_02-33-08PM.OMN created 5/10/2010 2:33:08 PM
Original Run Author's Signature: [wtlab]
Current Run Filename: OM_5-10-2010_02-33-08PM.OMN last modified 5/10/2010 4:14:07 PM
Current Run Author's Signature: [wtlab]
Description: ALK METHOD

Sample	Cup No.	Channel 1 Alkalinity Conc. (mg/L)	Channel 1 Alkalinity Area (Vs)	Detection Time	MDF	Description
10E0229-CCV1	1	96.4	-2.69	5/10/2010@2:33:59 PM		
Calibration:		Table/Fig. 1				
ICV1	2	98.3	-2.75	5/10/2010@2:34:55 PM		
ICB1	3	2.42	0.0521	5/10/2010@2:35:51 PM		
10E0229-BLK1	4	1.65	0.0735	5/10/2010@2:36:47 PM		
10E0229-BS1	5	104	-2.92	5/10/2010@2:37:43 PM		
WTD0938-18	6	62.4	-1.67	5/10/2010@2:38:38 PM		
WTD0938-19@2	7	403	-14.7	5/10/2010@2:39:34 PM		
WTD0938-20	8	36.8	-0.922	5/10/2010@2:40:29 PM		
WTD0968-02@2	9	148	-4.33	5/10/2010@2:41:24 PM		
WTD0968-03@5	10	36.7	-0.920	5/10/2010@2:42:19 PM		
WTD0968-04@5	11	57.2	-1.51	5/10/2010@2:43:14 PM		
WTD0968-05@5	12	46.6	-1.21	5/10/2010@2:44:09 PM		
WTD0968-06@5	13	60.7	-1.62	5/10/2010@2:45:04 PM		
10E0229-CCV2	14	106	-2.97	5/10/2010@2:45:58 PM		
CCB2	15	2.21	0.0581	5/10/2010@2:46:52 PM		
WTD0968-07@5	16	70.8	-1.92	5/10/2010@2:47:49 PM		
WTD0968-08@5	17	46.5	-1.20	5/10/2010@2:48:45 PM		
WTD0968-10@5	18	46.0	-1.19	5/10/2010@2:49:41 PM		
WTD0968-11@5	19	36.8	-0.922	5/10/2010@2:50:38 PM		
WTD0968-12@5	20	34.0	-0.842	5/10/2010@2:51:33 PM		
WTD0968-13@5	21	76.9	-2.10	5/10/2010@2:52:29 PM		
WTD0968-14@5	22	50.1	-1.31	5/10/2010@2:53:25 PM		
WTD0968-15@5	23	51.3	-1.34	5/10/2010@2:54:20 PM		
WTD0968-16@5	24	63.3	-1.70	5/10/2010@2:55:16 PM		
WTD0968-18@5	25	50.9	-1.33	5/10/2010@2:56:11 PM		
10E0229-CCV3	26	103	-2.90	5/10/2010@2:57:06 PM		
CCB3	27	-0.281	0.127	5/10/2010@2:58:01 PM		
WTD0968-19@5	28	34.4	-0.854	5/10/2010@2:58:56 PM		
WTD0968-20@5	29	52.6	-1.38	5/10/2010@2:59:50 PM		
10E0229-MS1	30	119	-3.41	5/10/2010@3:00:45 PM		
10E0229-MSD1	31	114	-3.24	5/10/2010@3:01:42 PM		
10E0238-BLK1	32	1.75	0.0708	5/10/2010@3:02:38 PM		
10E0238-BS1	33	99.7	-2.79	5/10/2010@3:03:34 PM		
WTD0938-01	34	127	-3.64	5/10/2010@3:04:30 PM		
WTD0938-02	35	241	-7.56	5/10/2010@3:05:27 PM		
WTD0938-03	36	223	-6.88	5/10/2010@3:06:22 PM		
WTD0938-04@2	37	209	-6.41	5/10/2010@3:07:18 PM		
10E0238-CCV1	38	103	-2.91	5/10/2010@3:08:14 PM		
CCB4	39	0.344	0.110	5/10/2010@3:09:09 PM		
WTD0938-05@2	40	129	-3.70	5/10/2010@3:10:05 PM		
WTD0938-06	41	280	-9.06	5/10/2010@3:11:00 PM		
WTD0938-07@2	42	366	-12.8	5/10/2010@3:11:55 PM		
WTD0938-08	43	152	-4.46	5/10/2010@3:12:50 PM		
WTD0938-09	44	223	-6.90	5/10/2010@3:13:45 PM		
WTD0938-10	45	1.51	0.0775	5/10/2010@3:14:40 PM		
WTD0938-12	46	542	-27.4	5/10/2010@3:15:36 PM		
WTD0938-13	47	255	-8.10	5/10/2010@3:16:33 PM		
WTD0938-15	48	157	-4.62	5/10/2010@3:17:29 PM		
WTD0938-16@10	49	214	-6.56	5/10/2010@3:18:26 PM		
10E0238-CCV2	50	98.5	-2.76	5/10/2010@3:19:22 PM		
CCB5	51	-5.26	0.266	5/10/2010@3:20:18 PM		
WTD0938-17	52	86.9	-2.40	5/10/2010@3:21:14 PM		
WTE0041-01	53	76.4	-2.09	5/10/2010@3:22:10 PM		
WTE0127-01	54	179	-5.35	5/10/2010@3:23:05 PM		
WTE0127-02@20	55	152	-4.45	5/10/2010@3:24:01 PM		
WTE0132-01@5	56	53.6	-1.41	5/10/2010@3:24:56 PM		

WTE0266-09	57	176	-5.26	5/10/2010@3:25:51 PM		
10E0238-MS1	58	165	-4.87	5/10/2010@3:26:46 PM		
10E0238-MSD1	59	161	-4.76	5/10/2010@3:27:41 PM		
10E0239-BLK1	60	-5.97	0.285	5/10/2010@3:28:36 PM		
10E0239-BS1	61	98.0	-2.74	5/10/2010@3:29:33 PM		
10E0239-CCV1	62	104	-2.91	5/10/2010@3:30:30 PM		
CCB6	63	-1.41	0.159	5/10/2010@3:31:26 PM		
WTE0265-01@5	64	68.3	-1.84	5/10/2010@3:32:23 PM		
WTE0265-02@5	65	56.0	-1.48	5/10/2010@3:33:19 PM		
WTE0265-03@5	66	180	-5.39	5/10/2010@3:34:15 PM		
WTE0265-04@5	67	112	-3.16	5/10/2010@3:35:11 PM		
WTE0265-05@5	68	97.0	-2.71	5/10/2010@3:36:07 PM		
WTE0265-06@5	69	76.3	-2.08	5/10/2010@3:37:02 PM		
WTD0265-07@2	70	119	-3.40	5/10/2010@3:37:58 PM		
WTE0265-09@5	71	105	-2.96	5/10/2010@3:38:54 PM		
WTE0265-10@2	72	232	-7.21	5/10/2010@3:39:49 PM		
WTE0265-11@10	73	108	-3.06	5/10/2010@3:40:44 PM		
10E0239-CCV2	74	98.7	-2.76	5/10/2010@3:41:39 PM		
CCB7	75	1.75	0.0707	5/10/2010@3:42:34 PM		
WTE0265-12@2	76	179	-5.36	5/10/2010@3:43:31 PM		
WTE0265-13@5	77	89.0	-2.47	5/10/2010@3:44:27 PM		
WTE0266-01	78	69.0	-1.87	5/10/2010@3:45:24 PM		
WTE0266-02	79	51.6	-1.35	5/10/2010@3:46:21 PM		
WTE0266-03	80	32.5	-0.797	5/10/2010@3:47:18 PM		
WTE0266-04	81	41.7	-1.06	5/10/2010@3:48:13 PM		
WTE0266-05	82	31.6	-0.774	5/10/2010@3:49:10 PM		
WTE0266-06	83	21.1	-0.473	5/10/2010@3:50:06 PM		
WTE0266-07	84	46.3	-1.20	5/10/2010@3:51:02 PM		
WTE0266-08	85	174	-5.18	5/10/2010@3:51:57 PM		
10E0239-CCV3	86	100	-2.81	5/10/2010@3:52:52 PM		
CCB8	87	2.27	0.0563	5/10/2010@3:53:48 PM		
10E0239-MS1	88	139	-4.02	5/10/2010@3:54:43 PM		
10E0239-MSD1	89	147	-4.29	5/10/2010@3:55:38 PM		
25.0	90	31.1	-0.759	5/10/2010@3:56:34 PM		
WTD0938-19@5	91	152	-4.46	5/10/2010@3:57:30 PM		
WTD0968-03	92	171	-5.07	5/10/2010@3:58:28 PM		
WTD0968-04@2	93	143	-4.14	5/10/2010@3:59:24 PM		
WTD0968-05@2	94	128	-3.67	5/10/2010@4:00:22 PM		
WTD0968-08@2	95	112	-3.18	5/10/2010@4:01:19 PM		
WTD0968-10@2	96	133	-3.84	5/10/2010@4:02:15 PM		
WTD0968-11@2	97	109	-3.07	5/10/2010@4:03:11 PM		
WTD0968-12@2	98	81.8	-2.25	5/10/2010@4:04:07 PM		
CCV3	99	102	-2.86	5/10/2010@4:05:04 PM		
CCB9	100	1.13	0.0881	5/10/2010@4:06:00 PM		
WTD0968-19@2	101	91.5	-2.54	5/10/2010@4:06:56 PM		
WTD0968-20@2	102	169	-5.03	5/10/2010@4:07:52 PM		
WTD0938-02@2	103	127	-3.64	5/10/2010@4:08:47 PM		
WTD0938-03@2	104	132	-3.81	5/10/2010@4:09:43 PM		
WTD0938-04@5	105	-216	5.64	5/10/2010@4:10:38 PM		
WTD0938-06@3	106	-3.34e+3	50.8	5/10/2010@4:11:36 PM		
WTD0938-07@10	107	-2.27e+3	38.8	5/10/2010@4:12:34 PM		

Author: wtlab

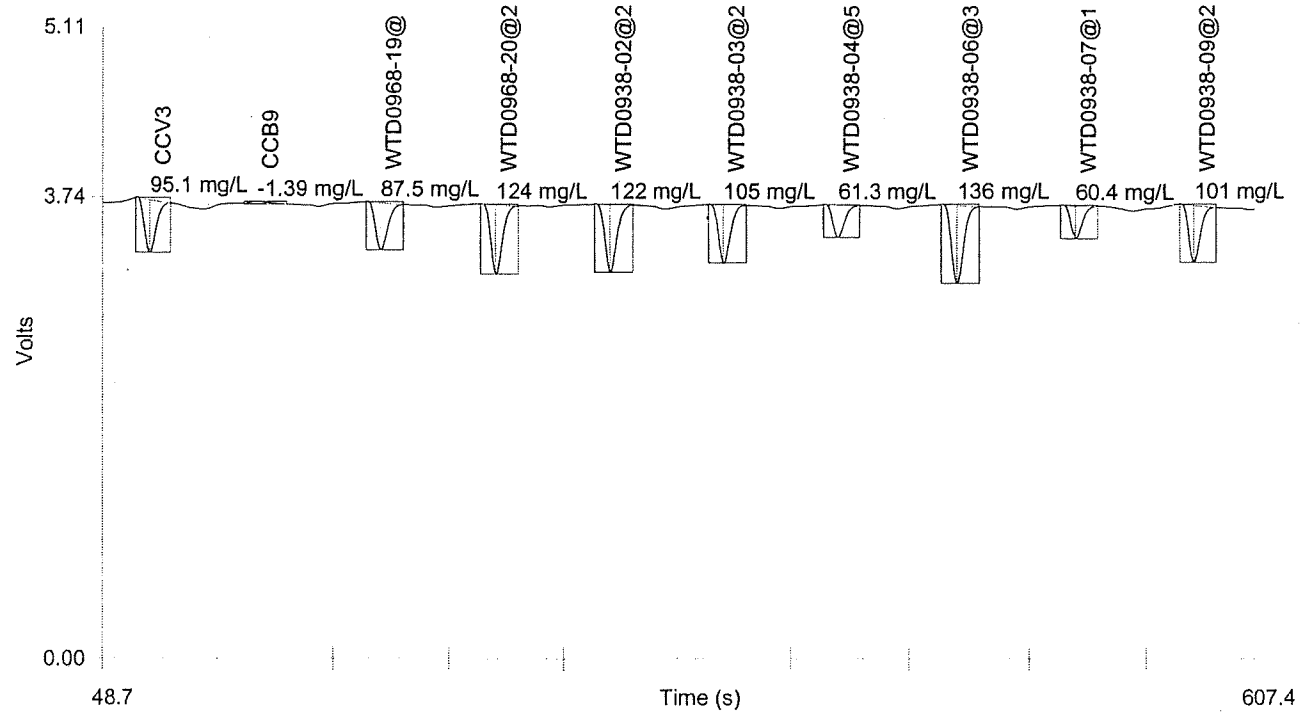
Date : 5/10/2010

Original Run Filename: OM_5-10-2010_04-25-30PM.OMN created 5/10/2010 4:25:30 PM
Original Run Author's Signature: [wtlab]
Current Run Filename: OM_5-10-2010_04-25-30PM.OMN last modified 5/10/2010 4:44:08 PM
Current Run Author's Signature: [wtlab]
Description: ALK METHOD

Sample	Cup No.	Channel 1 Alkalinity Conc. (mg/L)	Channel 1 Alkalinity Area (Vs)	Detection Time	MDF	Description
CCV3	99	95.1	-2.65	5/10/2010@4:26:21 PM		
CCB9	100	-1.39	0.158	5/10/2010@4:27:18 PM		
Calibration:		Table/Fig. 1				
WTD0968-19@2	101	87.5	-2.42	5/10/2010@4:28:13 PM		
WTD0968-20@2	102	124	-3.55	5/10/2010@4:29:09 PM		
WTD0938-02@2	103	122	-3.47	5/10/2010@4:30:05 PM		
WTD0938-03@2	104	105	-2.97	5/10/2010@4:31:00 PM		
WTD0938-04@5	105	61.3	-1.64	5/10/2010@4:31:56 PM		
WTD0938-06@3	106	136	-3.95	5/10/2010@4:32:53 PM		
WTD0938-07@10	107	60.4	-1.61	5/10/2010@4:33:50 PM		
WTD0938-09@2	108	101	-2.83	5/10/2010@4:34:48 PM		
WTD0938-12@5	109	385	-13.7	5/10/2010@4:35:45 PM		
WTD0938-13@2	110	142	-4.12	5/10/2010@4:36:42 PM		
CCV4	111	97.1	-2.72	5/10/2010@4:37:39 PM		
CCB10	112	0.0464	0.118	5/10/2010@4:38:36 PM		
WTD0938-16@20	113	107	-3.02	5/10/2010@4:39:32 PM		
WTE0265-10@5	114	71.1	-1.93	5/10/2010@4:40:29 PM		
WTD0938-12@25	115	78.8	-2.16	5/10/2010@4:41:25 PM		
CCV5	116	95.3	-2.66	5/10/2010@4:42:21 PM		
CCB11	117	0.0271	0.119	5/10/2010@4:43:17 PM		

968-06@2 LER

Channel 1 (ALK) : Set 1 of 2



Author: wtlab

Date : 5/11/2010

Original Run Filename: OM_5-11-2010_11-12-43AM.OMN created 5/11/2010 11:12:43 AM
Original Run Author's Signature: [wtlab]
Current Run Filename: OM_5-11-2010_11-12-43AM.OMN last modified 5/11/2010 12:49:12 PM
Current Run Author's Signature: [wtlab]
Description: Default New Run

Sample	Cup No.	Channel 1 Chloride Conc. (mg/L)	Channel 1 Chloride Area (Vs)	Detection Time	MDF	Description
CL 50	S1	50.0	9.34	5/11/2010@11:13:23 AM		
CL 25	S2	25.0	4.87	5/11/2010@11:14:10 AM		
CL 10	S3	10.0	1.84	5/11/2010@11:14:58 AM		
CL 5	S4	5.00	0.945	5/11/2010@11:15:47 AM		
CL 0.0	S5	0.00	0.0508	5/11/2010@11:16:37 AM		
10E0258-CCV1	1	18.6	3.59	5/11/2010@11:17:27 AM		
Calibration:		Table/Fig. 1				
10E0258-CCV2	2	38.4	7.27	5/11/2010@11:18:18 AM		
ICV1	3	21.7	4.18	5/11/2010@11:19:08 AM		
ICB1	4	0.533	0.0869	5/11/2010@11:19:59 AM		
10E0258-BLK1	5	0.0198	-0.0148	5/11/2010@11:20:49 AM		
10E0258-BS1	6	18.8	3.64	5/11/2010@11:21:38 AM		
WTD0896-01	7	35.5	6.74	5/11/2010@11:22:27 AM		
WTD0896-02	8	8.18	1.59	5/11/2010@11:23:16 AM		
WTD0896-03	9	115	20.2	5/11/2010@11:24:05 AM		
WTD0896-04	10	6.84	1.33	5/11/2010@11:24:53 AM		
WTD0896-05	11	4.55	0.879	5/11/2010@11:25:41 AM		
WTD0896-06	12	7.59	1.47	5/11/2010@11:26:28 AM		
WTD0896-07	13	6.56	1.27	5/11/2010@11:27:16 AM		
WTD0896-08	14	3.85	0.742	5/11/2010@11:28:03 AM		
10E0258-CCV3	15	18.6	3.59	5/11/2010@11:28:50 AM		
10E0258-CCV4	16	33.0	6.27	5/11/2010@11:29:39 AM		
CCB2	17	0.658	0.112	5/11/2010@11:30:30 AM		
WTD0968-02@5	18	2.35	0.447	5/11/2010@11:31:21 AM		
WTD0968-03@5	19	1.00	0.180	5/11/2010@11:32:11 AM		
WTD0968-04@5	20	2.28	0.433	5/11/2010@11:33:02 AM		
WTD0968-05@5	21	3.06	0.586	5/11/2010@11:33:52 AM		
WTD0968-06@5	22	1.85	0.347	5/11/2010@11:34:41 AM		
WTD0968-07@5	23	5.05	0.978	5/11/2010@11:35:30 AM		
WTD0980-04@10	24	49.5	9.26	5/11/2010@11:36:19 AM		
WTD0980-05@10	25	4.04	0.779	5/11/2010@11:37:08 AM		
WTD0980-06@2	26	39.5	7.47	5/11/2010@11:37:57 AM		
WTD0980-07@10	27	8.86	1.72	5/11/2010@11:38:45 AM		
10E0258-CCV5	28	17.9	3.46	5/11/2010@11:39:33 AM		
10E0258-CCV6	29	38.0	7.20	5/11/2010@11:40:21 AM		
CCB3	30	0.426	0.0658	5/11/2010@11:41:08 AM		
WTD0980-08@5	31	4.51	0.873	5/11/2010@11:41:58 AM		
WTD0980-09@10	32	78.7	14.3	5/11/2010@11:42:48 AM		
10E0258-MS1	33	18.4	3.54	5/11/2010@11:43:39 AM		
10E0258-MSD1	34	16.6	3.21	5/11/2010@11:44:30 AM		
10E0259-BLK1	35	0.777	0.135	5/11/2010@11:45:20 AM		
10E0259-BS1	36	18.5	3.58	5/11/2010@11:46:11 AM		
WTD0968-08@5	37	3.78	0.727	5/11/2010@11:47:01 AM		
WTD0968-10@5	38	2.20	0.417	5/11/2010@11:47:50 AM		
WTD0968-11@5	39	1.47	0.272	5/11/2010@11:48:39 AM		
WTD0968-12@5	40	1.86	0.351	5/11/2010@11:49:28 AM		
10E0259-CCV1	41	19.2	3.71	5/11/2010@11:50:17 AM		
10E0259-CCV2	42	41.3	7.80	5/11/2010@11:51:09 AM		
CCB4	43	0.418	0.0642	5/11/2010@11:51:57 AM		
WTD0968-13@5	44	2.08	0.394	5/11/2010@11:52:45 AM		
WTD0968-14@5	45	5.72	1.11	5/11/2010@11:53:33 AM		
WTD0968-15@5	46	0.803	0.140	5/11/2010@11:54:22 AM		
WTD0968-16@5	47	1.22	0.224	5/11/2010@11:55:13 AM		
WTD0968-18@5	48	1.32	0.244	5/11/2010@11:56:05 AM		
WTD0968-19@5	49	1.82	0.342	5/11/2010@11:56:55 AM		
WTD0968-20@5	50	8.52	1.66	5/11/2010@11:57:46 AM		
WTE0004-01@20	51	6.07	1.18	5/11/2010@11:58:37 AM		
WTE0004-02@25	52	5.09	0.986	5/11/2010@11:59:27 AM		

WTE0032-01@10	53	37.8	7.16	5/11/2010@12:00:17 PM		
10E0259-CCV3	54	18.7	3.61	5/11/2010@12:01:07 PM		
10E0259-CCV4	55	41.8	7.88	5/11/2010@12:01:56 PM		
CCB5	56	0.601	0.100	5/11/2010@12:02:45 PM		
WTE0036-01@5	57	1.98	0.373	5/11/2010@12:03:34 PM		
WTE0041-01	58	6.42	1.25	5/11/2010@12:04:22 PM		
WTE0056-01@20	59	26.2	5.02	5/11/2010@12:05:11 PM		
WTE0093-01@10	60	5.90	1.14	5/11/2010@12:05:58 PM		
WTE0102-01@10	61	51.4	9.60	5/11/2010@12:06:49 PM		
WTE0178-03@10	62	67.3	12.4	5/11/2010@12:07:40 PM		
10E0259-MS1	63	24.7	4.74	5/11/2010@12:08:32 PM		
10E0259-MSD1	64	24.6	4.72	5/11/2010@12:09:23 PM		
10E0257-BLK1	65	0.490	0.0785	5/11/2010@12:10:15 PM		
10E0257-BS1	66	18.0	3.49	5/11/2010@12:11:05 PM		
10E0257-CCV1	67	18.1	3.51	5/11/2010@12:11:56 PM		
10E0257-CCV2	68	38.3	7.26	5/11/2010@12:12:46 PM		
CCB6	69	0.559	0.0920	5/11/2010@12:13:36 PM		
WTE0226-01@10	70	17.7	3.42	5/11/2010@12:14:26 PM		
10E0257-MS1	71	54.0	10.1	5/11/2010@12:15:15 PM		
10E0257-MSD1	72	52.0	9.70	5/11/2010@12:16:04 PM		
5.0 PPM	73	5.50	1.07	5/11/2010@12:16:52 PM		
WTD0896-03@5	74	28.0	5.35	5/11/2010@12:17:41 PM		
10E0258-MS1	75	22.8	4.38	5/11/2010@12:18:29 PM		
10E0258-MSD1	76	22.4	4.30	5/11/2010@12:19:19 PM		
WTD0968-02	77	12.2	2.37	5/11/2010@12:20:11 PM		
WTD0968-03	78	3.62	0.697	5/11/2010@12:21:03 PM		
WTD0968-04	79	9.52	1.85	5/11/2010@12:21:55 PM		
WTD0968-05	80	13.4	2.60	5/11/2010@12:22:46 PM		
CCV3	81	18.4	3.55	5/11/2010@12:23:37 PM		
CCV4	82	40.0	7.55	5/11/2010@12:24:28 PM		
CCB7	83	0.463	0.0730	5/11/2010@12:25:18 PM		
WTD0968-06	84	7.53	1.46	5/11/2010@12:26:09 PM		
WTD0968-07	85	27.4	5.25	5/11/2010@12:26:59 PM		
WTD0980-05@2	86	16.2	3.13	5/11/2010@12:27:48 PM		
WTD0980-07@5	87	11.5	2.23	5/11/2010@12:28:38 PM		
WTD0980-08	88	18.7	3.60	5/11/2010@12:29:26 PM		
WTD0980-09@25	89	23.8	4.57	5/11/2010@12:30:15 PM		
WTD0968-08	90	16.1	3.12	5/11/2010@12:31:04 PM		
WTD0968-10	91	8.43	1.64	5/11/2010@12:31:54 PM		
WTD0968-11	92	5.26	1.02	5/11/2010@12:32:47 PM		
WTD0968-12	93	4.86	0.940	5/11/2010@12:33:39 PM		
CCV5	94	17.9	3.46	5/11/2010@12:34:31 PM		
CCV6	95	40.9	7.72	5/11/2010@12:35:23 PM		
CCB8	96	0.546	0.0895	5/11/2010@12:36:15 PM		
WTD0968-13	97	9.56	1.86	5/11/2010@12:37:06 PM		
WTD0968-14	98	27.1	5.19	5/11/2010@12:37:57 PM		
WTD0968-15	99	2.72	0.519	5/11/2010@12:38:48 PM		
WTD0968-16	100	5.34	1.03	5/11/2010@12:39:39 PM		
WTD0968-18	101	5.45	1.06	5/11/2010@12:40:29 PM		
WTD0968-19	102	6.98	1.36	5/11/2010@12:41:19 PM		
WTD0968-20@2	103	7.58	1.47	5/11/2010@12:42:09 PM		
WTE0004-01@5	104	26.1	5.01	5/11/2010@12:42:58 PM		
WTE0004-02@5	105	24.0	4.62	5/11/2010@12:43:47 PM		
WTE0036-01	106	17.9	3.46	5/11/2010@12:44:38 PM		
CCV7	107	38.9	7.36	5/11/2010@12:45:32 PM		
CCV8	108	0.512	0.0829	5/11/2010@12:46:24 PM		
CCB9	109	26.8	5.12	5/11/2010@12:47:16 PM		
WTE0093-01@2	110	23.4	4.50	5/11/2010@12:48:08 PM		

Author: wtlab Date : 5/11/2010

Original Run Filename: OM_5-11-2010_12-57-18PM.OMN created 5/11/2010 12:57:18 PM
Original Run Author's Signature: [wtlab]
Current Run Filename: OM_5-11-2010_12-57-18PM.OMN last modified 5/11/2010 1:22:42 PM
Current Run Author's Signature: [wtlab]
Description: Default New Run

Sample	Cup No.	Channel 1 Chloride Conc. (mg/L)	Channel 1 Chloride Area (Vs)	Detection Time	MDF	Description
CCV5	94	19.4	3.74	5/11/2010@12:58:07 PM		
CCV6	95	40.7	7.68	5/11/2010@12:58:59 PM		
CCB8	96	0.419	0.0644	5/11/2010@12:59:51 PM		
WTD0968-13	97	9.60	1.87	5/11/2010@1:00:42 PM		
WTD0968-14	98	27.0	5.18	5/11/2010@1:01:33 PM		
WTD0968-15	99	2.66	0.508	5/11/2010@1:02:23 PM		
WTD0968-16	100	5.29	1.02	5/11/2010@1:03:14 PM		
WTD0968-18	101	5.39	1.04	5/11/2010@1:04:04 PM		
WTD0968-19	102	6.94	1.35	5/11/2010@1:04:55 PM		
WTD0968-20@2	103	6.50	1.26	5/11/2010@1:05:44 PM		
WTE0004-01@5	104	22.9	4.40	5/11/2010@1:06:34 PM		
WTE0004-02@5	105	23.8	4.57	5/11/2010@1:07:23 PM		
Calibration:		Table/Fig. 1				
WTE0036-01	106	8.17	1.59	5/11/2010@1:08:14 PM		
CCV7	107	19.1	3.69	5/11/2010@1:09:07 PM		
CCV8	108	38.9	7.36	5/11/2010@1:10:05 PM		
CCB9	109	0.502	0.0809	5/11/2010@1:10:57 PM		
WTE0093-01@2	110	23.7	4.55	5/11/2010@1:11:49 PM		
WTE0102-01@20	111	18.7	3.62	5/11/2010@1:12:42 PM		
WTE0178-03@25	112	12.4	2.41	5/11/2010@1:13:34 PM		
BLK1	113	1.27	0.233	5/11/2010@1:14:25 PM		
BS1	114	8.54	1.66	5/11/2010@1:15:16 PM		
BS2	115	15.6	3.02	5/11/2010@1:16:07 PM		
WTE0113-01	116	1.52	0.282	5/11/2010@1:16:58 PM		
WTE0118-01	117	553	74.5	5/11/2010@1:17:48 PM		
WTE0135-01	118	24.9	4.78	5/11/2010@1:18:38 PM		
WTE0225-01	119	1.42	0.263	5/11/2010@1:19:28 PM		
CCV9	120	19.2	3.71	5/11/2010@1:20:18 PM		
CCV10	121	39.4	7.46	5/11/2010@1:21:09 PM		
CCB10	122	0.474	0.0752	5/11/2010@1:22:02 PM		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\050310\
Data File : 22.D
Acq On : 3 May 2010 10:34 pm
Operator : ABA
Sample : WTD0968-08
Misc :
InstName : GCMS1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 04 06:50:08 2010
Quant Method : C:\msdchem\1\METHODS\040610W.M
Quant Title : 8260+
QLast Update : Tue Apr 06 13:56:22 2010
Response via : Initial Calibration

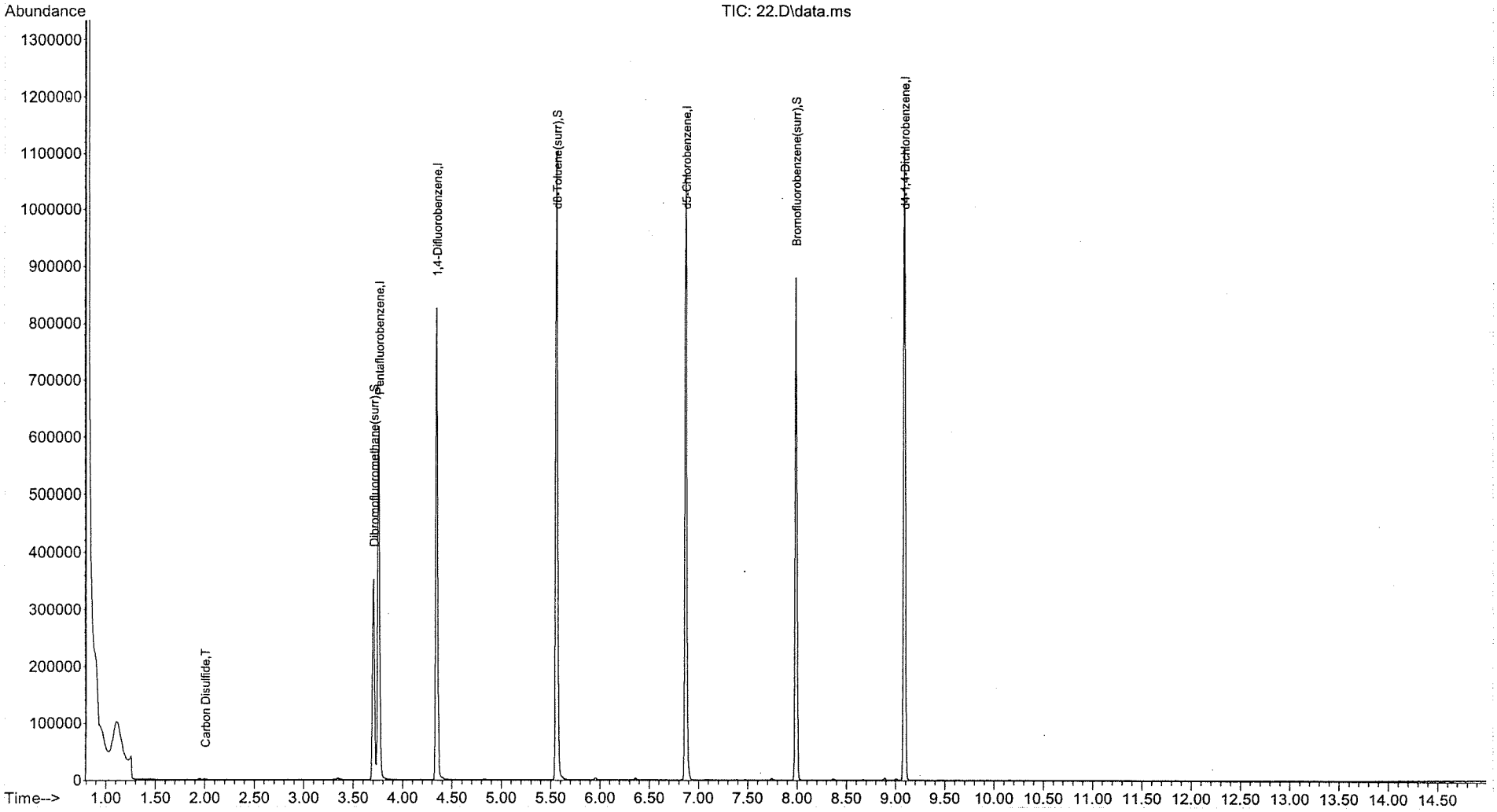
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	3.760	168	335464	50.00	ug/L	0.00
39) 1,4-Difluorobenzene	4.347	114	491445	50.00	ug/L	0.00
53) d5-Chlorobenzene	6.874	117	472080	50.00	ug/L	0.00
75) d4-1,4-Dichlorobenzene	9.092	152	240138	50.00	ug/L	0.00
System Monitoring Compounds						
32) Dibromofluoromethane(s...	3.707	113	155232	54.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.28%			
54) d8-Toluene(surr)	5.563	98	529215	51.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.60%			
66) Bromofluorobenzene(surr)	7.991	95	219598	48.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.10%			
Target Compounds						Qvalue
12) Acetone	1.946	43	2245	Below Cal	#	95
17) Carbon Disulfide	2.003	76	1474	0.21	ug/L #	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\050310\
Data File : 22.D
Acq On : 3 May 2010 10:34 pm
Operator : ABA
Sample : WTD0968-08
Misc :
InstName : GCMS1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 04 06:50:08 2010
Quant Method : C:\msdchem\1\METHODS\040610W.M
Quant Title : 8260+
QLast Update : Tue Apr 06 13:56:22 2010
Response via : Initial Calibration



ATTACHMENT B

Laboratory Analytical Report

WTD0968 Ps 1 of 3

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

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

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

Client Name: BT Squared, Inc. Client #: ____
Address: 2830 Dairy Dr.
City/State/Zip Code: Madison WI 53718
Project Manager: R. Langdon
Telephone Number: (608) 224-2830 Fax: (608) 224-2835
Sampler Name: (Print Name) S. Smith
Sampler Signature: S Smith

Project Name: Onalaska Landfill
Project #: 3550
Site/Location ID: midway State: WI
Report To: S Smith - BT2
Invoice To: S. Smith - BT2
Quote # Lab quote dated 3/8/10 - expires 12/31/10 PO#: ____

E-mail address: ____

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: 2wks.
Fax Results: Y (N)
E-mail: (Y) N

QC Deliverables: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ____

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs (8260B)	As, Ba, Fe, Pb, Mn, Ca, Co, Hg, V	Chloride	Alkalinity	REMARKS
01	Trip Blank #1	4/25/10	0800	G	N	GW		1						X				
02	AM-28		0900		Y(1)		1	3				1		X	X	X	X	
03	MW-1SR		0940											X	X	X	X	
04	MW45		1005											X	X	X	X	
05	MW5S		1045											X	X	X	X	
06	MW6S		1130											X	X	X	X	
07	MW6M		1230											X	X	X	X	
08	MW8S		1350											X	X	X	X	
09	MW8S Dup.		1350		N									X				
10	MW8M		1430		Y(1)		1					1		X	X	X	X	

Special Instructions:
* Need Data Validation Package for MW8S
(1) VOCs unfiltered. Rest are field filtered.
* Needs GEMS data

LABORATORY COMMENTS:
Init Lab Temp: 1.6°C
Rec Lab Temp:
Custody Seals: Y N (N/A)
Bottles Supplied by TestAmerica: (Y) N
Method of Shipment: TA

Relinquished By: J Valeluff	Date: 8am	Time: 4/30	Received By:	Date: 4-30	Time: 1052
Relinquished By:	Date: 4-30	Time: 1255	Received By:	Date: 4/30/10	Time: 1426
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAL-0020 (1207)

WTD0968 Ps. 2 of 3

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

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

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

Client Name _____ Client #: _____

Address: _____ #3550 cw-PSU

City/State/Zip Code: _____

Project Manager: _____

Telephone Number: _____ Fax: _____

Sampler Name: (Print Name) _____

Sampler Signature: _____

Project Name: _____

Project #: _____

Site/Location ID: _____ State: _____

Report To: _____

Invoice To: _____

Quote #: _____ PO#: _____

E-mail address: _____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N
E-mail: Y N

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs (8260B)	As, Ba, F, Pb, Mn, Cd, Co, Hg, V	Chloride	Alkalinity	QC Deliverables: None / Level 2 (Batch QC) / Level 3 / Level 4 / Other:	REMARKS
11	mw 14S	4/25/10	1500	G	Y①	GW	1	3				1		X	X	X	X		
12	mw 15M		1545											X	X	X	X		
13	mw 16S		1605											X	X	X	X		
14	mw 16M		1640											X	X	X	X		
15	mw 17S		1710											X	X	X	X		
16	mw 17M		1745											X	X	X	X		
17	mw 17M Dup.		1745		N									X					
	~~Trip Blank~~	~~Filtered~~			N			④						~~X~~					NO SAMPLE
18	PZ-1	4/25/10	1525		Y①		1	3				1		X	X	X	X		
19	PZ-2		1600									1		X	X	X	X		

Special Instructions:
① VOCs unfiltered, rest are field filtered.

Relinquished By: J Vadeboncoeur	Date: 4/30	Time: 830	Received By:	Date: 4-30	Time: 1052
Relinquished By:	Date: 4-30	Time: 1255	Received By:	Date: 4/30/10	Time: 1426
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp: 1C3
Rec Lab Temp:
Custody Seals: Y N (N/A)
Bottles Supplied by TestAmerica: Y N
Method of Shipment: TA

WTD0968 Pg. 3 of 3

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

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

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

Client Name _____ Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: _____
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) _____
Sampler Signature: _____

#3550 SWPS-1

Project Name: _____
Project #: _____
Site/Location ID: _____ State: _____
Report To: _____
Invoice To: _____
Quote #: _____ PO#: _____

E-mail address: _____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N
E-mail: Y N

QC Deliverables
___ None
X Level 2 *(Batch QC)*
___ Level 3
___ Level 4
Other: _____

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs (8260B)	As, Ba, Fe, Pb, Mn, Co, Cd, Hg, V	Chloride	Alkalinity	REMARKS
20	PZ-3	4/28/10	1330	G	Y	GW	3	3				1		X	X	X	X	
21	Ackerman PW	4/29/10	0910		N	DW								X	X			
	[illegible]																	NO SAMPLE
22	Pretasky PW		0920											X	X			
23	Johnson PW		0930											X	X			
24	Trip Blank #2		0800		N	GW		1						X				

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp: 7.6
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment:

	Date	Time		Date	Time
Relinquished By: J Valdroff	4/30	8am	Received By:	4-30	1052
Relinquished By:	4-30	1255	Received By:	4/30/10	1426
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAL-0020 (1207)

Cooler Receipt Log

Work Order(s): WTD0968 Client Name/Project: IST 2 # of Coolers: _____

1. How did samples arrive? ☐ Fed-Ex ☐ UPS ☑ TestAmerica ☐ Client ☐ Dunham ☐ Speedy ☐ _____
2. What was the condition of custody seals? ..... ☐ Intact ☐ Broken ☑ Not present

Date/time cooler was opened: 4/30/10 1255 **By:** Roger Mabb

3. Temperature °C_____ Received on ice? ... ☑ Yes ☐ No
4. Does this Project require RUSH turn around? ..... ☐ Yes ☑ No
5. Are there any short hold time tests? ..... ☐ Yes ☑ No

☐ within 1 hr of or ☐ past expiration of hold-time? ..... Provide details in space at bottom of form

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

6. Except for tests with hold times of 48 hrs or less, are any samples

☐ within 2 days of or ☐ past expiration of hold-time? ..... ☐ Yes ☑ No Provide details in space at bottom of form

Which Ops Mgr, PM or Analyst was informed of short hold and when? ..... Who_____ When_____

7. Is the date and time of collection recorded? ..... Date ☑ Yes ☐ No Time ☑ Yes ☐ No
8. Were all sample containers listed on the COC received and intact? ..... ☑ Yes ☐ No Provide details in space at bottom of form
9. Do sample IDs match the COC? ..... ☑ Yes ☐ No Provide details in space at bottom of form
10. Are dissolved parameters field filtered or being filtered in the lab? ..... ☐ Field ☐ Lab ☑ NA
11. Are sample volumes adequate and preservatives correct for test requested?.. Vol. ☑ Yes ☐ No Pres. ☑ Yes ☐ No
12. Are VOC samples free of bubbles >6mm? ..... ☐ Yes ☐ No ☑ NA
13. How were VOC soils received? ☐ Methanol ☐ Sodium Bisulfate ☐ Packed jar ☐ Encore ☐ Water* ☐ Other

*☐ within 48 hrs of sampling ☐ past 48 hrs of sampling ☐ Frozen ☐ Not Frozen

14. Is an aqueous Trip Blank included? ☐ Yes ☐ No ☑ NA Is a Methanol Trip Blank included? ☐ Yes ☐ No ☑ NA
15. Are any samples on hold? ..... ☐ Yes ☑ No Provide details in space at bottom of form
16. Are there samples to be subcontracted? ..... ☐ Yes ☑ No
17. If any changes are made to this Work Order after Login, or if comments must be made regarding this cooler, explain them below:

_____

_____

_____

_____

_____

_____

_____

_____

6mm = ------

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

May 12, 2010

Client: BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718

Attn: Mr. Steve Smith

Work Order: WTD0968
Project Name: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Date Received: 04/30/10

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
Trip Blank #1	WTD0968-01	04/28/10
AM-28	WTD0968-02	04/28/10 09:00
MW-1SR	WTD0968-03	04/28/10 09:40
MW-4S	WTD0968-04	04/28/10 10:05
MW-5S	WTD0968-05	04/28/10 10:45
MW-6S	WTD0968-06	04/28/10 11:30
MW-6M	WTD0968-07	04/28/10 12:30
MW-8S	WTD0968-08	04/28/10 13:50
MW-8S Dup.	WTD0968-09	04/28/10 13:50
MW-8M	WTD0968-10	04/28/10 14:30
MW-14S	WTD0968-11	04/28/10 15:00
MW-15M	WTD0968-12	04/28/10 15:45
MW-16S	WTD0968-13	04/28/10 16:05
MW-16M	WTD0968-14	04/28/10 16:40
MW-17S	WTD0968-15	04/28/10 17:10
MW-17M	WTD0968-16	04/28/10 17:45
MW-17M Dup.	WTD0968-17	04/28/10 17:45
PZ-1	WTD0968-18	04/28/10 15:25
PZ-2	WTD0968-19	04/28/10 16:00
PZ-3	WTD0968-20	04/28/10 13:30
Ackerman PW	WTD0968-21	04/29/10 09:10
Pretasky Well	WTD0968-22	04/29/10 09:20
Johnson Well	WTD0968-23	04/29/10 09:30
Trip Blank #2	WTD0968-24	04/29/10 08:00

Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530

The Chain(s) of Custody, 4 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.

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

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

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order:	WTD0968	Received:	04/30/10
Project:	Onalaska Landfill	Reported:	05/12/10 07:28
Project Number:	3550 Onalaska Landfill		

Approved By:

Brian DeJong

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-01 (Trip Blank #1 - DI)							**Sampled: 04/28/10**			
Sample Location: 00507999										
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-01 (Trip Blank #1 - DI) - cont.							**Sampled: 04/28/10**			
Sample Location: 00507999										
VOCs by SW8260B - cont.										
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 20:48	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*109 %*									
Surr: Toluene-d8 (80-120%)	*103 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*96 %*									
Sample ID: WTD0968-02 (AM-28 - Ground Water)							**Sampled: 04/28/10 09:00**			
Sample Location: 00507xxx										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**300**		mg/L	40	50	2	05/10/10 14:41	ler	10E0229	EPA 310.2
Chloride	**12**		mg/L	1.5	5.0	1	05/11/10 12:20	ler	10E0258	SM 4500CIE
Metals Dissolved										
Arsenic	<0.61		ug/L	0.61	2.0	1	05/05/10 10:42	gaf	10E0039	SW 6020A
Barium	**130**		ug/L	0.61	2.0	1	05/05/10 10:42	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:42	gaf	10E0039	SW 6020A
Cobalt	**2.5**		ug/L	0.61	2.0	1	05/05/10 10:42	gaf	10E0039	SW 6020A
Iron	**460**	J	ug/L	150	500	1	05/05/10 10:42	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:42	gaf	10E0039	SW 6020A
Manganese	**2100**		ug/L	12	40	20	05/05/10 10:42	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:06	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:42	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
tert-Butylbenzene	**0.21**	J	ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-02 (AM-28 - Ground Water) - cont. **Sampled: 04/28/10 09:00**

Sample Location: 00507xxx

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 17:00	MAE	10E0079	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*96 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*									

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-03 (MW-1SR - Ground Water)							**Sampled: 04/28/10 09:40**			
Sample Location: 00507141										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**170**		mg/L	20	25	1	05/10/10 15:58	ler	10E0229	EPA 310.2
Chloride	**3.6**	J	mg/L	1.5	5.0	1	05/11/10 12:21	ler	10E0258	SM 4500CIE
Metals Dissolved										
Arsenic	<0.61		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Barium	**33**		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Iron	**280**	J	ug/L	150	500	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Manganese	**49**		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:12	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:43	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-03 (MW-1SR - Ground Water) - cont.							**Sampled: 04/28/10 09:40**			
Sample Location: 00507141										
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 19:56	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*109 %*									
Surr: Toluene-d8 (80-120%)	*103 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*									
Sample ID: WTD0968-04 (MW-4S - Ground Water)							**Sampled: 04/28/10 10:05**			
Sample Location: 00507120										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**290**		mg/L	40	50	2	05/10/10 15:59	ler	10E0229	EPA 310.2
Chloride	**9.5**		mg/L	1.5	5.0	1	05/11/10 12:21	ler	10E0258	SM 4500ClE
Metals Dissolved										
Arsenic	**5.8**		ug/L	0.61	2.0	1	05/05/10 10:45	gaf	10E0039	SW 6020A
Barium	**270**		ug/L	12	40	20	05/05/10 10:45	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:45	gaf	10E0039	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 10:45	gaf	10E0039	SW 6020A
Iron	**9200**		ug/L	150	500	1	05/05/10 10:45	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:45	gaf	10E0039	SW 6020A
Manganese	**1300**		ug/L	12	40	20	05/05/10 10:45	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:14	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:45	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Bromobenzene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Bromochloromethane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Bromodichloromethane	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Bromoform	<1.6		ug/L	1.6	40	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Bromomethane	<4.0		ug/L	4.0	40	8	05/06/10 16:30	MAE	10E0117	SW 8260B

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-04RE1 (MW-4S - Ground Water) - cont. **Sampled: 04/28/10 10:05**

Sample Location: 00507120

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
n-Butylbenzene	**7.7**	J	ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
sec-Butylbenzene	**20**		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
tert-Butylbenzene	**2.7**	J	ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Carbon Tetrachloride	<6.4		ug/L	6.4	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Chlorobenzene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Chlorodibromomethane	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Chloroethane	<8.0		ug/L	8.0	40	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Chloroform	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Chloromethane	<2.4		ug/L	2.4	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
2-Chlorotoluene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
4-Chlorotoluene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2-Dibromo-3-chloropropane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2-Dibromoethane (EDB)	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Dibromomethane	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2-Dichlorobenzene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,3-Dichlorobenzene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,4-Dichlorobenzene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Dichlorodifluoromethane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1-Dichloroethane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2-Dichloroethane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1-Dichloroethene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
cis-1,2-Dichloroethene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
trans-1,2-Dichloroethene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2-Dichloropropane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,3-Dichloropropane	<2.0		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
2,2-Dichloropropane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1-Dichloropropene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
cis-1,3-Dichloropropene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
trans-1,3-Dichloropropene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
2,3-Dichloropropene	<2.0		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Isopropyl Ether	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Ethylbenzene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Hexachlorobutadiene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Isopropylbenzene	**9.3**	J	ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
p-Isopropyltoluene	**19**		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Methylene Chloride	<8.0		ug/L	8.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Methyl tert-Butyl Ether	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Naphthalene	**4.1**	J	ug/L	2.0	40	8	05/06/10 16:30	MAE	10E0117	SW 8260B
n-Propylbenzene	**20**		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Styrene	<4.0		ug/L	4.0	40	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1,1,2-Tetrachloroethane	<2.0		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1,2,2-Tetrachloroethane	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Tetrachloroethene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Toluene	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2,3-Trichlorobenzene	<2.0		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2,4-Trichlorobenzene	<2.0		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1,1-Trichloroethane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,1,2-Trichloroethane	<2.0		ug/L	2.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Trichloroethene	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Trichlorofluoromethane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-04RE1 (MW-4S - Ground Water) - cont.							**Sampled: 04/28/10 10:05**			
Sample Location: 00507120										
VOCs by SW8260B - cont.										
1,2,3-Trichloropropane	<4.0		ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,2,4-Trimethylbenzene	**480**		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
1,3,5-Trimethylbenzene	**18**		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Vinyl chloride	<1.6		ug/L	1.6	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Xylenes, Total	**8.0**	J	ug/L	4.0	16	8	05/06/10 16:30	MAE	10E0117	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*94 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*									
Sample ID: WTD0968-05 (MW-5S - Ground Water)							**Sampled: 04/28/10 10:45**			
Sample Location: 00507121										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**260**		mg/L	40	50	2	05/10/10 16:00	ler	10E0229	EPA 310.2
Chloride	**13**		mg/L	1.5	5.0	1	05/11/10 12:22	ler	10E0258	SM 4500ClE
Metals Dissolved										
Arsenic	**15**		ug/L	0.61	2.0	1	05/05/10 10:46	gaf	10E0039	SW 6020A
Barium	**280**		ug/L	12	40	20	05/05/10 10:46	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:46	gaf	10E0039	SW 6020A
Cobalt	**5.1**		ug/L	0.61	2.0	1	05/05/10 10:46	gaf	10E0039	SW 6020A
Iron	**23000**		ug/L	3000	10000	20	05/05/10 10:46	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:46	gaf	10E0039	SW 6020A
Manganese	**2000**		ug/L	12	40	20	05/05/10 10:46	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:16	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:46	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Bromobenzene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Bromochloromethane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Bromodichloromethane	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Bromoform	<1.0		ug/L	1.0	25	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Bromomethane	<2.5		ug/L	2.5	25	5	05/06/10 16:56	MAE	10E0117	SW 8260B
n-Butylbenzene	**1.7**	J	ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
sec-Butylbenzene	**7.9**	J	ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
tert-Butylbenzene	**7.3**	J	ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Carbon Tetrachloride	<4.0		ug/L	4.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Chlorobenzene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Chlorodibromomethane	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Chloroethane	<5.0		ug/L	5.0	25	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Chloroform	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Chloromethane	<1.5		ug/L	1.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
2-Chlorotoluene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
4-Chlorotoluene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2-Dibromo-3-chloropropane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2-Dibromoethane (EDB)	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Dibromomethane	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2-Dichlorobenzene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,3-Dichlorobenzene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,4-Dichlorobenzene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Dichlorodifluoromethane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1-Dichloroethane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-05RE1 (MW-5S - Ground Water) - cont. **Sampled: 04/28/10 10:45**

Sample Location: 00507121

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,2-Dichloroethane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1-Dichloroethene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
cis-1,2-Dichloroethene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
trans-1,2-Dichloroethene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2-Dichloropropane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,3-Dichloropropane	<1.3		ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
2,2-Dichloropropane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1-Dichloropropene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
cis-1,3-Dichloropropene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
trans-1,3-Dichloropropene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
2,3-Dichloropropene	<1.3		ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Isopropyl Ether	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Ethylbenzene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Hexachlorobutadiene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Isopropylbenzene	**30**		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
p-Isopropyltoluene	**2.8**	J	ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Methylene Chloride	<5.0		ug/L	5.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Methyl tert-Butyl Ether	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Naphthalene	**23**	J	ug/L	1.3	25	5	05/06/10 16:56	MAE	10E0117	SW 8260B
n-Propylbenzene	**43**		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Styrene	<2.5		ug/L	2.5	25	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1,1,2-Tetrachloroethane	<1.3		ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1,2,2-Tetrachloroethane	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Tetrachloroethene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Toluene	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2,3-Trichlorobenzene	<1.3		ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2,4-Trichlorobenzene	<1.3		ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1,1-Trichloroethane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,1,2-Trichloroethane	<1.3		ug/L	1.3	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Trichloroethene	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Trichlorofluoromethane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2,3-Trichloropropane	<2.5		ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,2,4-Trimethylbenzene	**430**		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
1,3,5-Trimethylbenzene	**1.6**	J	ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Vinyl chloride	<1.0		ug/L	1.0	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Xylenes, Total	**8.5**	J	ug/L	2.5	10	5	05/06/10 16:56	MAE	10E0117	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*									

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-06 (MW-6S - Ground Water)							**Sampled: 04/28/10 11:30**			
Sample Location: 00507122										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**300**		mg/L	100	130	5	05/10/10 14:45	ler	10E0229	EPA 310.2
Chloride	**7.5**		mg/L	1.5	5.0	1	05/11/10 12:26	ler	10E0258	SM 4500ClE
Metals Dissolved										
Arsenic	**1.0**	J	ug/L	0.61	2.0	1	05/05/10 10:47	gaf	10E0039	SW 6020A
Barium	**240**		ug/L	31	100	50	05/05/10 10:47	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:47	gaf	10E0039	SW 6020A
Cobalt	**2.1**		ug/L	0.61	2.0	1	05/05/10 10:47	gaf	10E0039	SW 6020A
Iron	**540**		ug/L	150	500	1	05/05/10 10:47	gaf	10E0039	SW 6020A
Lead	**1.4**	J	ug/L	0.61	2.0	1	05/05/10 10:47	gaf	10E0039	SW 6020A
Manganese	**3800**		ug/L	31	100	50	05/05/10 10:47	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:18	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:47	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
sec-Butylbenzene	**4.9**		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
tert-Butylbenzene	**14**		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-06 (MW-6S - Ground Water) - cont.							**Sampled: 04/28/10 11:30**			
Sample Location: 00507122										
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 23:26	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*109 %*									
Surr: Toluene-d8 (80-120%)	*102 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*									
Sample ID: WTD0968-07 (MW-6M - Ground Water)							**Sampled: 04/28/10 12:30**			
Sample Location: 00507123										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**350**		mg/L	100	130	5	05/10/10 14:47	ler	10E0229	EPA 310.2
Chloride	**27**		mg/L	1.5	5.0	1	05/11/10 12:26	ler	10E0258	SM 4500ClE
Metals Dissolved										
Arsenic	**1.7**	J	ug/L	0.61	2.0	1	05/05/10 10:49	gaf	10E0039	SW 6020A
Barium	**2300**		ug/L	31	100	50	05/05/10 10:49	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:49	gaf	10E0039	SW 6020A
Cobalt	**3.0**		ug/L	0.61	2.0	1	05/05/10 10:49	gaf	10E0039	SW 6020A
Iron	**580**		ug/L	150	500	1	05/05/10 10:49	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:49	gaf	10E0039	SW 6020A
Manganese	**4000**		ug/L	31	100	50	05/05/10 10:49	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:20	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:49	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-07 (MW-6M - Ground Water) - cont. **Sampled: 04/28/10 12:30**

Sample Location: 00507123

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
sec-Butylbenzene	**5.0**		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
tert-Butylbenzene	**5.8**		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Chloroethane	**1.2**	J	ug/L	1.0	5.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Isopropylbenzene	**4.4**		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-07 (MW-6M - Ground Water) - cont.							**Sampled: 04/28/10 12:30**			
Sample Location: 00507123										
VOCs by SW8260B - cont.										
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 22:07	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*109 %*									
Surr: Toluene-d8 (80-120%)	*101 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*96 %*									
Sample ID: WTD0968-08 (MW-8S - Ground Water)							**Sampled: 04/28/10 13:50**			
Sample Location: 00507124										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**220**		mg/L	40	50	2	05/10/10 16:01	ler	10E0229	EPA 310.2
Chloride	**16**		mg/L	1.5	5.0	1	05/11/10 12:31	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	<0.61		ug/L	0.61	2.0	1	05/05/10 10:50	gaf	10E0039	SW 6020A
Barium	**60**		ug/L	0.61	2.0	1	05/05/10 10:50	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:50	gaf	10E0039	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 10:50	gaf	10E0039	SW 6020A
Iron	**330**	J	ug/L	150	500	1	05/05/10 10:50	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:50	gaf	10E0039	SW 6020A
Manganese	**570**		ug/L	6.1	20	10	05/05/10 10:50	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:27	jej	10E0038	SW 7470A
Vanadium	**0.64**	J	ug/L	0.61	2.0	1	05/05/10 10:50	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-08 (MW-8S - Ground Water) - cont. **Sampled: 04/28/10 13:50**

Sample Location: 00507124

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 22:34	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*109 %*									
Surr: Toluene-d8 (80-120%)	*103 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*									

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-09 (MW-8S Dup. - Ground Water) **Sampled: 04/28/10 13:50**

Sample Location: 00507124

VOCs by SW8260B

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
sec-Butylbenzene	**0.66**	J	ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
tert-Butylbenzene	**0.24**	J	ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-09 (MW-8S Dup. - Ground Water) - cont.							**Sampled: 04/28/10 13:50**			
Sample Location: 00507124										
VOCs by SW8260B - cont.										
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 23:00	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*110 %*									
Surr: Toluene-d8 (80-120%)	*103 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*96 %*									
Sample ID: WTD0968-10 (MW-8M - Ground Water)							**Sampled: 04/28/10 14:30**			
Sample Location: 00507125										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**270**		mg/L	40	50	2	05/10/10 16:02	ler	10E0229	EPA 310.2
Chloride	**8.4**		mg/L	1.5	5.0	1	05/11/10 12:31	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**2.3**		ug/L	0.61	2.0	1	05/05/10 10:52	gaf	10E0039	SW 6020A
Barium	**720**		ug/L	12	40	20	05/05/10 10:52	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:52	gaf	10E0039	SW 6020A
Cobalt	**0.67**	J	ug/L	0.61	2.0	1	05/05/10 10:52	gaf	10E0039	SW 6020A
Iron	**430**	J	ug/L	150	500	1	05/05/10 10:52	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:52	gaf	10E0039	SW 6020A
Manganese	**2800**		ug/L	12	40	20	05/05/10 10:52	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:29	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:52	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
sec-Butylbenzene	**0.43**	J	ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-10 (MW-8M - Ground Water) - cont.							**Sampled: 04/28/10 14:30**			
Sample Location: 00507125										
VOCs by SW8260B - cont.										
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/03/10 23:52	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*109 %*									
Surr: Toluene-d8 (80-120%)	*103 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*									

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-11 (MW-14S - Ground Water)							**Sampled: 04/28/10 15:00**			
Sample Location: 00507127										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**220**		mg/L	40	50	2	05/10/10 16:03	ler	10E0229	EPA 310.2
Chloride	**5.3**		mg/L	1.5	5.0	1	05/11/10 12:32	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**1.0**	J	ug/L	0.61	2.0	1	05/05/10 10:53	gaf	10E0039	SW 6020A
Barium	**130**		ug/L	12	40	20	05/05/10 10:53	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:53	gaf	10E0039	SW 6020A
Cobalt	**0.86**	J	ug/L	0.61	2.0	1	05/05/10 10:53	gaf	10E0039	SW 6020A
Iron	**17000**		ug/L	3000	10000	20	05/05/10 10:53	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:53	gaf	10E0039	SW 6020A
Manganese	**1800**		ug/L	12	40	20	05/05/10 10:53	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:31	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:53	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
n-Butylbenzene	**1.8**	J	ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
sec-Butylbenzene	**1.1**	J	ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-11 (MW-14S - Ground Water) - cont.							**Sampled: 04/28/10 15:00**			
Sample Location: 00507127										
VOCs by SW8260B - cont.										
Ethylbenzene	**0.52**	J	ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Isopropylbenzene	**1.1**	J	ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
p-Isopropyltoluene	**0.57**	J	ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Naphthalene	**11**		ug/L	0.25	5.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
n-Propylbenzene	**1.3**	J	ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	**1.9**	J	ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	**0.49**	J	ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Xylenes, Total	**1.6**	J	ug/L	0.50	2.0	1	05/04/10 00:18	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*108 %*									
Surr: Toluene-d8 (80-120%)	*102 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*									
Sample ID: WTD0968-12 (MW-15M - Ground Water)							**Sampled: 04/28/10 15:45**			
Sample Location: 00507137										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**160**		mg/L	40	50	2	05/10/10 16:04	ler	10E0229	EPA 310.2
Chloride	**4.9**	J	mg/L	1.5	5.0	1	05/11/10 12:33	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**1.9**	J	ug/L	0.61	2.0	1	05/05/10 10:54	gaf	10E0039	SW 6020A
Barium	**410**		ug/L	12	40	20	05/05/10 10:54	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:54	gaf	10E0039	SW 6020A
Cobalt	**0.77**	J	ug/L	0.61	2.0	1	05/05/10 10:54	gaf	10E0039	SW 6020A
Iron	**1000**		ug/L	150	500	1	05/05/10 10:54	gaf	10E0039	SW 6020A
Lead	**1.6**	J	ug/L	0.61	2.0	1	05/05/10 10:54	gaf	10E0039	SW 6020A
Manganese	**2400**		ug/L	12	40	20	05/05/10 10:54	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:34	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:54	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-12 (MW-15M - Ground Water) - cont. **Sampled: 04/28/10 15:45**

Sample Location: 00507137

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
sec-Butylbenzene	**0.51**	J	ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
tert-Butylbenzene	**0.40**	J	ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-12 (MW-15M - Ground Water) - cont.							**Sampled: 04/28/10 15:45**			
Sample Location: 00507137										
VOCs by SW8260B - cont.										
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/04/10 00:44	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*108 %*									
Surr: Toluene-d8 (80-120%)	*102 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*									
Sample ID: WTD0968-13 (MW-16S - Ground Water)							**Sampled: 04/28/10 16:05**			
Sample Location: 00507147										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**380**		mg/L	100	130	5	05/10/10 14:52	ler	10E0229	EPA 310.2
Chloride	**9.6**		mg/L	1.5	5.0	1	05/11/10 12:37	ler	10E0259	SM 4500CIE
Metals Dissolved										
Arsenic	**7.3**		ug/L	0.61	2.0	1	05/05/10 10:56	gaf	10E0039	SW 6020A
Barium	**270**		ug/L	12	40	20	05/05/10 10:56	gaf	10E0039	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 10:56	gaf	10E0039	SW 6020A
Cobalt	**1.4**	J	ug/L	0.61	2.0	1	05/05/10 10:56	gaf	10E0039	SW 6020A
Iron	**25000**		ug/L	3000	10000	20	05/05/10 10:56	gaf	10E0039	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 10:56	gaf	10E0039	SW 6020A
Manganese	**3400**		ug/L	12	40	20	05/05/10 10:56	gaf	10E0039	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:36	jej	10E0038	SW 7470A
Vanadium	**0.66**	J	ug/L	0.61	2.0	1	05/05/10 10:56	gaf	10E0039	SW 6020A
VOCs by SW8260B										
Benzene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Bromobenzene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Bromochloromethane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Bromodichloromethane	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Bromoform	<0.40		ug/L	0.40	10	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Bromomethane	<1.0		ug/L	1.0	10	2	05/06/10 17:23	MAE	10E0117	SW 8260B
n-Butylbenzene	**5.3**		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
sec-Butylbenzene	**15**		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
tert-Butylbenzene	**13**		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Carbon Tetrachloride	<1.6		ug/L	1.6	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Chlorobenzene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Chlorodibromomethane	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Chloroethane	<2.0		ug/L	2.0	10	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Chloroform	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Chloromethane	<0.60		ug/L	0.60	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
2-Chlorotoluene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
4-Chlorotoluene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2-Dibromo-3-chloropropane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2-Dibromoethane (EDB)	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Dibromomethane	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2-Dichlorobenzene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,3-Dichlorobenzene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,4-Dichlorobenzene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Dichlorodifluoromethane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1-Dichloroethane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-13RE1 (MW-16S - Ground Water) - cont. **Sampled: 04/28/10 16:05**

Sample Location: 00507147

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,2-Dichloroethane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1-Dichloroethene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
cis-1,2-Dichloroethene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
trans-1,2-Dichloroethene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2-Dichloropropane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,3-Dichloropropane	<0.50		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
2,2-Dichloropropane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1-Dichloropropene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
cis-1,3-Dichloropropene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
trans-1,3-Dichloropropene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
2,3-Dichloropropene	<0.50		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Isopropyl Ether	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Ethylbenzene	**17**		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Hexachlorobutadiene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Isopropylbenzene	**43**		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
p-Isopropyltoluene	**8.8**		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Methylene Chloride	<2.0		ug/L	2.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Methyl tert-Butyl Ether	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Naphthalene	**38**		ug/L	0.50	10	2	05/06/10 17:23	MAE	10E0117	SW 8260B
n-Propylbenzene	**74**		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Styrene	<1.0		ug/L	1.0	10	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1,1,2-Tetrachloroethane	<0.50		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1,2,2-Tetrachloroethane	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Tetrachloroethene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Toluene	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2,3-Trichlorobenzene	<0.50		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2,4-Trichlorobenzene	<0.50		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1,1-Trichloroethane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,1,2-Trichloroethane	<0.50		ug/L	0.50	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Trichloroethene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Trichlorofluoromethane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2,3-Trichloropropane	<1.0		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,2,4-Trimethylbenzene	**140**		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
1,3,5-Trimethylbenzene	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Vinyl chloride	<0.40		ug/L	0.40	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Xylenes, Total	**22**		ug/L	1.0	4.0	2	05/06/10 17:23	MAE	10E0117	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*									

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-14 (MW-16M - Ground Water) **Sampled: 04/28/10 16:40**

Sample Location: 00507148

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**250**		mg/L	100	130	5	05/10/10 14:53	ler	10E0229	EPA 310.2
Chloride	**27**		mg/L	1.5	5.0	1	05/11/10 12:37	ler	10E0259	SM 4500CIE
Metals Dissolved										
Arsenic	**29**		ug/L	0.61	2.0	1	05/05/10 11:06	gaf	10E0041	SW 6020A
Barium	**1400**		ug/L	12	40	20	05/05/10 11:06	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:06	gaf	10E0041	SW 6020A
Cobalt	**2.3**		ug/L	0.61	2.0	1	05/05/10 11:06	gaf	10E0041	SW 6020A
Iron	**25000**		ug/L	3000	10000	20	05/05/10 11:06	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:06	gaf	10E0041	SW 6020A
Manganese	**1400**	B	ug/L	12	40	20	05/05/10 11:06	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:38	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:06	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	**1.1**	J	ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
sec-Butylbenzene	**1.3**	J	ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
tert-Butylbenzene	**2.1**		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Chlorobenzene	**1.8**	J	ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Chloroethane	**1.8**	J	ug/L	1.0	5.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-14RE1 (MW-16M - Ground Water) - cont.							**Sampled: 04/28/10 16:40**			
Sample Location: 00507148										
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Isopropylbenzene	**7.7**		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Naphthalene	**0.30**	J	ug/L	0.25	5.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
n-Propylbenzene	**5.0**		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,2,4-Trimethylbenzene	**8.9**		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/06/10 14:43	MAE	10E0117	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*96 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*									
Sample ID: WTD0968-15 (MW-17S - Ground Water)							**Sampled: 04/28/10 17:10**			
Sample Location: 00507149										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**260**		mg/L	100	130	5	05/10/10 14:54	ler	10E0229	EPA 310.2
Chloride	**2.7**	J	mg/L	1.5	5.0	1	05/11/10 12:38	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**10**		ug/L	0.61	2.0	1	05/05/10 11:10	gaf	10E0041	SW 6020A
Barium	**270**		ug/L	12	40	20	05/05/10 11:10	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:10	gaf	10E0041	SW 6020A
Cobalt	**1.0**	J	ug/L	0.61	2.0	1	05/05/10 11:10	gaf	10E0041	SW 6020A
Iron	**34000**		ug/L	3000	10000	20	05/05/10 11:10	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:10	gaf	10E0041	SW 6020A
Manganese	**2900**	B	ug/L	12	40	20	05/05/10 11:10	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:40	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:10	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Bromobenzene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Bromochloromethane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Bromodichloromethane	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Bromoform	<2.0		ug/L	2.0	50	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Bromomethane	<5.0		ug/L	5.0	50	10	05/06/10 05:25	MAE	10E0080	SW 8260B

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-15 (MW-17S - Ground Water) - cont. **Sampled: 04/28/10 17:10**

Sample Location: 00507149

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
n-Butylbenzene	**3.7**	J	ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
sec-Butylbenzene	**23**		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
tert-Butylbenzene	**5.4**	J	ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<8.0		ug/L	8.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Chlorobenzene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Chlorodibromomethane	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Chloroethane	<10		ug/L	10	50	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Chloroform	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Chloromethane	<3.0		ug/L	3.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
2-Chlorotoluene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
4-Chlorotoluene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Dibromomethane	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<2.5		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<2.5		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Isopropyl Ether	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Ethylbenzene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Isopropylbenzene	**11**	J	ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
p-Isopropyltoluene	**7.1**	J	ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Methylene Chloride	<10		ug/L	10	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Naphthalene	**2.9**	J	ug/L	2.5	50	10	05/06/10 05:25	MAE	10E0080	SW 8260B
n-Propylbenzene	**23**		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Styrene	<5.0		ug/L	5.0	50	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<2.5		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Tetrachloroethene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Toluene	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<2.5		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<2.5		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<2.5		ug/L	2.5	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Trichloroethene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-15 (MW-17S - Ground Water) - cont.							**Sampled: 04/28/10 17:10**			
Sample Location: 00507149										
VOCs by SW8260B - cont.										
1,2,3-Trichloropropane	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	**400**		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Vinyl chloride	<2.0		ug/L	2.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Xylenes, Total	<5.0		ug/L	5.0	20	10	05/06/10 05:25	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*									
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*									
Sample ID: WTD0968-16 (MW-17M - Ground Water)							**Sampled: 04/28/10 17:45**			
Sample Location: 00507150										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**320**		mg/L	100	130	5	05/10/10 14:55	ler	10E0229	EPA 310.2
Chloride	**5.3**		mg/L	1.5	5.0	1	05/11/10 12:39	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**13**		ug/L	0.61	2.0	1	05/05/10 11:11	gaf	10E0041	SW 6020A
Barium	**1100**		ug/L	12	40	20	05/05/10 11:11	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:11	gaf	10E0041	SW 6020A
Cobalt	**0.72**	J	ug/L	0.61	2.0	1	05/05/10 11:11	gaf	10E0041	SW 6020A
Iron	**5300**		ug/L	150	500	1	05/05/10 11:11	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:11	gaf	10E0041	SW 6020A
Manganese	**2900**	B	ug/L	12	40	20	05/05/10 11:11	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:42	jej	10E0038	SW 7470A
Vanadium	**0.89**	J	ug/L	0.61	2.0	1	05/05/10 11:11	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
sec-Butylbenzene	**4.3**		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
tert-Butylbenzene	**5.5**		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-16 (MW-17M - Ground Water) - cont. **Sampled: 04/28/10 17:45**

Sample Location: 00507150

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Isopropylbenzene	**9.7**		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
n-Propylbenzene	**0.71**	J	ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,2,4-Trimethylbenzene	**22**		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/04/10 01:10	ABA	10E0030	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*108 %*									
Surr: Toluene-d8 (80-120%)	*103 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-17 (MW-17M Dup. - Ground Water) **Sampled: 04/28/10 17:45**

Sample Location: 00507150

VOCs by SW8260B

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Benzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
sec-Butylbenzene	**4.1**		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
tert-Butylbenzene	**5.3**		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Isopropylbenzene	**10**		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
n-Propylbenzene	**0.74**	J	ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B

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Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-17 (MW-17M Dup. - Ground Water) - cont.							**Sampled: 04/28/10 17:45**			
Sample Location: 00507150										
VOCs by SW8260B - cont.										
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,2,4-Trimethylbenzene	**23**		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/06/10 10:18	MAE	10E0117	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*									
Sample ID: WTD0968-18 (PZ-1 - Ground Water)							**Sampled: 04/28/10 15:25**			
Sample Location: 00507129										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**250**		mg/L	100	130	5	05/10/10 14:56	ler	10E0229	EPA 310.2
Chloride	**5.5**		mg/L	1.5	5.0	1	05/11/10 12:40	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**1.1**	J	ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Barium	**44**		ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Iron	**380**	J	ug/L	150	500	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Manganese	**39**	B	ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:44	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:12	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-18 (PZ-1 - Ground Water) - cont.							**Sampled: 04/28/10 15:25**			
Sample Location: 00507129										
VOCs by SW8260B - cont.										
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 23:13	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*97 %*									
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									

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Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-19 (PZ-2 - Ground Water)							**Sampled: 04/28/10 16:00**			
Sample Location: 00507138										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**180**		mg/L	40	50	2	05/10/10 16:06	ler	10E0229	EPA 310.2
Chloride	**7.0**		mg/L	1.5	5.0	1	05/11/10 12:41	ler	10E0259	SM 4500CIE
Metals Dissolved										
Arsenic	**2.5**		ug/L	0.61	2.0	1	05/05/10 11:14	gaf	10E0041	SW 6020A
Barium	**60**		ug/L	0.61	2.0	1	05/05/10 11:14	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:14	gaf	10E0041	SW 6020A
Cobalt	**3.8**		ug/L	0.61	2.0	1	05/05/10 11:14	gaf	10E0041	SW 6020A
Iron	**11000**		ug/L	150	500	1	05/05/10 11:14	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:14	gaf	10E0041	SW 6020A
Manganese	**1800**	B	ug/L	12	40	20	05/05/10 11:14	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:46	jej	10E0038	SW 7470A
Vanadium	**0.80**	J	ug/L	0.61	2.0	1	05/05/10 11:14	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B

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Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-19 (PZ-2 - Ground Water) - cont.							**Sampled: 04/28/10 16:00**			
Sample Location: 00507138										
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 23:39	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*									
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									
Sample ID: WTD0968-20 (PZ-3 - Ground Water)							**Sampled: 04/28/10 13:30**			
Sample Location: 00507139										
General Chemistry Parameters - Dissolved										
Alkalinity, Total (CaCO3)	**340**		mg/L	40	50	2	05/10/10 16:07	ler	10E0229	EPA 310.2
Chloride	**15**		mg/L	3.0	10	2	05/11/10 12:42	ler	10E0259	SM 4500ClE
Metals Dissolved										
Arsenic	**0.83**	J	ug/L	0.61	2.0	1	05/05/10 11:15	gaf	10E0041	SW 6020A
Barium	**140**		ug/L	0.61	2.0	1	05/05/10 11:15	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:15	gaf	10E0041	SW 6020A
Cobalt	**2.2**		ug/L	0.61	2.0	1	05/05/10 11:15	gaf	10E0041	SW 6020A
Iron	**930**		ug/L	150	500	1	05/05/10 11:15	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:15	gaf	10E0041	SW 6020A
Manganese	**4500**	B	ug/L	31	100	50	05/05/10 11:15	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:53	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:15	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-20 (PZ-3 - Ground Water) - cont. **Sampled: 04/28/10 13:30**

Sample Location: 00507139

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
sec-Butylbenzene	**2.7**		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
tert-Butylbenzene	**5.2**		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-20 (PZ-3 - Ground Water) - cont.							**Sampled: 04/28/10 13:30**			
Sample Location: 00507139										
VOCs by SW8260B - cont.										
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/06/10 00:06	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*96 %*									
Surr: Toluene-d8 (80-120%)	*97 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*									
Sample ID: WTD0968-21 (Ackerman PW - Ground Water)							**Sampled: 04/29/10 09:10**			
Sample Location: 00507115										
Metals										
Arsenic	<0.61		ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Barium	**22**		ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Iron	**4400**		ug/L	150	500	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Manganese	**110**	B	ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:55	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:22	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Bromomethane	<0.50	R2	ug/L	0.50	5.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-21 (Ackerman PW - Ground Water) - cont.							**Sampled: 04/29/10 09:10**			
Sample Location: 00507115										
VOCs by SW8260B - cont.										
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 21:53	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*97 %*									
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-22 (Pretasky Well - Ground Water)							**Sampled: 04/29/10 09:20**			
Sample Location: 00507142										
Metals										
Arsenic	**6.5**		ug/L	0.61	2.0	1	05/05/10 11:23	gaf	10E0041	SW 6020A
Barium	**120**		ug/L	0.61	2.0	1	05/05/10 11:23	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:23	gaf	10E0041	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 11:23	gaf	10E0041	SW 6020A
Iron	**510**		ug/L	150	500	1	05/05/10 11:23	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:23	gaf	10E0041	SW 6020A
Manganese	**1700**	B	ug/L	12	40	20	05/05/10 11:23	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:57	jej	10E0038	SW 7470A
Vanadium	**1.6**	J	ug/L	0.61	2.0	1	05/05/10 11:23	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-22 (Pretasky Well - Ground Water) - cont.							**Sampled: 04/29/10 09:20**			
Sample Location: 00507142										
VOCs by SW8260B - cont.										
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 22:20	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*									
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									
Sample ID: WTD0968-23 (Johnson Well - Ground Water)							**Sampled: 04/29/10 09:30**			
Sample Location: 00507112										
Metals										
Arsenic	<0.61		ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Barium	**73**		ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Cadmium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Cobalt	<0.61		ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Iron	**280**	J	ug/L	150	500	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Lead	<0.61		ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Manganese	**50**	B	ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
Mercury	<0.000065		mg/L	0.000065	0.00023	1	05/04/10 11:59	jej	10E0038	SW 7470A
Vanadium	<0.61		ug/L	0.61	2.0	1	05/05/10 11:25	gaf	10E0041	SW 6020A
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Sample ID: WTD0968-23 (Johnson Well - Ground Water) - cont. **Sampled: 04/29/10 09:30**

Sample Location: 00507112

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 22:46	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*97 %*									

TestAmerica Watertown
Brian DeJong For Dan F. Milewsky
Project Manager

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-23 (Johnson Well - Ground Water) - cont.							**Sampled: 04/29/10 09:30**			
Sample Location: 00507112										
VOCs by SW8260B - cont.										
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									
Sample ID: WTD0968-24 (Trip Blank #2 - DI)							**Sampled: 04/29/10 08:00**			
Sample Location: 00507999										
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Bromoform	<0.20		ug/L	0.20	5.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Bromomethane	<0.50		ug/L	0.50	5.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Carbon Tetrachloride	<0.80		ug/L	0.80	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Chloroethane	<1.0		ug/L	1.0	5.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Chloroform	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Chloromethane	<0.30		ug/L	0.30	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Naphthalene	<0.25		ug/L	0.25	5.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B

BT SQUARED, INC.
2830 Dairy Drive
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Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WTD0968-24 (Trip Blank #2 - DI) - cont.							**Sampled: 04/29/10 08:00**			
Sample Location: 00507999										
VOCs by SW8260B - cont.										
n-Propylbenzene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Styrene	<0.50		ug/L	0.50	5.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Toluene	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	2.0	1	05/05/10 21:27	MAE	10E0080	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*96 %*									
Surr: Toluene-d8 (80-120%)	*98 %*									
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*									

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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
General Chemistry Parameters - Dissolved														
Alkalinity, Total (CaCO3)	10E0229			mg/L	20	25	<20							
Chloride	10E0258			mg/L	1.5	5.0	<1.5							
Chloride	10E0259			mg/L	1.5	5.0	<1.5							
Metals														
Mercury	10E0038			mg/L	0.000065	0.00023	<0.000065							
Arsenic	10E0041			ug/L	0.61	2.0	<0.61							
Barium	10E0041			ug/L	0.61	2.0	<0.61							
Cadmium	10E0041			ug/L	0.61	2.0	<0.61							
Cobalt	10E0041			ug/L	0.61	2.0	<0.61							
Iron	10E0041			ug/L	150	500	<150							
Lead	10E0041			ug/L	0.61	2.0	<0.61							
Manganese	10E0041			ug/L	0.61	2.0	1.09							J
Vanadium	10E0041			ug/L	0.61	2.0	<0.61							
Metals Dissolved														
Mercury	10E0038			mg/L	0.000065	0.00023	<0.000065							
Arsenic	10E0039			ug/L	0.61	2.0	<0.61							
Barium	10E0039			ug/L	0.61	2.0	<0.61							
Cadmium	10E0039			ug/L	0.61	2.0	<0.61							
Cobalt	10E0039			ug/L	0.61	2.0	<0.61							
Iron	10E0039			ug/L	150	500	<150							
Lead	10E0039			ug/L	0.61	2.0	<0.61							
Manganese	10E0039			ug/L	0.61	2.0	<0.61							
Vanadium	10E0039			ug/L	0.61	2.0	<0.61							
Arsenic	10E0041			ug/L	0.61	2.0	<0.61							
Barium	10E0041			ug/L	0.61	2.0	<0.61							
Cadmium	10E0041			ug/L	0.61	2.0	<0.61							
Cobalt	10E0041			ug/L	0.61	2.0	<0.61							
Iron	10E0041			ug/L	150	500	<150							
Lead	10E0041			ug/L	0.61	2.0	<0.61							
Manganese	10E0041			ug/L	0.61	2.0	1.09							J
Vanadium	10E0041			ug/L	0.61	2.0	<0.61							
VOCs by SW8260B														
Benzene	10E0030			ug/L	0.20	2.0	<0.20							
Bromobenzene	10E0030			ug/L	0.20	2.0	<0.20							
Bromochloromethane	10E0030			ug/L	0.50	2.0	<0.50							
Bromodichloromethane	10E0030			ug/L	0.20	2.0	<0.20							
Bromoform	10E0030			ug/L	0.20	5.0	<0.20							
Bromomethane	10E0030			ug/L	0.50	5.0	<0.50							
n-Butylbenzene	10E0030			ug/L	0.20	2.0	<0.20							
sec-Butylbenzene	10E0030			ug/L	0.25	2.0	<0.25							
tert-Butylbenzene	10E0030			ug/L	0.20	2.0	<0.20							
Carbon Tetrachloride	10E0030			ug/L	0.80	2.0	<0.80							
Chlorobenzene	10E0030			ug/L	0.20	2.0	<0.20							
Chlorodibromomethane	10E0030			ug/L	0.20	2.0	<0.20							

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Reported: 05/12/10 07:28

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
VOCs by SW8260B														
Chloroethane	10E0030			ug/L	1.0	5.0	<1.0							
Chloroform	10E0030			ug/L	0.20	2.0	<0.20							
Chloromethane	10E0030			ug/L	0.30	2.0	<0.30							
2-Chlorotoluene	10E0030			ug/L	0.50	2.0	<0.50							
4-Chlorotoluene	10E0030			ug/L	0.20	2.0	<0.20							
1,2-Dibromo-3-chloropropane	10E0030			ug/L	0.50	2.0	<0.50							
1,2-Dibromoethane (EDB)	10E0030			ug/L	0.20	2.0	<0.20							
Dibromomethane	10E0030			ug/L	0.20	2.0	<0.20							
1,2-Dichlorobenzene	10E0030			ug/L	0.20	2.0	<0.20							
1,3-Dichlorobenzene	10E0030			ug/L	0.20	2.0	<0.20							
1,4-Dichlorobenzene	10E0030			ug/L	0.50	2.0	<0.50							
Dichlorodifluoromethane	10E0030			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethane	10E0030			ug/L	0.50	2.0	<0.50							
1,2-Dichloroethane	10E0030			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethene	10E0030			ug/L	0.50	2.0	<0.50							
cis-1,2-Dichloroethene	10E0030			ug/L	0.50	2.0	<0.50							
trans-1,2-Dichloroethene	10E0030			ug/L	0.50	2.0	<0.50							
1,2-Dichloropropane	10E0030			ug/L	0.50	2.0	<0.50							
1,3-Dichloropropane	10E0030			ug/L	0.25	2.0	<0.25							
2,2-Dichloropropane	10E0030			ug/L	0.50	2.0	<0.50							
1,1-Dichloropropene	10E0030			ug/L	0.50	2.0	<0.50							
cis-1,3-Dichloropropene	10E0030			ug/L	0.20	2.0	<0.20							
trans-1,3-Dichloropropene	10E0030			ug/L	0.20	2.0	<0.20							
2,3-Dichloropropene	10E0030			ug/L	0.25	2.0	<0.25							
Isopropyl Ether	10E0030			ug/L	0.50	2.0	<0.50							
Ethylbenzene	10E0030			ug/L	0.50	2.0	<0.50							
Hexachlorobutadiene	10E0030			ug/L	0.50	2.0	<0.50							
Isopropylbenzene	10E0030			ug/L	0.20	2.0	<0.20							
p-Isopropyltoluene	10E0030			ug/L	0.20	2.0	<0.20							
Methylene Chloride	10E0030			ug/L	1.0	2.0	<1.0							
Methyl tert-Butyl Ether	10E0030			ug/L	0.50	2.0	<0.50							
Naphthalene	10E0030			ug/L	0.25	5.0	<0.25							
n-Propylbenzene	10E0030			ug/L	0.50	2.0	<0.50							
Styrene	10E0030			ug/L	0.50	5.0	<0.50							
1,1,1,2-Tetrachloroethane	10E0030			ug/L	0.25	2.0	<0.25							
1,1,2,2-Tetrachloroethane	10E0030			ug/L	0.20	2.0	<0.20							
Tetrachloroethene	10E0030			ug/L	0.50	2.0	<0.50							
Toluene	10E0030			ug/L	0.50	2.0	<0.50							
1,2,3-Trichlorobenzene	10E0030			ug/L	0.25	2.0	<0.25							
1,2,4-Trichlorobenzene	10E0030			ug/L	0.25	2.0	<0.25							
1,1,1-Trichloroethane	10E0030			ug/L	0.50	2.0	<0.50							
1,1,2-Trichloroethane	10E0030			ug/L	0.25	2.0	<0.25							
Trichloroethene	10E0030			ug/L	0.20	2.0	<0.20							
Trichlorofluoromethane	10E0030			ug/L	0.50	2.0	<0.50							
1,2,3-Trichloropropane	10E0030			ug/L	0.50	2.0	<0.50							

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Reported: 05/12/10 07:28

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
VOCs by SW8260B														
1,2,4-Trimethylbenzene	10E0030			ug/L	0.20	2.0	<0.20							
1,3,5-Trimethylbenzene	10E0030			ug/L	0.20	2.0	<0.20							
Vinyl chloride	10E0030			ug/L	0.20	2.0	<0.20							
Xylenes, Total	10E0030			ug/L	0.50	2.0	<0.50							
Surrogate: Dibromofluoromethane	*10E0030*			ug/L					*107*		*80-120*			
Surrogate: Toluene-d8	*10E0030*			ug/L					*104*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0030*			ug/L					*97*		*80-120*			
Benzene	10E0079			ug/L	0.20	2.0	<0.20							
Bromobenzene	10E0079			ug/L	0.20	2.0	<0.20							
Bromochloromethane	10E0079			ug/L	0.50	2.0	<0.50							
Bromodichloromethane	10E0079			ug/L	0.20	2.0	<0.20							
Bromoform	10E0079			ug/L	0.20	5.0	<0.20							
Bromomethane	10E0079			ug/L	0.50	5.0	<0.50							
n-Butylbenzene	10E0079			ug/L	0.20	2.0	<0.20							
sec-Butylbenzene	10E0079			ug/L	0.25	2.0	<0.25							
tert-Butylbenzene	10E0079			ug/L	0.20	2.0	<0.20							
Carbon Tetrachloride	10E0079			ug/L	0.80	2.0	<0.80							
Chlorobenzene	10E0079			ug/L	0.20	2.0	<0.20							
Chlorodibromomethane	10E0079			ug/L	0.20	2.0	<0.20							
Chloroethane	10E0079			ug/L	1.0	5.0	<1.0							
Chloroform	10E0079			ug/L	0.20	2.0	<0.20							
Chloromethane	10E0079			ug/L	0.30	2.0	<0.30							
2-Chlorotoluene	10E0079			ug/L	0.50	2.0	<0.50							
4-Chlorotoluene	10E0079			ug/L	0.20	2.0	<0.20							
1,2-Dibromo-3-chloropropane	10E0079			ug/L	0.50	2.0	<0.50							
1,2-Dibromoethane (EDB)	10E0079			ug/L	0.20	2.0	<0.20							
Dibromomethane	10E0079			ug/L	0.20	2.0	<0.20							
1,2-Dichlorobenzene	10E0079			ug/L	0.20	2.0	<0.20							
1,3-Dichlorobenzene	10E0079			ug/L	0.20	2.0	<0.20							
1,4-Dichlorobenzene	10E0079			ug/L	0.50	2.0	<0.50							
Dichlorodifluoromethane	10E0079			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethane	10E0079			ug/L	0.50	2.0	<0.50							
1,2-Dichloroethane	10E0079			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethene	10E0079			ug/L	0.50	2.0	<0.50							
cis-1,2-Dichloroethene	10E0079			ug/L	0.50	2.0	<0.50							
trans-1,2-Dichloroethene	10E0079			ug/L	0.50	2.0	<0.50							
1,2-Dichloropropane	10E0079			ug/L	0.50	2.0	<0.50							
1,3-Dichloropropane	10E0079			ug/L	0.25	2.0	<0.25							
2,2-Dichloropropane	10E0079			ug/L	0.50	2.0	<0.50							
1,1-Dichloropropene	10E0079			ug/L	0.50	2.0	<0.50							
cis-1,3-Dichloropropene	10E0079			ug/L	0.20	2.0	<0.20							
trans-1,3-Dichloropropene	10E0079			ug/L	0.20	2.0	<0.20							
2,3-Dichloropropene	10E0079			ug/L	0.25	2.0	<0.25							
Isopropyl Ether	10E0079			ug/L	0.50	2.0	<0.50							

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

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
VOCs by SW8260B														
Ethylbenzene	10E0079			ug/L	0.50	2.0	<0.50							
Hexachlorobutadiene	10E0079			ug/L	0.50	2.0	<0.50							
Isopropylbenzene	10E0079			ug/L	0.20	2.0	<0.20							
p-Isopropyltoluene	10E0079			ug/L	0.20	2.0	<0.20							
Methylene Chloride	10E0079			ug/L	1.0	2.0	<1.0							
Methyl tert-Butyl Ether	10E0079			ug/L	0.50	2.0	<0.50							
Naphthalene	10E0079			ug/L	0.25	5.0	<0.25							
n-Propylbenzene	10E0079			ug/L	0.50	2.0	<0.50							
Styrene	10E0079			ug/L	0.50	5.0	<0.50							
1,1,1,2-Tetrachloroethane	10E0079			ug/L	0.25	2.0	<0.25							
1,1,2,2-Tetrachloroethane	10E0079			ug/L	0.20	2.0	<0.20							
Tetrachloroethene	10E0079			ug/L	0.50	2.0	<0.50							
Toluene	10E0079			ug/L	0.50	2.0	<0.50							
1,2,3-Trichlorobenzene	10E0079			ug/L	0.25	2.0	<0.25							
1,2,4-Trichlorobenzene	10E0079			ug/L	0.25	2.0	<0.25							
1,1,1-Trichloroethane	10E0079			ug/L	0.50	2.0	<0.50							
1,1,2-Trichloroethane	10E0079			ug/L	0.25	2.0	<0.25							
Trichloroethene	10E0079			ug/L	0.20	2.0	<0.20							
Trichlorofluoromethane	10E0079			ug/L	0.50	2.0	<0.50							
1,2,3-Trichloropropane	10E0079			ug/L	0.50	2.0	<0.50							
1,2,4-Trimethylbenzene	10E0079			ug/L	0.20	2.0	<0.20							
1,3,5-Trimethylbenzene	10E0079			ug/L	0.20	2.0	<0.20							
Vinyl chloride	10E0079			ug/L	0.20	2.0	<0.20							
Xylenes, Total	10E0079			ug/L	0.50	2.0	<0.50							
Surrogate: Dibromofluoromethane	*10E0079*			ug/L					*97*		*80-120*			
Surrogate: Toluene-d8	*10E0079*			ug/L					*98*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0079*			ug/L					*99*		*80-120*			
Benzene	10E0080			ug/L	0.20	2.0	<0.20							
Bromobenzene	10E0080			ug/L	0.20	2.0	<0.20							
Bromochloromethane	10E0080			ug/L	0.50	2.0	<0.50							
Bromodichloromethane	10E0080			ug/L	0.20	2.0	<0.20							
Bromoform	10E0080			ug/L	0.20	5.0	<0.20							
Bromomethane	10E0080			ug/L	0.50	5.0	<0.50							
n-Butylbenzene	10E0080			ug/L	0.20	2.0	<0.20							
sec-Butylbenzene	10E0080			ug/L	0.25	2.0	<0.25							
tert-Butylbenzene	10E0080			ug/L	0.20	2.0	<0.20							
Carbon Tetrachloride	10E0080			ug/L	0.80	2.0	<0.80							
Chlorobenzene	10E0080			ug/L	0.20	2.0	<0.20							
Chlorodibromomethane	10E0080			ug/L	0.20	2.0	<0.20							
Chloroethane	10E0080			ug/L	1.0	5.0	<1.0							
Chloroform	10E0080			ug/L	0.20	2.0	<0.20							
Chloromethane	10E0080			ug/L	0.30	2.0	<0.30							
2-Chlorotoluene	10E0080			ug/L	0.50	2.0	<0.50							
4-Chlorotoluene	10E0080			ug/L	0.20	2.0	<0.20							

BT SQUARED, INC.
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Reported: 05/12/10 07:28

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
VOCs by SW8260B														
1,2-Dibromo-3-chloropropane	10E0080			ug/L	0.50	2.0	<0.50							
1,2-Dibromoethane (EDB)	10E0080			ug/L	0.20	2.0	<0.20							
Dibromomethane	10E0080			ug/L	0.20	2.0	<0.20							
1,2-Dichlorobenzene	10E0080			ug/L	0.20	2.0	<0.20							
1,3-Dichlorobenzene	10E0080			ug/L	0.20	2.0	<0.20							
1,4-Dichlorobenzene	10E0080			ug/L	0.50	2.0	<0.50							
Dichlorodifluoromethane	10E0080			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethane	10E0080			ug/L	0.50	2.0	<0.50							
1,2-Dichloroethane	10E0080			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethene	10E0080			ug/L	0.50	2.0	<0.50							
cis-1,2-Dichloroethene	10E0080			ug/L	0.50	2.0	<0.50							
trans-1,2-Dichloroethene	10E0080			ug/L	0.50	2.0	<0.50							
1,2-Dichloropropane	10E0080			ug/L	0.50	2.0	<0.50							
1,3-Dichloropropane	10E0080			ug/L	0.25	2.0	<0.25							
2,2-Dichloropropane	10E0080			ug/L	0.50	2.0	<0.50							
1,1-Dichloropropene	10E0080			ug/L	0.50	2.0	<0.50							
cis-1,3-Dichloropropene	10E0080			ug/L	0.20	2.0	<0.20							
trans-1,3-Dichloropropene	10E0080			ug/L	0.20	2.0	<0.20							
2,3-Dichloropropene	10E0080			ug/L	0.25	2.0	<0.25							
Isopropyl Ether	10E0080			ug/L	0.50	2.0	<0.50							
Ethylbenzene	10E0080			ug/L	0.50	2.0	<0.50							
Hexachlorobutadiene	10E0080			ug/L	0.50	2.0	<0.50							
Isopropylbenzene	10E0080			ug/L	0.20	2.0	<0.20							
p-Isopropyltoluene	10E0080			ug/L	0.20	2.0	<0.20							
Methylene Chloride	10E0080			ug/L	1.0	2.0	<1.0							
Methyl tert-Butyl Ether	10E0080			ug/L	0.50	2.0	<0.50							
Naphthalene	10E0080			ug/L	0.25	5.0	<0.25							
n-Propylbenzene	10E0080			ug/L	0.50	2.0	<0.50							
Styrene	10E0080			ug/L	0.50	5.0	<0.50							
1,1,1,2-Tetrachloroethane	10E0080			ug/L	0.25	2.0	<0.25							
1,1,2,2-Tetrachloroethane	10E0080			ug/L	0.20	2.0	<0.20							
Tetrachloroethene	10E0080			ug/L	0.50	2.0	<0.50							
Toluene	10E0080			ug/L	0.50	2.0	<0.50							
1,2,3-Trichlorobenzene	10E0080			ug/L	0.25	2.0	<0.25							
1,2,4-Trichlorobenzene	10E0080			ug/L	0.25	2.0	<0.25							
1,1,1-Trichloroethane	10E0080			ug/L	0.50	2.0	<0.50							
1,1,2-Trichloroethane	10E0080			ug/L	0.25	2.0	<0.25							
Trichloroethene	10E0080			ug/L	0.20	2.0	<0.20							
Trichlorofluoromethane	10E0080			ug/L	0.50	2.0	<0.50							
1,2,3-Trichloropropane	10E0080			ug/L	0.50	2.0	<0.50							
1,2,4-Trimethylbenzene	10E0080			ug/L	0.20	2.0	<0.20							
1,3,5-Trimethylbenzene	10E0080			ug/L	0.20	2.0	<0.20							
Vinyl chloride	10E0080			ug/L	0.20	2.0	<0.20							
Xylenes, Total	10E0080			ug/L	0.50	2.0	<0.50							
Surrogate: Dibromofluoromethane	*10E0080*			ug/L					*97*		*80-120*			

BT SQUARED, INC.
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Reported: 05/12/10 07:28

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
VOCs by SW8260B														
Surrogate: Toluene-d8	*10E0080*			ug/L					*98*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0080*			ug/L					*99*		*80-120*			
Benzene	10E0117			ug/L	0.20	2.0	<0.20							
Bromobenzene	10E0117			ug/L	0.20	2.0	<0.20							
Bromochloromethane	10E0117			ug/L	0.50	2.0	<0.50							
Bromodichloromethane	10E0117			ug/L	0.20	2.0	<0.20							
Bromoform	10E0117			ug/L	0.20	5.0	<0.20							
Bromomethane	10E0117			ug/L	0.50	5.0	<0.50							
n-Butylbenzene	10E0117			ug/L	0.20	2.0	<0.20							
sec-Butylbenzene	10E0117			ug/L	0.25	2.0	<0.25							
tert-Butylbenzene	10E0117			ug/L	0.20	2.0	<0.20							
Carbon Tetrachloride	10E0117			ug/L	0.80	2.0	<0.80							
Chlorobenzene	10E0117			ug/L	0.20	2.0	<0.20							
Chlorodibromomethane	10E0117			ug/L	0.20	2.0	<0.20							
Chloroethane	10E0117			ug/L	1.0	5.0	<1.0							
Chloroform	10E0117			ug/L	0.20	2.0	<0.20							
Chloromethane	10E0117			ug/L	0.30	2.0	<0.30							
2-Chlorotoluene	10E0117			ug/L	0.50	2.0	<0.50							
4-Chlorotoluene	10E0117			ug/L	0.20	2.0	<0.20							
1,2-Dibromo-3-chloropropane	10E0117			ug/L	0.50	2.0	<0.50							
1,2-Dibromoethane (EDB)	10E0117			ug/L	0.20	2.0	<0.20							
Dibromomethane	10E0117			ug/L	0.20	2.0	<0.20							
1,2-Dichlorobenzene	10E0117			ug/L	0.20	2.0	<0.20							
1,3-Dichlorobenzene	10E0117			ug/L	0.20	2.0	<0.20							
1,4-Dichlorobenzene	10E0117			ug/L	0.50	2.0	<0.50							
Dichlorodifluoromethane	10E0117			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethane	10E0117			ug/L	0.50	2.0	<0.50							
1,2-Dichloroethane	10E0117			ug/L	0.50	2.0	<0.50							
1,1-Dichloroethene	10E0117			ug/L	0.50	2.0	<0.50							
cis-1,2-Dichloroethene	10E0117			ug/L	0.50	2.0	<0.50							
trans-1,2-Dichloroethene	10E0117			ug/L	0.50	2.0	<0.50							
1,2-Dichloropropane	10E0117			ug/L	0.50	2.0	<0.50							
1,3-Dichloropropane	10E0117			ug/L	0.25	2.0	<0.25							
2,2-Dichloropropane	10E0117			ug/L	0.50	2.0	<0.50							
1,1-Dichloropropene	10E0117			ug/L	0.50	2.0	<0.50							
cis-1,3-Dichloropropene	10E0117			ug/L	0.20	2.0	<0.20							
trans-1,3-Dichloropropene	10E0117			ug/L	0.20	2.0	<0.20							
2,3-Dichloropropene	10E0117			ug/L	0.25	2.0	<0.25							
Isopropyl Ether	10E0117			ug/L	0.50	2.0	<0.50							
Ethylbenzene	10E0117			ug/L	0.50	2.0	<0.50							
Hexachlorobutadiene	10E0117			ug/L	0.50	2.0	<0.50							
Isopropylbenzene	10E0117			ug/L	0.20	2.0	<0.20							
p-Isopropyltoluene	10E0117			ug/L	0.20	2.0	<0.20							
Methylene Chloride	10E0117			ug/L	1.0	2.0	<1.0							

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Reported: 05/12/10 07:28

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
VOCs by SW8260B														
Methyl tert-Butyl Ether	10E0117			ug/L	0.50	2.0	<0.50							
Naphthalene	10E0117			ug/L	0.25	5.0	<0.25							
n-Propylbenzene	10E0117			ug/L	0.50	2.0	<0.50							
Styrene	10E0117			ug/L	0.50	5.0	<0.50							
1,1,1,2-Tetrachloroethane	10E0117			ug/L	0.25	2.0	<0.25							
1,1,2,2-Tetrachloroethane	10E0117			ug/L	0.20	2.0	<0.20							
Tetrachloroethene	10E0117			ug/L	0.50	2.0	<0.50							
Toluene	10E0117			ug/L	0.50	2.0	<0.50							
1,2,3-Trichlorobenzene	10E0117			ug/L	0.25	2.0	<0.25							
1,2,4-Trichlorobenzene	10E0117			ug/L	0.25	2.0	<0.25							
1,1,1-Trichloroethane	10E0117			ug/L	0.50	2.0	<0.50							
1,1,2-Trichloroethane	10E0117			ug/L	0.25	2.0	<0.25							
Trichloroethene	10E0117			ug/L	0.20	2.0	<0.20							
Trichlorofluoromethane	10E0117			ug/L	0.50	2.0	<0.50							
1,2,3-Trichloropropane	10E0117			ug/L	0.50	2.0	<0.50							
1,2,4-Trimethylbenzene	10E0117			ug/L	0.20	2.0	<0.20							
1,3,5-Trimethylbenzene	10E0117			ug/L	0.20	2.0	<0.20							
Vinyl chloride	10E0117			ug/L	0.20	2.0	<0.20							
Xylenes, Total	10E0117			ug/L	0.50	2.0	<0.50							
Surrogate: Dibromofluoromethane	*10E0117*			ug/L					*96*		*80-120*			
Surrogate: Toluene-d8	*10E0117*			ug/L					*97*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0117*			ug/L					*99*		*80-120*			

BT SQUARED, INC.
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Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

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Reported: 05/12/10 07:28

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Benzene	T000901		50	ug/L	N/A	N/A	44.1		88		80-120			
Bromobenzene	T000901		50	ug/L	N/A	N/A	45.7		91		80-120			
Bromochloromethane	T000901		50	ug/L	N/A	N/A	44.0		88		80-120			
Bromodichloromethane	T000901		50	ug/L	N/A	N/A	46.4		93		80-120			
Bromoform	T000901		50	ug/L	N/A	N/A	52.1		104		80-120			
Bromomethane	T000901		50	ug/L	N/A	N/A	34.1		68		60-140			
n-Butylbenzene	T000901		50	ug/L	N/A	N/A	48.3		97		80-120			
sec-Butylbenzene	T000901		50	ug/L	N/A	N/A	46.9		94		80-120			
tert-Butylbenzene	T000901		50	ug/L	N/A	N/A	46.4		93		80-120			
Carbon Tetrachloride	T000901		50	ug/L	N/A	N/A	44.5		89		60-140			
Chlorobenzene	T000901		50	ug/L	N/A	N/A	45.9		92		80-120			
Chlorodibromomethane	T000901		50	ug/L	N/A	N/A	48.0		96		80-120			
Chloroethane	T000901		50	ug/L	N/A	N/A	43.5		87		60-140			
Chloroform	T000901		50	ug/L	N/A	N/A	44.4		89		80-120			
Chloromethane	T000901		50	ug/L	N/A	N/A	33.3		67		60-140			
2-Chlorotoluene	T000901		50	ug/L	N/A	N/A	46.2		92		80-120			
4-Chlorotoluene	T000901		50	ug/L	N/A	N/A	46.2		92		80-120			
1,2-Dibromo-3-chloropropane	T000901		50	ug/L	N/A	N/A	41.5		83		60-140			
1,2-Dibromoethane (EDB)	T000901		50	ug/L	N/A	N/A	45.0		90		80-120			
Dibromomethane	T000901		50	ug/L	N/A	N/A	43.4		87		80-120			
1,2-Dichlorobenzene	T000901		50	ug/L	N/A	N/A	46.7		93		80-120			
1,3-Dichlorobenzene	T000901		50	ug/L	N/A	N/A	48.3		97		80-120			
1,4-Dichlorobenzene	T000901		50	ug/L	N/A	N/A	47.9		96		80-120			
Dichlorodifluoromethane	T000901		50	ug/L	N/A	N/A	40.9		82		60-140			
1,1-Dichloroethane	T000901		50	ug/L	N/A	N/A	44.4		89		80-120			
1,2-Dichloroethane	T000901		50	ug/L	N/A	N/A	44.1		88		80-120			
1,1-Dichloroethene	T000901		50	ug/L	N/A	N/A	43.4		87		80-120			
cis-1,2-Dichloroethene	T000901		50	ug/L	N/A	N/A	44.3		89		80-120			
trans-1,2-Dichloroethene	T000901		50	ug/L	N/A	N/A	44.3		89		80-120			
1,2-Dichloropropane	T000901		50	ug/L	N/A	N/A	44.1		88		80-120			
1,3-Dichloropropane	T000901		50	ug/L	N/A	N/A	43.0		86		80-120			
2,2-Dichloropropane	T000901		50	ug/L	N/A	N/A	47.4		95		60-140			
1,1-Dichloropropene	T000901		50	ug/L	N/A	N/A	44.1		88		80-120			
cis-1,3-Dichloropropene	T000901		50	ug/L	N/A	N/A	45.7		91		80-120			
trans-1,3-Dichloropropene	T000901		50	ug/L	N/A	N/A	45.9		92		80-120			
2,3-Dichloropropene	T000901		50	ug/L	N/A	N/A	44.7		89		80-120			
Isopropyl Ether	T000901		50	ug/L	N/A	N/A	44.4		89		80-120			
Ethylbenzene	T000901		50	ug/L	N/A	N/A	46.6		93		80-120			
Hexachlorobutadiene	T000901		50	ug/L	N/A	N/A	54.4		109		60-140			
Isopropylbenzene	T000901		50	ug/L	N/A	N/A	46.2		92		80-120			
p-Isopropyltoluene	T000901		50	ug/L	N/A	N/A	46.0		92		80-120			
Methylene Chloride	T000901		50	ug/L	N/A	N/A	43.4		87		80-120			
Methyl tert-Butyl Ether	T000901		50	ug/L	N/A	N/A	44.2		88		80-120			
Naphthalene	T000901		50	ug/L	N/A	N/A	41.3		83		60-140			
n-Propylbenzene	T000901		50	ug/L	N/A	N/A	46.7		93		80-120			

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Styrene	T000901		50	ug/L	N/A	N/A	48.7		97		80-120			
1,1,1,2-Tetrachloroethane	T000901		50	ug/L	N/A	N/A	48.2		96		80-120			
1,1,2,2-Tetrachloroethane	T000901		50	ug/L	N/A	N/A	44.4		89		80-120			
Tetrachloroethene	T000901		50	ug/L	N/A	N/A	46.1		92		80-120			
Toluene	T000901		50	ug/L	N/A	N/A	45.8		92		80-120			
1,2,3-Trichlorobenzene	T000901		50	ug/L	N/A	N/A	40.9		82		80-120			
1,2,4-Trichlorobenzene	T000901		50	ug/L	N/A	N/A	43.8		88		80-120			
1,1,1-Trichloroethane	T000901		50	ug/L	N/A	N/A	44.7		89		80-120			
1,1,2-Trichloroethane	T000901		50	ug/L	N/A	N/A	43.3		87		80-120			
Trichloroethene	T000901		50	ug/L	N/A	N/A	44.4		89		80-120			
Trichlorofluoromethane	T000901		50	ug/L	N/A	N/A	45.3		91		80-120			
1,2,3-Trichloropropane	T000901		50	ug/L	N/A	N/A	41.0		82		80-120			
1,2,4-Trimethylbenzene	T000901		50	ug/L	N/A	N/A	46.4		93		80-120			
1,3,5-Trimethylbenzene	T000901		50	ug/L	N/A	N/A	46.2		92		80-120			
Vinyl chloride	T000901		50	ug/L	N/A	N/A	44.3		89		80-120			
Xylenes, Total	T000901		150	ug/L	N/A	N/A	140		93		80-120			
Surrogate: Dibromofluoromethane	*T000901*			ug/L					*103*		*80-120*			
Surrogate: Toluene-d8	*T000901*			ug/L					*104*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*T000901*			ug/L					*97*		*80-120*			
Benzene	T000917		50	ug/L	N/A	N/A	47.3		95		80-120			
Bromobenzene	T000917		50	ug/L	N/A	N/A	49.8		100		80-120			
Bromochloromethane	T000917		50	ug/L	N/A	N/A	49.1		98		80-120			
Bromodichloromethane	T000917		50	ug/L	N/A	N/A	48.9		98		80-120			
Bromoform	T000917		50	ug/L	N/A	N/A	52.5		105		80-120			
Bromomethane	T000917		50	ug/L	N/A	N/A	45.1		90		60-140			
n-Butylbenzene	T000917		50	ug/L	N/A	N/A	50.2		100		80-120			
sec-Butylbenzene	T000917		50	ug/L	N/A	N/A	49.9		100		80-120			
tert-Butylbenzene	T000917		50	ug/L	N/A	N/A	50.3		101		80-120			
Carbon Tetrachloride	T000917		50	ug/L	N/A	N/A	48.0		96		60-140			
Chlorobenzene	T000917		50	ug/L	N/A	N/A	49.2		98		80-120			
Chlorodibromomethane	T000917		50	ug/L	N/A	N/A	51.4		103		80-120			
Chloroethane	T000917		50	ug/L	N/A	N/A	47.0		94		60-140			
Chloroform	T000917		50	ug/L	N/A	N/A	46.9		94		80-120			
Chloromethane	T000917		50	ug/L	N/A	N/A	44.3		89		60-140			
2-Chlorotoluene	T000917		50	ug/L	N/A	N/A	49.7		99		80-120			
4-Chlorotoluene	T000917		50	ug/L	N/A	N/A	48.3		97		80-120			
1,2-Dibromo-3-chloropropane	T000917		50	ug/L	N/A	N/A	52.5		105		60-140			
1,2-Dibromoethane (EDB)	T000917		50	ug/L	N/A	N/A	50.1		100		80-120			
Dibromomethane	T000917		50	ug/L	N/A	N/A	50.7		101		80-120			
1,2-Dichlorobenzene	T000917		50	ug/L	N/A	N/A	48.9		98		80-120			
1,3-Dichlorobenzene	T000917		50	ug/L	N/A	N/A	49.6		99		80-120			
1,4-Dichlorobenzene	T000917		50	ug/L	N/A	N/A	49.1		98		80-120			
Dichlorodifluoromethane	T000917		50	ug/L	N/A	N/A	49.9		100		60-140			
1,1-Dichloroethane	T000917		50	ug/L	N/A	N/A	46.9		94		80-120			

BT SQUARED, INC.
2830 Dairy Drive
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Reported: 05/12/10 07:28

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,2-Dichloroethane	T000917		50	ug/L	N/A	N/A	47.1		94		80-120			
1,1-Dichloroethene	T000917		50	ug/L	N/A	N/A	48.6		97		80-120			
cis-1,2-Dichloroethene	T000917		50	ug/L	N/A	N/A	48.8		98		80-120			
trans-1,2-Dichloroethene	T000917		50	ug/L	N/A	N/A	49.6		99		80-120			
1,2-Dichloropropane	T000917		50	ug/L	N/A	N/A	46.5		93		80-120			
1,3-Dichloropropane	T000917		50	ug/L	N/A	N/A	48.0		96		80-120			
2,2-Dichloropropane	T000917		50	ug/L	N/A	N/A	51.2		102		60-140			
1,1-Dichloropropene	T000917		50	ug/L	N/A	N/A	49.8		100		80-120			
cis-1,3-Dichloropropene	T000917		50	ug/L	N/A	N/A	50.2		100		80-120			
trans-1,3-Dichloropropene	T000917		50	ug/L	N/A	N/A	50.7		101		80-120			
2,3-Dichloropropene	T000917		50	ug/L	N/A	N/A	49.1		98		80-120			
Isopropyl Ether	T000917		50	ug/L	N/A	N/A	45.0		90		80-120			
Ethylbenzene	T000917		50	ug/L	N/A	N/A	50.0		100		80-120			
Hexachlorobutadiene	T000917		50	ug/L	N/A	N/A	51.2		102		60-140			
Isopropylbenzene	T000917		50	ug/L	N/A	N/A	50.2		100		80-120			
p-Isopropyltoluene	T000917		50	ug/L	N/A	N/A	50.6		101		80-120			
Methylene Chloride	T000917		50	ug/L	N/A	N/A	47.1		94		80-120			
Methyl tert-Butyl Ether	T000917		50	ug/L	N/A	N/A	47.5		95		80-120			
Naphthalene	T000917		50	ug/L	N/A	N/A	49.2		98		60-140			
n-Propylbenzene	T000917		50	ug/L	N/A	N/A	50.4		101		80-120			
Styrene	T000917		50	ug/L	N/A	N/A	49.3		99		80-120			
1,1,1,2-Tetrachloroethane	T000917		50	ug/L	N/A	N/A	50.8		102		80-120			
1,1,2,2-Tetrachloroethane	T000917		50	ug/L	N/A	N/A	47.7		95		80-120			
Tetrachloroethene	T000917		50	ug/L	N/A	N/A	52.5		105		80-120			
Toluene	T000917		50	ug/L	N/A	N/A	49.1		98		80-120			
1,2,3-Trichlorobenzene	T000917		50	ug/L	N/A	N/A	50.0		100		80-120			
1,2,4-Trichlorobenzene	T000917		50	ug/L	N/A	N/A	51.7		103		80-120			
1,1,1-Trichloroethane	T000917		50	ug/L	N/A	N/A	49.9		100		80-120			
1,1,2-Trichloroethane	T000917		50	ug/L	N/A	N/A	49.0		98		80-120			
Trichloroethene	T000917		50	ug/L	N/A	N/A	51.2		102		80-120			
Trichlorofluoromethane	T000917		50	ug/L	N/A	N/A	51.6		103		80-120			
1,2,3-Trichloropropane	T000917		50	ug/L	N/A	N/A	48.6		97		80-120			
1,2,4-Trimethylbenzene	T000917		50	ug/L	N/A	N/A	49.8		100		80-120			
1,3,5-Trimethylbenzene	T000917		50	ug/L	N/A	N/A	50.4		101		80-120			
Vinyl chloride	T000917		50	ug/L	N/A	N/A	46.9		94		80-120			
Xylenes, Total	T000917		150	ug/L	N/A	N/A	149		99		80-120			
Surrogate: Dibromofluoromethane	*T000917*			ug/L					*98*		*80-120*			
Surrogate: Toluene-d8	*T000917*			ug/L					*99*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*T000917*			ug/L					*99*		*80-120*			

BT SQUARED, INC.
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Reported: 05/12/10 07:28

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Benzene	T000918		50	ug/L	N/A	N/A	46.6		93		80-120			
Bromobenzene	T000918		50	ug/L	N/A	N/A	51.0		102		80-120			
Bromochloromethane	T000918		50	ug/L	N/A	N/A	49.3		99		80-120			
Bromodichloromethane	T000918		50	ug/L	N/A	N/A	49.2		98		80-120			
Bromoform	T000918		50	ug/L	N/A	N/A	53.4		107		80-120			
Bromomethane	T000918		50	ug/L	N/A	N/A	41.6		83		60-140			
n-Butylbenzene	T000918		50	ug/L	N/A	N/A	50.4		101		80-120			
sec-Butylbenzene	T000918		50	ug/L	N/A	N/A	50.3		101		80-120			
tert-Butylbenzene	T000918		50	ug/L	N/A	N/A	51.2		102		80-120			
Carbon Tetrachloride	T000918		50	ug/L	N/A	N/A	49.1		98		60-140			
Chlorobenzene	T000918		50	ug/L	N/A	N/A	49.6		99		80-120			
Chlorodibromomethane	T000918		50	ug/L	N/A	N/A	52.2		104		80-120			
Chloroethane	T000918		50	ug/L	N/A	N/A	47.2		94		60-140			
Chloroform	T000918		50	ug/L	N/A	N/A	46.6		93		80-120			
Chloromethane	T000918		50	ug/L	N/A	N/A	43.4		87		60-140			
2-Chlorotoluene	T000918		50	ug/L	N/A	N/A	50.7		101		80-120			
4-Chlorotoluene	T000918		50	ug/L	N/A	N/A	49.0		98		80-120			
1,2-Dibromo-3-chloropropane	T000918		50	ug/L	N/A	N/A	51.4		103		60-140			
1,2-Dibromoethane (EDB)	T000918		50	ug/L	N/A	N/A	49.8		100		80-120			
Dibromomethane	T000918		50	ug/L	N/A	N/A	51.5		103		80-120			
1,2-Dichlorobenzene	T000918		50	ug/L	N/A	N/A	49.2		98		80-120			
1,3-Dichlorobenzene	T000918		50	ug/L	N/A	N/A	49.9		100		80-120			
1,4-Dichlorobenzene	T000918		50	ug/L	N/A	N/A	49.3		99		80-120			
Dichlorodifluoromethane	T000918		50	ug/L	N/A	N/A	47.5		95		60-140			
1,1-Dichloroethane	T000918		50	ug/L	N/A	N/A	45.6		91		80-120			
1,2-Dichloroethane	T000918		50	ug/L	N/A	N/A	46.6		93		80-120			
1,1-Dichloroethene	T000918		50	ug/L	N/A	N/A	48.1		96		80-120			
cis-1,2-Dichloroethene	T000918		50	ug/L	N/A	N/A	48.2		96		80-120			
trans-1,2-Dichloroethene	T000918		50	ug/L	N/A	N/A	49.0		98		80-120			
1,2-Dichloropropane	T000918		50	ug/L	N/A	N/A	45.7		91		80-120			
1,3-Dichloropropane	T000918		50	ug/L	N/A	N/A	47.9		96		80-120			
2,2-Dichloropropane	T000918		50	ug/L	N/A	N/A	49.0		98		60-140			
1,1-Dichloropropene	T000918		50	ug/L	N/A	N/A	49.8		100		80-120			
cis-1,3-Dichloropropene	T000918		50	ug/L	N/A	N/A	49.3		99		80-120			
trans-1,3-Dichloropropene	T000918		50	ug/L	N/A	N/A	50.4		101		80-120			
2,3-Dichloropropene	T000918		50	ug/L	N/A	N/A	49.0		98		80-120			
Isopropyl Ether	T000918		50	ug/L	N/A	N/A	43.4		87		80-120			
Ethylbenzene	T000918		50	ug/L	N/A	N/A	50.2		100		80-120			
Hexachlorobutadiene	T000918		50	ug/L	N/A	N/A	51.7		103		60-140			
Isopropylbenzene	T000918		50	ug/L	N/A	N/A	51.2		102		80-120			
p-Isopropyltoluene	T000918		50	ug/L	N/A	N/A	52.0		104		80-120			
Methylene Chloride	T000918		50	ug/L	N/A	N/A	46.6		93		80-120			
Methyl tert-Butyl Ether	T000918		50	ug/L	N/A	N/A	46.4		93		80-120			
Naphthalene	T000918		50	ug/L	N/A	N/A	46.6		93		60-140			
n-Propylbenzene	T000918		50	ug/L	N/A	N/A	51.3		103		80-120			

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CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Styrene	T000918		50	ug/L	N/A	N/A	49.6		99		80-120			
1,1,1,2-Tetrachloroethane	T000918		50	ug/L	N/A	N/A	51.5		103		80-120			
1,1,2,2-Tetrachloroethane	T000918		50	ug/L	N/A	N/A	46.2		92		80-120			
Tetrachloroethene	T000918		50	ug/L	N/A	N/A	53.2		106		80-120			
Toluene	T000918		50	ug/L	N/A	N/A	49.2		98		80-120			
1,2,3-Trichlorobenzene	T000918		50	ug/L	N/A	N/A	48.4		97		80-120			
1,2,4-Trichlorobenzene	T000918		50	ug/L	N/A	N/A	51.0		102		80-120			
1,1,1-Trichloroethane	T000918		50	ug/L	N/A	N/A	50.2		100		80-120			
1,1,2-Trichloroethane	T000918		50	ug/L	N/A	N/A	49.0		98		80-120			
Trichloroethene	T000918		50	ug/L	N/A	N/A	51.9		104		80-120			
Trichlorofluoromethane	T000918		50	ug/L	N/A	N/A	53.6		107		80-120			
1,2,3-Trichloropropane	T000918		50	ug/L	N/A	N/A	48.2		96		80-120			
1,2,4-Trimethylbenzene	T000918		50	ug/L	N/A	N/A	50.5		101		80-120			
1,3,5-Trimethylbenzene	T000918		50	ug/L	N/A	N/A	51.4		103		80-120			
Vinyl chloride	T000918		50	ug/L	N/A	N/A	45.9		92		80-120			
Xylenes, Total	T000918		150	ug/L	N/A	N/A	150		100		80-120			
Surrogate: Dibromofluoromethane	*T000918*			ug/L					*97*		*80-120*			
Surrogate: Toluene-d8	*T000918*			ug/L					*98*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*T000918*			ug/L					*99*		*80-120*			
Benzene	T000926		50	ug/kg wet	N/A	N/A	43.4		87		80-120			
Bromobenzene	T000926		50	ug/kg wet	N/A	N/A	49.3		99		80-120			
Bromochloromethane	T000926		50	ug/kg wet	N/A	N/A	46.7		93		80-120			
Bromodichloromethane	T000926		50	ug/kg wet	N/A	N/A	46.9		94		80-120			
Bromoform	T000926		50	ug/kg wet	N/A	N/A	51.3		103		80-120			
Bromomethane	T000926		50	ug/kg wet	N/A	N/A	36.4		73		60-140			
n-Butylbenzene	T000926		50	ug/kg wet	N/A	N/A	46.9		94		80-120			
sec-Butylbenzene	T000926		50	ug/kg wet	N/A	N/A	46.6		93		80-120			
tert-Butylbenzene	T000926		50	ug/kg wet	N/A	N/A	47.4		95		80-120			
Carbon Tetrachloride	T000926		50	ug/kg wet	N/A	N/A	44.8		90		60-140			
Chlorobenzene	T000926		50	ug/kg wet	N/A	N/A	47.7		95		80-120			
Chlorodibromomethane	T000926		50	ug/kg wet	N/A	N/A	49.9		100		80-120			
Chloroethane	T000926		50	ug/kg wet	N/A	N/A	41.6		83		60-140			
Chloroform	T000926		50	ug/kg wet	N/A	N/A	43.9		88		80-120			
Chloromethane	T000926		50	ug/kg wet	N/A	N/A	38.5		77		60-140			
2-Chlorotoluene	T000926		50	ug/kg wet	N/A	N/A	48.5		97		80-120			
4-Chlorotoluene	T000926		50	ug/kg wet	N/A	N/A	47.0		94		80-120			
1,2-Dibromo-3-chloropropane	T000926		50	ug/kg wet	N/A	N/A	50.6		101		60-140			
1,2-Dibromoethane (EDB)	T000926		50	ug/kg wet	N/A	N/A	48.2		96		80-120			
Dibromomethane	T000926		50	ug/kg wet	N/A	N/A	50.3		101		80-120			
1,2-Dichlorobenzene	T000926		50	ug/kg wet	N/A	N/A	47.4		95		80-120			
1,3-Dichlorobenzene	T000926		50	ug/kg wet	N/A	N/A	48.0		96		80-120			
1,4-Dichlorobenzene	T000926		50	ug/kg wet	N/A	N/A	47.7		95		80-120			
Dichlorodifluoromethane	T000926		50	ug/kg wet	N/A	N/A	44.4		89		60-140			
1,1-Dichloroethane	T000926		50	ug/kg wet	N/A	N/A	42.5		85		80-120			

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CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,2-Dichloroethane	T000926		50	ug/kg wet	N/A	N/A	44.5		89		80-120			
1,1-Dichloroethene	T000926		50	ug/kg wet	N/A	N/A	43.0		86		80-120			
cis-1,2-Dichloroethene	T000926		50	ug/kg wet	N/A	N/A	45.5		91		80-120			
trans-1,2-Dichloroethene	T000926		50	ug/kg wet	N/A	N/A	45.6		91		80-120			
1,2-Dichloropropane	T000926		50	ug/kg wet	N/A	N/A	43.2		86		80-120			
1,3-Dichloropropane	T000926		50	ug/kg wet	N/A	N/A	45.7		91		80-120			
2,2-Dichloropropane	T000926		50	ug/kg wet	N/A	N/A	46.9		94		60-140			
1,1-Dichloropropene	T000926		50	ug/kg wet	N/A	N/A	46.0		92		80-120			
cis-1,3-Dichloropropene	T000926		50	ug/kg wet	N/A	N/A	47.3		95		80-120			
trans-1,3-Dichloropropene	T000926		50	ug/kg wet	N/A	N/A	48.6		97		80-120			
2,3-Dichloropropene	T000926		50	ug/kg wet	N/A	N/A	46.6		93		80-120			
Isopropyl Ether	T000926		50	ug/kg wet	N/A	N/A	40.3		81		80-120			
Ethylbenzene	T000926		50	ug/kg wet	N/A	N/A	47.9		96		80-120			
Hexachlorobutadiene	T000926		50	ug/kg wet	N/A	N/A	48.4		97		60-140			
Isopropylbenzene	T000926		50	ug/kg wet	N/A	N/A	48.1		96		80-120			
p-Isopropyltoluene	T000926		50	ug/kg wet	N/A	N/A	49.2		98		80-120			
Methylene Chloride	T000926		50	ug/kg wet	N/A	N/A	43.8		88		80-120			
Methyl tert-Butyl Ether	T000926		50	ug/kg wet	N/A	N/A	44.5		89		80-120			
Naphthalene	T000926		50	ug/kg wet	N/A	N/A	48.5		97		60-140			
n-Propylbenzene	T000926		50	ug/kg wet	N/A	N/A	48.5		97		80-120			
Styrene	T000926		50	ug/kg wet	N/A	N/A	47.8		96		80-120			
1,1,1,2-Tetrachloroethane	T000926		50	ug/kg wet	N/A	N/A	49.9		100		80-120			
1,1,2,2-Tetrachloroethane	T000926		50	ug/kg wet	N/A	N/A	44.2		88		80-120			
Tetrachloroethene	T000926		50	ug/kg wet	N/A	N/A	50.1		100		80-120			
Toluene	T000926		50	ug/kg wet	N/A	N/A	46.6		93		80-120			
1,2,3-Trichlorobenzene	T000926		50	ug/kg wet	N/A	N/A	49.4		99		80-120			
1,2,4-Trichlorobenzene	T000926		50	ug/kg wet	N/A	N/A	50.6		101		80-120			
1,1,1-Trichloroethane	T000926		50	ug/kg wet	N/A	N/A	46.2		92		80-120			
1,1,2-Trichloroethane	T000926		50	ug/kg wet	N/A	N/A	47.3		95		80-120			
Trichloroethene	T000926		50	ug/kg wet	N/A	N/A	49.0		98		80-120			
Trichlorofluoromethane	T000926		50	ug/kg wet	N/A	N/A	48.5		97		80-120			
1,2,3-Trichloropropane	T000926		50	ug/kg wet	N/A	N/A	47.6		95		80-120			
1,2,4-Trimethylbenzene	T000926		50	ug/kg wet	N/A	N/A	48.8		98		80-120			
1,3,5-Trimethylbenzene	T000926		50	ug/kg wet	N/A	N/A	48.9		98		80-120			
Vinyl chloride	T000926		50	ug/kg wet	N/A	N/A	40.7		81		80-120			
Xylenes, total	T000926		150	ug/kg wet	N/A	N/A	143		96		80-120			
Surrogate: Dibromofluoromethane	*T000926*			ug/kg wet					*95*		*80-120*			
Surrogate: Toluene-d8	*T000926*			ug/kg wet					*98*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*T000926*			ug/kg wet					*99*		*80-120*			

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

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
General Chemistry Parameters - Dissolved														
Alkalinity, Total (CaCO3)	10E0229		100	mg/L	20	25	104		104		90-110			
Chloride	10E0258		20	mg/L	1.5	5.0	18.8		94		90-110			
Chloride	10E0259		20	mg/L	1.5	5.0	18.5		93		90-110			
Metals														
Mercury	10E0038		0.0025	mg/L	0.000065	0.00023	0.00242		97		78-131			
Arsenic	10E0041		50	ug/L	0.61	2.0	54.8		110		85-115			
Barium	10E0041		50	ug/L	0.61	2.0	54.3		109		85-115			
Cadmium	10E0041		50	ug/L	0.61	2.0	54.0		108		85-115			
Cobalt	10E0041		50	ug/L	0.61	2.0	52.3		105		85-115			
Iron	10E0041		5100	ug/L	150	500	5570		110		85-115			
Lead	10E0041		50	ug/L	0.61	2.0	52.0		104		85-115			
Manganese	10E0041		50	ug/L	0.61	2.0	52.6		105		85-115			B
Vanadium	10E0041		50	ug/L	0.61	2.0	52.8		106		85-115			
Metals Dissolved														
Mercury	10E0038		0.0025	mg/L	0.000065	0.00023	0.00242		97		78-131			
Arsenic	10E0039		50	ug/L	0.61	2.0	53.4		107		85-115			
Barium	10E0039		50	ug/L	0.61	2.0	52.4		105		85-115			
Cadmium	10E0039		50	ug/L	0.61	2.0	52.9		106		85-115			
Cobalt	10E0039		50	ug/L	0.61	2.0	51.3		103		85-115			
Iron	10E0039		5100	ug/L	150	500	4680		93		85-115			
Lead	10E0039		50	ug/L	0.61	2.0	49.9		100		85-115			
Manganese	10E0039		50	ug/L	0.61	2.0	51.4		103		85-115			
Vanadium	10E0039		50	ug/L	0.61	2.0	53.7		107		85-115			
Arsenic	10E0041		50	ug/L	0.61	2.0	54.8		110		85-115			
Barium	10E0041		50	ug/L	0.61	2.0	54.3		109		85-115			
Cadmium	10E0041		50	ug/L	0.61	2.0	54.0		108		85-115			
Cobalt	10E0041		50	ug/L	0.61	2.0	52.3		105		85-115			
Iron	10E0041		5100	ug/L	150	500	5570		110		85-115			
Lead	10E0041		50	ug/L	0.61	2.0	52.0		104		85-115			
Manganese	10E0041		50	ug/L	0.61	2.0	52.6		105		85-115			B
Vanadium	10E0041		50	ug/L	0.61	2.0	52.8		106		85-115			

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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
General Chemistry Parameters - Dissolved														
QC Source Sample: WTD0968-03														
Alkalinity, Total (CaCO3)	10E0229	171	500	mg/L	100	130	595	570	85	80	47-136	4	24	
QC Source Sample: WTD0968-03														
Chloride	10E0258	3.62	20	mg/L	1.5	5.0	22.8	22.4	96	94	64-132	2	19	
QC Source Sample: WTE0041-01														
Chloride	10E0259	6.42	20	mg/L	1.5	5.0	24.7	24.6	91	91	64-132	0	19	
Metals														
QC Source Sample: WTD0968-02														
Mercury	10E0038	<0.000065	0.0025	mg/L	0.000065	0.00023	0.00234	0.00237	94	95	67-141	1	13	
QC Source Sample: WTD0968-14														
Arsenic	10E0041	28.7	50	ug/L	0.61	2.0	82.3	81.9	107	106	75-125	1	20	
Cadmium	10E0041	<0.12	50	ug/L	0.61	2.0	51.6	52.2	103	104	75-125	1	20	
Cobalt	10E0041	2.32	50	ug/L	0.61	2.0	50.2	50.6	96	97	75-125	1	20	
Iron	10E0041	22000	5100	ug/L	150	500	27300	26500	106	91	75-125	3	20	
Lead	10E0041	<0.61	50	ug/L	0.61	2.0	51.2	52.5	102	105	75-125	3	20	
Vanadium	10E0041	<0.61	50	ug/L	0.61	2.0	49.8	49.0	100	98	75-125	2	20	
Metals Dissolved														
QC Source Sample: WTD0968-02														
Mercury	10E0038	<0.000065	0.0025	mg/L	0.000065	0.00023	0.00234	0.00237	94	95	67-141	1	13	
QC Source Sample: WTD0929-02														
Arsenic	10E0039	3.07	50	ug/L	0.61	2.0	51.0	50.3	96	94	75-125	1	20	
Barium	10E0039	80.0	50	ug/L	0.61	2.0	137	131	113	102	75-125	4	20	
Cadmium	10E0039	1.81	50	ug/L	0.61	2.0	55.3	53.3	107	103	75-125	4	20	
Cobalt	10E0039	0.790	50	ug/L	0.61	2.0	51.3	51.1	101	101	75-125	0	20	
Iron	10E0039	713	5100	ug/L	150	500	5940	5970	103	104	75-125	0	20	
Lead	10E0039	13.9	50	ug/L	0.61	2.0	64.3	62.2	101	97	75-125	3	20	
Manganese	10E0039	12.7	50	ug/L	0.61	2.0	62.6	62.5	100	99	75-125	0	20	
Vanadium	10E0039	10.7	50	ug/L	0.61	2.0	61.7	61.5	102	102	75-125	0	20	
QC Source Sample: WTD0968-14														
Arsenic	10E0041	28.7	50	ug/L	0.61	2.0	82.3	81.9	107	106	75-125	1	20	
Cadmium	10E0041	<0.12	50	ug/L	0.61	2.0	51.6	52.2	103	104	75-125	1	20	
Cobalt	10E0041	2.32	50	ug/L	0.61	2.0	50.2	50.6	96	97	75-125	1	20	
Lead	10E0041	<0.61	50	ug/L	0.61	2.0	51.2	52.5	102	105	75-125	3	20	
Vanadium	10E0041	<0.61	50	ug/L	0.61	2.0	49.8	49.0	100	98	75-125	2	20	
VOCs by SW8260B														
QC Source Sample: WTD0968-03														
Benzene	10E0030	<0.20	50	ug/L	0.20	2.0	45.7	47.0	91	94	79-123	3	20	
Bromobenzene	10E0030	<0.20	50	ug/L	0.20	2.0	46.2	47.8	92	96	83-117	3	24	
Bromochloromethane	10E0030	<0.50	50	ug/L	0.50	2.0	44.6	46.1	89	92	78-113	3	14	
Bromodichloromethane	10E0030	<0.20	50	ug/L	0.20	2.0	46.8	47.8	94	96	84-119	2	19	
Bromoform	10E0030	<0.20	50	ug/L	0.20	5.0	52.4	53.0	105	106	79-124	1	26	
Bromomethane	10E0030	<0.50	50	ug/L	0.50	5.0	38.3	41.4	77	83	70-133	8	18	
n-Butylbenzene	10E0030	<0.20	50	ug/L	0.20	2.0	50.6	50.0	101	100	75-138	1	19	
sec-Butylbenzene	10E0030	<0.25	50	ug/L	0.25	2.0	49.4	49.4	99	99	79-136	0	19	
tert-Butylbenzene	10E0030	<0.20	50	ug/L	0.20	2.0	48.9	48.3	98	97	83-128	1	17	
Carbon Tetrachloride	10E0030	<0.80	50	ug/L	0.80	2.0	48.2	48.2	96	96	88-131	0	17	
Chlorobenzene	10E0030	<0.20	50	ug/L	0.20	2.0	46.6	47.9	93	96	86-115	3	16	
Chlorodibromomethane	10E0030	<0.20	50	ug/L	0.20	2.0	48.6	49.2	97	98	84-120	1	23	

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Project Number: 3550 Onalaska Landfill

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Reported: 05/12/10 07:28

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
VOCs by SW8260B														
QC Source Sample: WTD0968-03														
Chloroethane	10E0030	<1.0	50	ug/L	1.0	5.0	46.9	47.6	94	95	75-131	2	17	
Chloroform	10E0030	<0.20	50	ug/L	0.20	2.0	45.6	47.1	91	94	83-120	3	14	
Chloromethane	10E0030	<0.30	50	ug/L	0.30	2.0	36.9	37.3	74	75	62-129	1	16	
2-Chlorotoluene	10E0030	<0.50	50	ug/L	0.50	2.0	47.4	48.4	95	97	80-131	2	26	
4-Chlorotoluene	10E0030	<0.20	50	ug/L	0.20	2.0	47.2	49.8	94	100	80-132	5	26	
1,2-Dibromo-3-chloropropane	10E0030	<0.50	50	ug/L	0.50	2.0	42.7	45.7	85	91	70-122	7	26	
1,2-Dibromoethane (EDB)	10E0030	<0.20	50	ug/L	0.20	2.0	44.7	46.5	89	93	83-114	4	19	
Dibromomethane	10E0030	<0.20	50	ug/L	0.20	2.0	43.5	44.5	87	89	81-116	2	26	
1,2-Dichlorobenzene	10E0030	<0.20	50	ug/L	0.20	2.0	46.9	47.7	94	95	81-118	2	23	
1,3-Dichlorobenzene	10E0030	<0.20	50	ug/L	0.20	2.0	48.4	49.0	97	98	80-121	1	21	
1,4-Dichlorobenzene	10E0030	<0.50	50	ug/L	0.50	2.0	48.3	48.5	97	97	80-116	0	21	
Dichlorodifluoromethane	10E0030	<0.50	50	ug/L	0.50	2.0	45.1	44.3	90	89	74-135	2	19	
1,1-Dichloroethane	10E0030	<0.50	50	ug/L	0.50	2.0	46.3	47.4	93	95	77-128	2	18	
1,2-Dichloroethane	10E0030	<0.50	50	ug/L	0.50	2.0	44.0	45.8	88	92	80-123	4	19	
1,1-Dichloroethene	10E0030	<0.50	50	ug/L	0.50	2.0	47.1	47.4	94	95	84-131	1	18	
cis-1,2-Dichloroethene	10E0030	<0.50	50	ug/L	0.50	2.0	45.8	47.2	92	94	82-121	3	17	
trans-1,2-Dichloroethene	10E0030	<0.50	50	ug/L	0.50	2.0	46.7	47.9	93	96	82-126	3	23	
1,2-Dichloropropane	10E0030	<0.50	50	ug/L	0.50	2.0	44.7	45.7	89	91	72-123	2	18	
1,3-Dichloropropane	10E0030	<0.25	50	ug/L	0.25	2.0	43.4	44.6	87	89	79-119	3	24	
2,2-Dichloropropane	10E0030	<0.50	50	ug/L	0.50	2.0	50.0	50.9	100	102	82-136	2	16	
1,1-Dichloropropene	10E0030	<0.50	50	ug/L	0.50	2.0	47.6	47.6	95	95	85-127	0	16	
cis-1,3-Dichloropropene	10E0030	<0.20	50	ug/L	0.20	2.0	46.1	46.7	92	93	83-120	1	20	
trans-1,3-Dichloropropene	10E0030	<0.20	50	ug/L	0.20	2.0	46.0	46.7	92	93	82-121	2	26	
Isopropyl Ether	10E0030	<0.50	50	ug/L	0.50	2.0	45.0	46.4	90	93	65-133	3	20	
Ethylbenzene	10E0030	<0.50	50	ug/L	0.50	2.0	48.2	49.0	96	98	84-122	2	16	
Hexachlorobutadiene	10E0030	<0.50	50	ug/L	0.50	2.0	58.0	57.4	116	115	56-137	1	20	
Isopropylbenzene	10E0030	<0.20	50	ug/L	0.20	2.0	48.6	48.7	97	97	79-136	0	22	
p-Isopropyltoluene	10E0030	<0.20	50	ug/L	0.20	2.0	48.1	49.2	96	98	75-141	2	20	
Methylene Chloride	10E0030	<1.0	50	ug/L	1.0	2.0	44.3	46.2	89	92	77-123	4	24	
Methyl tert-Butyl Ether	10E0030	<0.50	50	ug/L	0.50	2.0	44.8	46.5	90	93	76-125	4	18	
Naphthalene	10E0030	<0.25	50	ug/L	0.25	5.0	41.2	43.9	82	88	62-130	6	24	
n-Propylbenzene	10E0030	<0.50	50	ug/L	0.50	2.0	48.6	49.4	97	99	83-130	2	23	
Styrene	10E0030	<0.50	50	ug/L	0.50	5.0	49.3	49.8	99	100	82-126	1	14	
1,1,1,2-Tetrachloroethane	10E0030	<0.25	50	ug/L	0.25	2.0	48.5	50.1	97	100	86-120	3	17	
1,1,2,2-Tetrachloroethane	10E0030	<0.20	50	ug/L	0.20	2.0	45.1	46.2	90	92	75-122	2	26	
Tetrachloroethene	10E0030	<0.50	50	ug/L	0.50	2.0	48.7	49.3	97	99	86-124	1	18	
Toluene	10E0030	<0.50	50	ug/L	0.50	2.0	47.5	48.6	95	97	86-120	2	18	
1,2,3-Trichlorobenzene	10E0030	<0.25	50	ug/L	0.25	2.0	40.4	42.7	81	85	64-126	5	24	
1,2,4-Trichlorobenzene	10E0030	<0.25	50	ug/L	0.25	2.0	44.0	45.5	88	91	67-128	3	21	
1,1,1-Trichloroethane	10E0030	<0.50	50	ug/L	0.50	2.0	47.7	48.1	95	96	87-128	1	19	
1,1,2-Trichloroethane	10E0030	<0.25	50	ug/L	0.25	2.0	43.2	44.7	86	89	82-117	3	28	
Trichloroethene	10E0030	<0.20	50	ug/L	0.20	2.0	46.2	47.0	92	94	90-118	2	18	
Trichlorofluoromethane	10E0030	<0.50	50	ug/L	0.50	2.0	49.1	48.3	98	97	80-143	2	19	
1,2,3-Trichloropropane	10E0030	<0.50	50	ug/L	0.50	2.0	41.8	43.2	84	86	77-120	3	26	
1,2,4-Trimethylbenzene	10E0030	<0.20	50	ug/L	0.20	2.0	47.0	48.1	94	96	77-135	2	24	

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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
VOCs by SW8260B														
QC Source Sample: WTD0968-03														
1,3,5-Trimethylbenzene	10E0030	<0.20	50	ug/L	0.20	2.0	48.0	48.5	96	97	79-132	1	24	
Vinyl chloride	10E0030	<0.20	50	ug/L	0.20	2.0	48.3	48.2	97	96	72-137	0	17	
Xylenes, Total	10E0030	<0.50	150	ug/L	0.50	2.0	145	147	96	98	85-121	2	13	
Surrogate: Dibromofluoromethane	*10E0030*			ug/L					*103*	*104*	*80-120*			
Surrogate: Toluene-d8	*10E0030*			ug/L					*105*	*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0030*			ug/L					*97*	*97*	*80-120*			
QC Source Sample: WTD0937-09														
Benzene	10E0079	2.02	50	ug/L	0.20	2.0	49.8	51.1	96	98	79-123	3	20	
Bromobenzene	10E0079	<0.20	50	ug/L	0.20	2.0	49.9	51.2	100	102	83-117	2	24	
Bromochloromethane	10E0079	<0.50	50	ug/L	0.50	2.0	48.4	49.8	97	100	78-113	3	14	
Bromodichloromethane	10E0079	<0.20	50	ug/L	0.20	2.0	48.8	49.8	98	100	84-119	2	19	
Bromoform	10E0079	<0.20	50	ug/L	0.20	5.0	51.2	52.7	102	105	79-124	3	26	
Bromomethane	10E0079	<0.50	50	ug/L	0.50	5.0	49.1	49.4	98	99	70-133	1	18	
n-Butylbenzene	10E0079	<0.20	50	ug/L	0.20	2.0	51.2	53.2	102	106	75-138	4	19	
sec-Butylbenzene	10E0079	<0.25	50	ug/L	0.25	2.0	51.5	53.0	103	106	79-136	3	19	
tert-Butylbenzene	10E0079	<0.20	50	ug/L	0.20	2.0	51.9	53.4	104	107	83-128	3	17	
Carbon Tetrachloride	10E0079	<0.80	50	ug/L	0.80	2.0	50.9	52.2	102	104	88-131	3	17	
Chlorobenzene	10E0079	<0.20	50	ug/L	0.20	2.0	49.9	51.0	100	102	86-115	2	16	
Chlorodibromomethane	10E0079	<0.20	50	ug/L	0.20	2.0	51.1	51.9	102	104	84-120	2	23	
Chloroethane	10E0079	<1.0	50	ug/L	1.0	5.0	47.6	47.5	95	95	75-131	0	17	
Chloroform	10E0079	<0.20	50	ug/L	0.20	2.0	47.0	48.1	94	96	83-120	2	14	
Chloromethane	10E0079	<0.30	50	ug/L	0.30	2.0	47.1	47.1	94	94	62-129	0	16	
2-Chlorotoluene	10E0079	<0.50	50	ug/L	0.50	2.0	50.7	52.2	101	104	80-131	3	26	
4-Chlorotoluene	10E0079	<0.20	50	ug/L	0.20	2.0	49.2	50.3	98	101	80-132	2	26	
1,2-Dibromo-3-chloropropane	10E0079	<0.50	50	ug/L	0.50	2.0	56.0	62.3	112	125	70-122	11	26	
1,2-Dibromoethane (EDB)	10E0079	<0.20	50	ug/L	0.20	2.0	50.1	51.7	100	103	83-114	3	19	
Dibromomethane	10E0079	<0.20	50	ug/L	0.20	2.0	50.6	52.2	101	104	81-116	3	26	
1,2-Dichlorobenzene	10E0079	<0.20	50	ug/L	0.20	2.0	48.5	50.3	97	101	81-118	4	23	
1,3-Dichlorobenzene	10E0079	<0.20	50	ug/L	0.20	2.0	49.5	50.9	99	102	80-121	3	21	
1,4-Dichlorobenzene	10E0079	<0.50	50	ug/L	0.50	2.0	49.2	50.7	98	101	80-116	3	21	
Dichlorodifluoromethane	10E0079	<0.50	50	ug/L	0.50	2.0	53.8	53.9	108	108	74-135	0	19	
1,1-Dichloroethane	10E0079	0.730	50	ug/L	0.50	2.0	48.3	49.6	95	98	77-128	3	18	
1,2-Dichloroethane	10E0079	<0.50	50	ug/L	0.50	2.0	46.3	47.7	93	95	80-123	3	19	
1,1-Dichloroethene	10E0079	<0.50	50	ug/L	0.50	2.0	51.2	51.7	102	103	84-131	1	18	
cis-1,2-Dichloroethene	10E0079	2.03	50	ug/L	0.50	2.0	50.9	52.1	98	100	82-121	2	17	
trans-1,2-Dichloroethene	10E0079	<0.50	50	ug/L	0.50	2.0	51.4	52.8	103	106	82-126	3	23	
1,2-Dichloropropane	10E0079	<0.50	50	ug/L	0.50	2.0	47.0	48.2	94	96	72-123	2	18	
1,3-Dichloropropane	10E0079	<0.25	50	ug/L	0.25	2.0	47.9	49.2	96	98	79-119	3	24	
2,2-Dichloropropane	10E0079	<0.50	50	ug/L	0.50	2.0	54.4	56.5	109	113	82-136	4	16	
1,1-Dichloropropene	10E0079	<0.50	50	ug/L	0.50	2.0	52.8	53.5	106	107	85-127	1	16	
cis-1,3-Dichloropropene	10E0079	<0.20	50	ug/L	0.20	2.0	50.5	51.9	101	104	83-120	3	20	
trans-1,3-Dichloropropene	10E0079	<0.20	50	ug/L	0.20	2.0	51.1	52.9	102	106	82-121	4	26	
Isopropyl Ether	10E0079	3.27	50	ug/L	0.50	2.0	47.4	48.5	88	90	65-133	2	20	
Ethylbenzene	10E0079	<0.50	50	ug/L	0.50	2.0	51.6	53.0	103	106	84-122	3	16	
Hexachlorobutadiene	10E0079	<0.50	50	ug/L	0.50	2.0	52.2	54.7	104	109	56-137	5	20	

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

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
VOCs by SW8260B														
QC Source Sample: WTD0937-09														
Isopropylbenzene	10E0079	2.54	50	ug/L	0.20	2.0	54.8	56.1	104	107	79-136	2	22	
p-Isopropyltoluene	10E0079	<0.20	50	ug/L	0.20	2.0	52.3	53.9	105	108	75-141	3	20	
Methylene Chloride	10E0079	<1.0	50	ug/L	1.0	2.0	47.0	48.3	94	97	77-123	3	24	
Methyl tert-Butyl Ether	10E0079	<0.50	50	ug/L	0.50	2.0	47.4	49.9	95	100	76-125	5	18	
Naphthalene	10E0079	<0.25	50	ug/L	0.25	5.0	54.0	62.4	108	125	62-130	14	24	
n-Propylbenzene	10E0079	<0.50	50	ug/L	0.50	2.0	52.2	53.6	104	107	83-130	3	23	
Styrene	10E0079	<0.50	50	ug/L	0.50	5.0	49.7	50.9	99	102	82-126	2	14	
1,1,1,2-Tetrachloroethane	10E0079	<0.25	50	ug/L	0.25	2.0	50.9	52.5	102	105	86-120	3	17	
1,1,2,2-Tetrachloroethane	10E0079	<0.20	50	ug/L	0.20	2.0	47.4	50.4	95	101	75-122	6	26	
Tetrachloroethene	10E0079	<0.50	50	ug/L	0.50	2.0	55.2	56.1	110	112	86-124	2	18	
Toluene	10E0079	<0.50	50	ug/L	0.50	2.0	50.6	51.9	101	104	86-120	3	18	
1,2,3-Trichlorobenzene	10E0079	<0.25	50	ug/L	0.25	2.0	51.4	57.6	103	115	64-126	12	24	
1,2,4-Trichlorobenzene	10E0079	<0.25	50	ug/L	0.25	2.0	51.7	55.9	103	112	67-128	8	21	
1,1,1-Trichloroethane	10E0079	<0.50	50	ug/L	0.50	2.0	52.3	53.4	105	107	87-128	2	19	
1,1,2-Trichloroethane	10E0079	<0.25	50	ug/L	0.25	2.0	48.7	50.6	97	101	82-117	4	28	
Trichloroethene	10E0079	<0.20	50	ug/L	0.20	2.0	53.3	54.6	107	109	90-118	2	18	
Trichlorofluoromethane	10E0079	<0.50	50	ug/L	0.50	2.0	55.1	55.1	110	110	80-143	0	19	
1,2,3-Trichloropropane	10E0079	<0.50	50	ug/L	0.50	2.0	48.9	52.1	98	104	77-120	6	26	
1,2,4-Trimethylbenzene	10E0079	<0.20	50	ug/L	0.20	2.0	50.8	51.8	102	104	77-135	2	24	
1,3,5-Trimethylbenzene	10E0079	<0.20	50	ug/L	0.20	2.0	51.6	52.9	103	106	79-132	3	24	
Vinyl chloride	10E0079	22.5	50	ug/L	0.20	2.0	73.4	72.8	102	101	72-137	1	17	
Xylenes, Total	10E0079	2.17	150	ug/L	0.50	2.0	155	158	102	104	85-121	2	13	
Surrogate: Dibromofluoromethane	*10E0079*			ug/L					*97*	*97*	*80-120*			
Surrogate: Toluene-d8	*10E0079*			ug/L					*99*	*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0079*			ug/L					*100*	*99*	*80-120*			
QC Source Sample: WTD0968-21														
Benzene	10E0080	<0.20	50	ug/L	0.20	2.0	46.9	48.4	94	97	79-123	3	20	
Bromobenzene	10E0080	<0.20	50	ug/L	0.20	2.0	50.8	52.0	102	104	83-117	2	24	
Bromochloromethane	10E0080	<0.50	50	ug/L	0.50	2.0	49.0	49.9	98	100	78-113	2	14	
Bromodichloromethane	10E0080	<0.20	50	ug/L	0.20	2.0	48.8	50.4	98	101	84-119	3	19	
Bromoform	10E0080	<0.20	50	ug/L	0.20	5.0	54.7	52.6	109	105	79-124	4	26	
Bromomethane	10E0080	<0.50	50	ug/L	0.50	5.0	44.9	56.4	90	113	70-133	23	18	R2
n-Butylbenzene	10E0080	<0.20	50	ug/L	0.20	2.0	50.7	52.5	101	105	75-138	3	19	
sec-Butylbenzene	10E0080	<0.25	50	ug/L	0.25	2.0	50.9	52.7	102	105	79-136	3	19	
tert-Butylbenzene	10E0080	<0.20	50	ug/L	0.20	2.0	51.5	53.4	103	107	83-128	4	17	
Carbon Tetrachloride	10E0080	<0.80	50	ug/L	0.80	2.0	49.8	51.4	100	103	88-131	3	17	
Chlorobenzene	10E0080	<0.20	50	ug/L	0.20	2.0	49.9	51.1	100	102	86-115	2	16	
Chlorodibromomethane	10E0080	<0.20	50	ug/L	0.20	2.0	52.1	52.5	104	105	84-120	1	23	
Chloroethane	10E0080	<1.0	50	ug/L	1.0	5.0	45.2	50.6	90	101	75-131	11	17	
Chloroform	10E0080	<0.20	50	ug/L	0.20	2.0	46.6	48.1	93	96	83-120	3	14	
Chloromethane	10E0080	<0.30	50	ug/L	0.30	2.0	42.1	44.3	84	89	62-129	5	16	
2-Chlorotoluene	10E0080	<0.50	50	ug/L	0.50	2.0	51.2	52.3	102	105	80-131	2	26	
4-Chlorotoluene	10E0080	<0.20	50	ug/L	0.20	2.0	49.4	50.6	99	101	80-132	2	26	
1,2-Dibromo-3-chloropropane	10E0080	<0.50	50	ug/L	0.50	2.0	57.3	48.9	115	98	70-122	16	26	
1,2-Dibromoethane (EDB)	10E0080	<0.20	50	ug/L	0.20	2.0	51.0	49.7	102	99	83-114	3	19	

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

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
VOCs by SW8260B														
QC Source Sample: WTD0968-21														
Dibromomethane	10E0080	<0.20	50	ug/L	0.20	2.0	51.8	51.8	104	104	81-116	0	26	
1,2-Dichlorobenzene	10E0080	<0.20	50	ug/L	0.20	2.0	49.1	50.2	98	100	81-118	2	23	
1,3-Dichlorobenzene	10E0080	<0.20	50	ug/L	0.20	2.0	49.8	51.1	100	102	80-121	3	21	
1,4-Dichlorobenzene	10E0080	<0.50	50	ug/L	0.50	2.0	49.3	50.6	99	101	80-116	3	21	
Dichlorodifluoromethane	10E0080	<0.50	50	ug/L	0.50	2.0	46.3	47.2	93	94	74-135	2	19	
1,1-Dichloroethane	10E0080	<0.50	50	ug/L	0.50	2.0	46.3	47.6	93	95	77-128	3	18	
1,2-Dichloroethane	10E0080	<0.50	50	ug/L	0.50	2.0	46.5	47.0	93	94	80-123	1	19	
1,1-Dichloroethene	10E0080	<0.50	50	ug/L	0.50	2.0	48.3	49.9	97	100	84-131	3	18	
cis-1,2-Dichloroethene	10E0080	<0.50	50	ug/L	0.50	2.0	48.3	50.2	97	100	82-121	4	17	
trans-1,2-Dichloroethene	10E0080	<0.50	50	ug/L	0.50	2.0	49.8	51.4	100	103	82-126	3	23	
1,2-Dichloropropane	10E0080	<0.50	50	ug/L	0.50	2.0	45.7	47.0	91	94	72-123	3	18	
1,3-Dichloropropane	10E0080	<0.25	50	ug/L	0.25	2.0	48.0	47.9	96	96	79-119	0	24	
2,2-Dichloropropane	10E0080	<0.50	50	ug/L	0.50	2.0	50.0	51.9	100	104	82-136	4	16	
1,1-Dichloropropene	10E0080	<0.50	50	ug/L	0.50	2.0	51.1	51.6	102	103	85-127	1	16	
cis-1,3-Dichloropropene	10E0080	<0.20	50	ug/L	0.20	2.0	49.5	51.3	99	103	83-120	4	20	
trans-1,3-Dichloropropene	10E0080	<0.20	50	ug/L	0.20	2.0	50.8	51.4	102	103	82-121	1	26	
Isopropyl Ether	10E0080	<0.50	50	ug/L	0.50	2.0	42.8	44.0	86	88	65-133	3	20	
Ethylbenzene	10E0080	<0.50	50	ug/L	0.50	2.0	51.2	52.7	102	105	84-122	3	16	
Hexachlorobutadiene	10E0080	<0.50	50	ug/L	0.50	2.0	53.5	55.5	107	111	56-137	4	20	
Isopropylbenzene	10E0080	<0.20	50	ug/L	0.20	2.0	52.0	53.5	104	107	79-136	3	22	
p-Isopropyltoluene	10E0080	<0.20	50	ug/L	0.20	2.0	52.6	54.2	105	108	75-141	3	20	
Methylene Chloride	10E0080	<1.0	50	ug/L	1.0	2.0	46.5	47.4	93	95	77-123	2	24	
Methyl tert-Butyl Ether	10E0080	<0.50	50	ug/L	0.50	2.0	47.3	46.4	95	93	76-125	2	18	
Naphthalene	10E0080	<0.25	50	ug/L	0.25	5.0	55.0	45.5	110	91	62-130	19	24	
n-Propylbenzene	10E0080	<0.50	50	ug/L	0.50	2.0	52.2	53.8	104	108	83-130	3	23	
Styrene	10E0080	<0.50	50	ug/L	0.50	5.0	49.8	50.9	100	102	82-126	2	14	
1,1,1,2-Tetrachloroethane	10E0080	<0.25	50	ug/L	0.25	2.0	51.9	53.4	104	107	86-120	3	17	
1,1,2,2-Tetrachloroethane	10E0080	<0.20	50	ug/L	0.20	2.0	48.1	44.8	96	90	75-122	7	26	
Tetrachloroethene	10E0080	<0.50	50	ug/L	0.50	2.0	54.4	56.0	109	112	86-124	3	18	
Toluene	10E0080	<0.50	50	ug/L	0.50	2.0	50.0	51.4	100	103	86-120	3	18	
1,2,3-Trichlorobenzene	10E0080	<0.25	50	ug/L	0.25	2.0	54.0	48.7	108	97	64-126	10	24	
1,2,4-Trichlorobenzene	10E0080	<0.25	50	ug/L	0.25	2.0	53.2	51.8	106	104	67-128	3	21	
1,1,1-Trichloroethane	10E0080	<0.50	50	ug/L	0.50	2.0	51.7	53.4	103	107	87-128	3	19	
1,1,2-Trichloroethane	10E0080	<0.25	50	ug/L	0.25	2.0	49.3	49.2	99	98	82-117	0	28	
Trichloroethene	10E0080	<0.20	50	ug/L	0.20	2.0	52.6	54.4	105	109	90-118	3	18	
Trichlorofluoromethane	10E0080	<0.50	50	ug/L	0.50	2.0	51.8	54.4	104	109	80-143	5	19	
1,2,3-Trichloropropane	10E0080	<0.50	50	ug/L	0.50	2.0	50.8	46.8	102	94	77-120	8	26	
1,2,4-Trimethylbenzene	10E0080	<0.20	50	ug/L	0.20	2.0	50.8	52.2	102	104	77-135	3	24	
1,3,5-Trimethylbenzene	10E0080	<0.20	50	ug/L	0.20	2.0	51.7	53.2	103	106	79-132	3	24	
Vinyl chloride	10E0080	<0.20	50	ug/L	0.20	2.0	45.2	47.4	90	95	72-137	5	17	
Xylenes, Total	10E0080	<0.50	150	ug/L	0.50	2.0	152	157	101	104	85-121	3	13	
Surrogate: Dibromofluoromethane	*10E0080*			ug/L					*97*	*97*	*80-120*			
Surrogate: Toluene-d8	*10E0080*			ug/L					*99*	*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0080*			ug/L					*99*	*99*	*80-120*			

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

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
VOCs by SW8260B														
QC Source Sample: WTD0972-10														
Benzene	10E0117	0.280	50	ug/L	0.20	2.0	53.9	46.4	107	92	79-123	15	20	
Bromobenzene	10E0117	<0.20	50	ug/L	0.20	2.0	58.9	50.8	118	102	83-117	15	24	
Bromochloromethane	10E0117	<0.50	50	ug/L	0.50	2.0	55.4	48.1	111	96	78-113	14	14	
Bromodichloromethane	10E0117	<0.20	50	ug/L	0.20	2.0	56.3	48.8	113	98	84-119	14	19	
Bromoform	10E0117	<0.20	50	ug/L	0.20	5.0	60.1	52.8	120	106	79-124	13	26	
Bromomethane	10E0117	<0.50	50	ug/L	0.50	5.0	56.8	50.1	114	100	70-133	12	18	
n-Butylbenzene	10E0117	<0.20	50	ug/L	0.20	2.0	55.7	49.8	111	100	75-138	11	19	
sec-Butylbenzene	10E0117	<0.25	50	ug/L	0.25	2.0	56.9	50.6	114	101	79-136	12	19	
tert-Butylbenzene	10E0117	<0.20	50	ug/L	0.20	2.0	58.4	51.3	117	103	83-128	13	17	
Carbon Tetrachloride	10E0117	<0.80	50	ug/L	0.80	2.0	59.3	50.2	119	100	88-131	17	17	
Chlorobenzene	10E0117	<0.20	50	ug/L	0.20	2.0	57.4	49.4	115	99	86-115	15	16	
Chlorodibromomethane	10E0117	<0.20	50	ug/L	0.20	2.0	59.1	51.5	118	103	84-120	14	23	
Chloroethane	10E0117	<1.0	50	ug/L	1.0	5.0	54.4	46.3	109	93	75-131	16	17	
Chloroform	10E0117	<0.20	50	ug/L	0.20	2.0	53.1	46.0	106	92	83-120	14	14	
Chloromethane	10E0117	<0.30	50	ug/L	0.30	2.0	49.7	41.0	99	82	62-129	19	16	R2
2-Chlorotoluene	10E0117	<0.50	50	ug/L	0.50	2.0	58.3	50.7	117	101	80-131	14	26	
4-Chlorotoluene	10E0117	<0.20	50	ug/L	0.20	2.0	56.4	48.8	113	98	80-132	15	26	
1,2-Dibromo-3-chloropropane	10E0117	<0.50	50	ug/L	0.50	2.0	56.9	52.7	114	105	70-122	8	26	
1,2-Dibromoethane (EDB)	10E0117	<0.20	50	ug/L	0.20	2.0	56.2	49.4	112	99	83-114	13	19	
Dibromomethane	10E0117	<0.20	50	ug/L	0.20	2.0	59.0	51.8	118	104	81-116	13	26	
1,2-Dichlorobenzene	10E0117	<0.20	50	ug/L	0.20	2.0	55.8	48.7	112	97	81-118	14	23	
1,3-Dichlorobenzene	10E0117	<0.20	50	ug/L	0.20	2.0	56.6	49.3	113	99	80-121	14	21	
1,4-Dichlorobenzene	10E0117	<0.50	50	ug/L	0.50	2.0	56.5	48.9	113	98	80-116	14	21	
Dichlorodifluoromethane	10E0117	<0.50	50	ug/L	0.50	2.0	59.6	49.2	119	98	74-135	19	19	
1,1-Dichloroethane	10E0117	<0.50	50	ug/L	0.50	2.0	52.5	45.2	105	90	77-128	15	18	
1,2-Dichloroethane	10E0117	<0.50	50	ug/L	0.50	2.0	52.5	45.6	105	91	80-123	14	19	
1,1-Dichloroethene	10E0117	<0.50	50	ug/L	0.50	2.0	57.2	48.0	114	96	84-131	17	18	
cis-1,2-Dichloroethene	10E0117	41.0	50	ug/L	0.50	2.0	96.4	87.9	111	94	82-121	9	17	
trans-1,2-Dichloroethene	10E0117	9.39	50	ug/L	0.50	2.0	68.5	59.3	118	100	82-126	14	23	
1,2-Dichloropropane	10E0117	<0.50	50	ug/L	0.50	2.0	51.6	44.8	103	90	72-123	14	18	
1,3-Dichloropropane	10E0117	<0.25	50	ug/L	0.25	2.0	53.6	46.8	107	94	79-119	14	24	
2,2-Dichloropropane	10E0117	<0.50	50	ug/L	0.50	2.0	62.6	53.2	125	106	82-136	16	16	
1,1-Dichloropropene	10E0117	<0.50	50	ug/L	0.50	2.0	58.9	51.0	118	102	85-127	14	16	
cis-1,3-Dichloropropene	10E0117	<0.20	50	ug/L	0.20	2.0	57.5	50.0	115	100	83-120	14	20	
trans-1,3-Dichloropropene	10E0117	<0.20	50	ug/L	0.20	2.0	58.4	50.9	117	102	82-121	14	26	
Isopropyl Ether	10E0117	<0.50	50	ug/L	0.50	2.0	46.9	41.0	94	82	65-133	13	20	
Ethylbenzene	10E0117	<0.50	50	ug/L	0.50	2.0	59.1	50.7	118	101	84-122	15	16	
Hexachlorobutadiene	10E0117	<0.50	50	ug/L	0.50	2.0	59.8	53.2	120	106	56-137	12	20	
Isopropylbenzene	10E0117	<0.20	50	ug/L	0.20	2.0	60.1	51.8	120	104	79-136	15	22	
p-Isopropyltoluene	10E0117	<0.20	50	ug/L	0.20	2.0	59.1	52.1	118	104	75-141	13	20	
Methylene Chloride	10E0117	<1.0	50	ug/L	1.0	2.0	52.7	45.3	105	91	77-123	15	24	
Methyl tert-Butyl Ether	10E0117	<0.50	50	ug/L	0.50	2.0	51.9	46.4	104	93	76-125	11	18	
Naphthalene	10E0117	<0.25	50	ug/L	0.25	5.0	53.7	51.8	107	104	62-130	4	24	
n-Propylbenzene	10E0117	<0.50	50	ug/L	0.50	2.0	60.0	51.7	120	103	83-130	15	23	
Styrene	10E0117	<0.50	50	ug/L	0.50	5.0	57.3	49.2	115	98	82-126	15	14	R2

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

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
VOCs by SW8260B														
QC Source Sample: WTD0972-10														
1,1,1,2-Tetrachloroethane	10E0117	<0.25	50	ug/L	0.25	2.0	59.7	51.8	119	104	86-120	14	17	
1,1,2,2-Tetrachloroethane	10E0117	<0.20	50	ug/L	0.20	2.0	50.0	45.5	100	91	75-122	9	26	
Tetrachloroethene	10E0117	<0.50	50	ug/L	0.50	2.0	64.7	55.6	129	111	86-124	15	18	
Toluene	10E0117	<0.50	50	ug/L	0.50	2.0	57.4	49.4	115	99	86-120	15	18	
1,2,3-Trichlorobenzene	10E0117	<0.25	50	ug/L	0.25	2.0	54.9	51.9	110	104	64-126	5	24	
1,2,4-Trichlorobenzene	10E0117	<0.25	50	ug/L	0.25	2.0	57.3	52.3	115	105	67-128	9	21	
1,1,1-Trichloroethane	10E0117	<0.50	50	ug/L	0.50	2.0	60.7	51.6	121	103	87-128	16	19	
1,1,2-Trichloroethane	10E0117	<0.25	50	ug/L	0.25	2.0	55.0	48.5	110	97	82-117	12	28	
Trichloroethene	10E0117	105	50	ug/L	0.20	2.0	175	156	141	103	90-118	11	18	E
Trichlorofluoromethane	10E0117	<0.50	50	ug/L	0.50	2.0	65.5	54.7	131	109	80-143	18	19	
1,2,3-Trichloropropane	10E0117	<0.50	50	ug/L	0.50	2.0	53.8	48.6	108	97	77-120	10	26	
1,2,4-Trimethylbenzene	10E0117	<0.20	50	ug/L	0.20	2.0	58.0	50.5	116	101	77-135	14	24	
1,3,5-Trimethylbenzene	10E0117	<0.20	50	ug/L	0.20	2.0	59.1	51.4	118	103	79-132	14	24	
Vinyl chloride	10E0117	4.37	50	ug/L	0.20	2.0	59.0	49.2	109	90	72-137	18	17	R2
Xylenes, Total	10E0117	<0.50	150	ug/L	0.50	2.0	176	152	117	101	85-121	15	13	R2
Surrogate: Dibromofluoromethane	*10E0117*			ug/L					*95*	*95*	*80-120*			
Surrogate: Toluene-d8	*10E0117*			ug/L					*98*	*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10E0117*			ug/L					*100*	*99*	*80-120*			

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

BT SQUARED, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Steve Smith

Work Order: WTD0968
Project: Onalaska Landfill
Project Number: 3550 Onalaska Landfill

Received: 04/30/10
Reported: 05/12/10 07:28

CERTIFICATION SUMMARY

TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
EPA 310.2	Water - NonPotable	X	X
SM 4500ClE	Water - NonPotable	X	X
SW 6020A	Water - NonPotable	X	X
SW 7470A	Water - NonPotable		X
SW 8260B	Water - NonPotable	X	X

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BT SQUARED, INC. 2830 Dairy Drive Madison, WI 53718 Mr. Steve Smith	Work Order: Project: Project Number:	WTD0968 Onalaska Landfill 3550 Onalaska Landfill	Received: Reported:	04/30/10 05/12/10 07:28

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
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.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.