

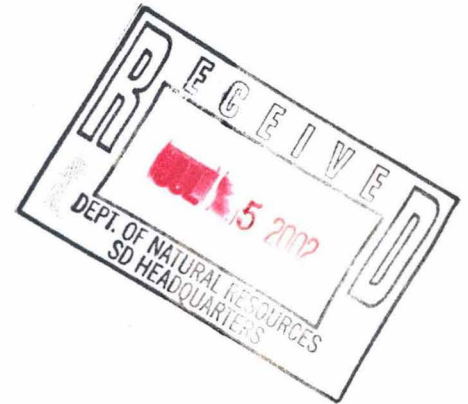
Stoughton City Lfj
02-13-000880

Environmental Engineering and Science



July 2, 2002

Mr. Michael Schmoller
WDNR South Central Region Office
3911 Fish Hatchery Road
Fitchburg, WI 53711



**SUBJECT: Semi-Annual Groundwater Monitoring Report
 April 2002 Monitoring Event
 Stoughton City Landfill
 WDNR Purchase Order #NMB00000136
 FID # 113005950 - License #133
 WDNR Project # J-036-02
 BT² Project #1764**

Dear Mr. Schmoller:

This letter provides the Semi-Annual Groundwater Monitoring Report for the April 2002 monitoring event for the Stoughton City Landfill site. We conducted the groundwater monitoring well sampling at the site on April 22 and 23, 2002. A diskette with the electronic data file is being submitted to Kathy Thompson in the WDNR Central Office, along with the Groundwater Monitoring Data Certification Form.

Our original Project Schedule, from the *Draft Quality Assurance Project Plan* submitted to the WDNR on September 15, 2000 (Table 4), had the second semi-annual groundwater monitoring event scheduled for January 2001. Due to the ice blockages found in a majority of the monitoring wells, the sampling was re-scheduled for after the spring thaw per your approval. The semi-annual groundwater monitoring events are scheduled for April and November of each year.

Scope and Methods

The objectives of the groundwater monitoring are:

- Monitor the movement of the Tetrahydrofuran (THF) and Dichlorodifluoromethane (DCDFM) plumes semi-annually to evaluate the effects of natural attenuation and the landfill cap on the plumes.
- Reevaluate the site groundwater quality five years after placement of the landfill cap (placed in 1998, due in 2003) and compare the results against the initial baseline groundwater monitoring analytical results. Repeat this evaluation every five years until the THF and DCDFM plumes fall below the PALs.

The field procedures and the groundwater sampling were performed in accordance with the Quality Assurance Project Plan (QAPP) Revision 0 submitted to the WDNR on September 15, 2000. The groundwater samples were analyzed by TestAmerica, Inc. of Watertown, WI for DCDFM and THF. Additionally, wells that showed detections above the PAL's for VOC compounds other than DCDFM and THF from the August 28, 2000 sampling event were analyzed for the full VOC list by EPA Method 8260B. The laboratory methods are shown on the laboratory reports in **Attachment A**. A copy of the laboratory's Standard Operating Procedures (SOP) is included in the QAPP.

Groundwater Analytical Results

Table 1 is a summary of analytical results for the groundwater monitoring at the site. Field parameter results are summarized in **Table 2**. The original analytical and quality control report are enclosed as **Attachment A**. A summary of NR 140 standard exceedances is provided in **Attachment B**.

Qualifiers

The analytical reports included qualifier flags for some samples. Methylene chloride was flagged with the "L" qualifier as a common lab solvent and contaminant on the following samples: MW9I, MW9B, MW10I Duplicate, MW14S, MW14I. Concentrations ranged from 0.51 $\mu\text{g/L}$ to 1.7 $\mu\text{g/L}$. The Quality Control Report Blanks for Run Batch 3682 (MW9I, MW9B) for methylene chloride had a result of 0.95 $\mu\text{g/L}$, Run Batch 3691 (MW10I Dup., MW14S) had a result of 1.06 $\mu\text{g/L}$, and Run Batch 3699 had a result of 0.63 $\mu\text{g/L}$. The site historical analytical data, summarized on Table 3 of the QAPP, show no detections for methylene chloride above the PAL.

The Trip Blank from April 23, 2002 had contamination at concentrations below the limit of quantitation (LOQ) for benzene at 0.17 $\mu\text{g/L}$ (LOQ of 0.33 $\mu\text{g/L}$) and total xylenes at 0.42 $\mu\text{g/L}$ (LOQ of 0.83 $\mu\text{g/L}$). Detections above the LOQ were also found for methylene chloride at 23 $\mu\text{g/L}$, tetrahydrofuran at 2.5 $\mu\text{g/L}$, and toluene at 0.52 $\mu\text{g/L}$. The Quality Control Report Blanks for Run Batch 3690 (trip blank) had a result of 1.03 $\mu\text{g/L}$ for methylene chloride; The Quality Control Report Blanks for benzene, total xylenes, and toluene had no detections. There was no Quality Control Report Blank prepared for tetrahydrofuran. The analytical results for the samples collected on April 23, 2002 were not blank corrected for tetrahydrofuran, although results from the samples collected that day were comparable to the historical results as shown on **Table 3**.

It should be noted that all the historical site data was analyzed by the U.S. EPA Contract Laboratory Program (CLP) Routine Analytical Services (RAS) using the Low/Medium Concentration Organic Target Compound List (TCL) and Contract Required Quantitation Limits (CRQL) of 10 $\mu\text{g/l}$. The current analytical laboratory, TestAmerica, Inc., provides detection limits ranging for SW 8260B Volatile Organic Compounds (VOCs) ranging from 0.10 $\mu\text{g/l}$ for chlorodibromomethane to 1.9 $\mu\text{g/l}$ for tetrahydrofuran.

Target Compounds at the Shallow Monitoring Wells

Ten shallow monitoring wells were analyzed for either the full list of VOC's by Method 8260B or for DCDFM and THF only by Method 8260B. Analytical results and historical ranges for the current sampling event are summarized on **Table 3**.

Target Compounds at the Intermediate and Deep Monitoring Wells

Seventeen intermediate and deep monitoring wells were analyzed for either the full list of VOC's by Method 8260B or for DCDFM and THF only by Method 8260B. Analytical results and historical ranges for the current sampling event are summarized on **Table 3**.

Other Volatile Organic Compounds Detected

The following VOCs, in addition to DCDFM and THF, were detected above the PAL or ES:

Tetrachloroethene	MW10I at 2.4 $\mu\text{g/L}$, MW14S at 5.0 $\mu\text{g/L}$, MW14I at 2.3 $\mu\text{g/L}$ (PAL of 0.5 $\mu\text{g/L}$)
Trichloroethene	MW9I at 0.96 $\mu\text{g/L}$, MW10I at 1.6 $\mu\text{g/L}$, MW14S at 3.9 $\mu\text{g/L}$, MW14I at 3.6 $\mu\text{g/L}$ (PAL of 0.5 $\mu\text{g/L}$)

Several other VOCs were detected at levels below their respective PAL and ES limits (see **Table 1**).

Sampling Plan Deviations

There were no noted deviations from the sampling plan.

Recommendations

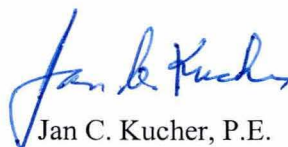
Due to continued PAL exceedances for DCDFM, THF, and several other VOCs, no further changes to the VOC monitoring program are recommended.

A CD-ROM is also enclosed containing a copy of this report as a PDF file. If you have any questions about the results or any other aspect of the project, please call us at (608) 224-2830.

Sincerely,
BT², Inc.



Sherren Clark, P.E., P.G.
Quality Assurance/ Senior Review



Jan C. Kucher, P.E.
Project Manager



Steven B. Smith
Environmental Specialist

- Enclosed: CD-ROM
Table 1 Summary of Analytical Results
Table 2 Summary of Field Parameters
Table 3 Target Compound Detections
Attachment A - Laboratory Analytical Report
Attachment B - Groundwater Monitoring Data Certification Form (with exceedances report)

TABLES

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
April 2002

Analyte	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MW3S 04/22/02	MW3D 04/22/02	MW3B 04/22/02	MW4S 04/22/02	MW4D 04/22/02	MW5S 04/22/02	MW5D 04/22/02	MW5D Dup 04/22/02	MW7S 04/22/02	MW7I 04/22/02	MW7B 04/22/02	MW8S 04/22/02	MW8I 04/22/02	MW8I Dup 04/22/02	MW8B 04/22/02	MW9S 04/22/02	MW9I 04/22/02	MW9B 04/22/02
Benzene	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	0.72	0.3	<0.20
Bromobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Bromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Bromodichloromethane	0.6	0.06	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Bromoform	4.4	0.44	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Bromomethane	10	1	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Carbon Tetrachloride	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Chlorodibromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Chloroethane	400	80	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Chloroform	6	0.6	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Chloromethane	3	0.3	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
2-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.20	<0.20	<0.20
4-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
1,2-Dibromo-3-Chloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
1,2-Dibromoethane (EDB)	0.05	0.005	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Dibromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	600	60	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	1,250	125	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	75	15	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	5.8	5.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	91	67	4.9
1,1-Dichloroethane	850	85	--	--	--	--	--	--	--	--	--	--	--	--	1--	--	--	<0.50	<0.50	<0.50

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Stoughton City Landfill
BT² Project #1764
April 2002

Analyte	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MW3S 04/22/02	MW3D 04/22/02	MW3B 04/22/02	MW4S 04/22/02	MW4D 04/22/02	MW5S 04/22/02	MW5D 04/22/02	MW5D Dup 04/22/02	MW7S 04/22/02	MW7I 04/22/02	MW7B 04/22/02	MW8S 04/22/02	MW8I 04/22/02	MW8I Dup 04/22/02	MW8B 04/22/02	MW9S 04/22/02	MW9I 04/22/02	MW9B 04/22/02
1,2-Dichloroethane	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,1-Dichloroethene	7	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	70	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	1.6	<0.50
trans-1,2-Dichloroethene	100	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,2-Dichloropropane	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,3-Dichloropropane	0.2	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
2,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,1-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Di-isopropyl ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Ethylbenzene	700	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Methylene Chloride	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	1.4	1.7
Methyl-tert-butyl ether	60	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Naphthalene	40	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Styrene	100	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,1,1,2-Tetrachloroethane	70	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.2	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Tetrachloroethene	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Tetrahydrofuran	50	10	<0.25	100	1.9	0.84	1.5	1.3	3.3	3.4	0.87	1.6	1.7	<0.25	3.7	3.8	0.38	14	7.9	<0.50
Toluene	1,000	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.20
1,2,3-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	70	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,1,1-Trichloroethane	200	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Trichloroethene	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	0.96	<0.50
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	3.7	4.4
1,2,3-Trichloropropane	60	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
1,2,4-Trimethylbenzene	480	96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.20
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.20
Vinyl Chloride	0.2	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Xylenes, Total	10,000	1,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50
Lab Notes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	(1)	(1)	(1)

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
April 2002

Parameter (µg/l)	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MS10S 04/23/02	MW10I 04/23/02	MW10I Dup 04/23/02	MW10D 04/23/02	MW13S 04/23/02	MW13I 04/23/02	MW13D 04/23/02	MW14S 04/23/02	MW14I 04/23/02	MW14D 04/23/02	MW15S 04/23/02	MW15I 04/23/02	MW15D 04/23/02	Field Blank 04/22/02	Field Blank 04/23/02	Trip Blank 04/22/02	Trip Blank 04/23/02
Benzene	5	0.5	<0.10	0.23	0.22	--	--	--	--	<0.20	0.39	--	--	--	--	<0.10	<0.10	<0.10	0.17
Bromobenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Bromochloromethane	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Bromodichloromethane	0.6	0.06	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	0.4	0.37	<0.25	<0.25
Bromoform	4.4	0.44	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	1.6	1.2	<0.25	<0.25
Bromomethane	10	1	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
n-Butylbenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
sec-Butylbenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
tert-Butylbenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Carbon Tetrachloride	5	0.5	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Chlorobenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Chlorodibromomethane	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	1.1	0.88	<0.25	<0.25
Chloroethane	400	80	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Chloroform	6	0.6	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Chloromethane	3	0.3	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
2-Chlorotoluene	--	--	<0.10	<0.10	<0.10	--	--	--	--	<0.20	<0.10	--	--	--	--	<0.10	<0.10	<0.10	<0.10
4-Chlorotoluene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2-Dibromo-3-Chloropropane	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2-Dibromoethane (EDB)	0.05	0.005	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Dibromomethane	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2-Dichlorobenzene	600	60	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,3-Dichlorobenzene	1,250	125	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,4-Dichlorobenzene	75	15	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Dichlorodifluoromethane	1,000	200	0.47	110	100	<0.25	<0.25	0.8	0.61	98	96	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,1-Dichloroethane	850	85	<0.25	0.65	0.68	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
April 2002

Parameter (µg/l)	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MS10S 04/23/02	MW10I 04/23/02	MW10I Dup 04/23/02	MW10D 04/23/02	MW13S 04/23/02	MW13I 04/23/02	MW13D 04/23/02	MW14S 04/23/02	MW14I 04/23/02	MW14D 04/23/02	MW15S 04/23/02	MW15I 04/23/02	MW15D 04/23/02	Field Blank 04/22/02	Field Blank 04/23/02	Trip Blank 04/22/02	Trip Blank 04/23/02
1,2-Dichloroethane	5	0.5	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,1-Dichloroethene	7	0.7	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
cis-1,2-Dichloroethene	70	7	<0.25	1.7	1.7	--	--	--	--	0.52	1.1	--	--	--	--	<0.25	<0.25	<0.25	<0.25
trans-1,2-Dichloroethene	100	20	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2-Dichloropropane	5	0.5	<0.25	<0.25	0.33	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,3-Dichloropropane	0.2	0.02	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
2,2-Dichloropropane	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,1-Dichloropropene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
cis-1,3-Dichloropropene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
trans-1,3-Dichloropropene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Di-isopropyl ether	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Ethylbenzene	700	140	<0.25	<0.25	<0.25	--	--	--	--	<0.50	0.95	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Hexachlorobutadiene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Isopropylbenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
p-Isopropyltoluene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Methylene Chloride	5	0.5	<0.25	<0.25	0.51	--	--	--	--	1.7	<0.25	--	--	--	--	<0.25	<0.25	<0.25	23
Methyl-tert-butyl ether	60	12	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Naphthalene	40	8	<0.25	<0.25	<0.25	--	--	--	--	<0.50	0.27	--	--	--	--	<0.25	<0.25	<0.25	<0.25
n-Propylbenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Styrene	100	10	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,1,1,2-Tetrachloroethane	70	7	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Tetrachloroethene	5	0.5	<0.25	2.4	2.4	--	--	--	--	5	2.3	--	--	--	--	1.0	1.4	<0.25	<0.25
Tetrahydrofuran	50	10	20	7.7	7.5	<0.25	<0.25	9.9	9.3	<0.50	2.4	0.47	<0.25	<0.25	<0.25	0.7	0.52	<0.25	2.5
Toluene	1,000	200	<0.10	<0.10	<0.10	--	--	--	--	<0.20	0.3	--	--	--	--	<0.10	<0.10	<0.10	0.52
1,2,3-Trichlorobenzene	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2,4-Trichlorobenzene	70	14	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,1,1-Trichloroethane	200	40	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,1,2-Trichloroethane	5	0.5	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5	0.5	<0.25	1.6	1.6	--	--	--	--	3.9	3.6	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Trichlorofluoromethane	--	--	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2,3-Trichloropropane	60	12	<0.25	<0.25	<0.25	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
1,2,4-Trimethylbenzene	480	96	<0.10	<0.10	<0.10	--	--	--	--	<0.20	1.1	--	--	--	--	<0.10	<0.10	<0.10	<0.10
1,3,5-Trimethylbenzene	480	96	<0.10	<0.10	<0.10	--	--	--	--	<0.20	0.28	--	--	--	--	<0.10	<0.10	<0.10	<0.10
Vinyl Chloride	0.2	0.02	<0.25	0.77	0.86	--	--	--	--	<0.50	<0.25	--	--	--	--	<0.25	<0.25	<0.25	<0.25
Xylenes, Total	10,000	1,000	<0.25	<0.25	<0.25	--	--	--	--	<0.50	4.1	--	--	--	--	<0.25	<0.25	<0.25	0.42
Lab Notes	--	--	--	--	(1)	--	--	--	--	(1)	--	--	--	--	--	--	--	--	--

LABORATORY NOTES:

(1) Methylene chloride - Common lab solvent and contaminant.

NOTE:

Bold values exceed NR 140 enforcement standards.

By: LMH 6/6/02

Checked: SBS 6/6/02

Table 2
Summary of Field Parameters
Semi-Annual Groundwater Report
Stoughton City Landfill
BT² Project #1764
April 2002

Monitoring Well Number	Sampling Date	Depth to Water (ft.)	Total Depth (ft.)	Total Volume Purged (gal.)	Temperature (°C)	Dissolved Oxygen (ppm)	pH (standard units)	Specific Conductivity (µs/cm)	Turbidity
MW3S	04/22/02	9.88	19.4	4.6	13.5	4.0	7.26	356	Moderate
MW3D	04/22/02	9.75	73.0	30.4	13.3	4.0	7.41	518	None
MW3B	04/22/02	10.52	95.2	40.6	13.3	4.0	7.13	844	None
MW4S	04/22/02	7.18	15.2	3.8	13.2	8.0	7.29	428	None
MW4D	04/22/02	7.08	74.0	32.1	13.5	5.0	7.39	432	None
MW5S	04/22/02	7.11	16.6	4.6	12.9	1.0	7.10	1066	Slight
MW5D	04/22/02	7.00	77.0	33.6	12.7	2.0	7.10	803	None
MW7S	04/22/02	3.70	15.1	5.5	13.1	2.0	7.30	526	None
MW7I	04/22/02	0.50	59.95	28.6	13.3	3.0	7.07	259	None
MW7B	04/22/02	0	-	Self Purging	12.9	2.0	7.17	417	None
MW8S	04/22/02	1.10	33.0	15.4	12.8	5.0	6.99	499	None
MW8I	04/22/02	1.00	62.45	29.5	13.2	7.0	7.09	579	None
MW8B	04/22/02	1.80	84.3	18.1	13.1	8.0	7.20	382	None
MW9S	04/22/02	2.00	30.1	5.5	13.3	1.0	7.01	513	None
MW9I	04/22/02	2.36	47.3	9.2	13.3	2.0	6.99	970	None
MW9B	04/22/02	2.10	83.4	39.0	13.1	2.0	6.83	259	None
MW10S	04/23/02	3.10	16.9	6.6	13.1	3.0	6.93	395	Moderate
MW10I	04/23/02	0	39.8	Self Purging	13.1	2.0	7.09	549	None
MW10D	04/23/02	0	86.6	Self Purging	13.2	3.0	7.11	399	None
MW13S	04/23/02	3.28	16.75	6.5	13.3	4.0	6.90	854	Moderate
MW13I	04/23/02	0	51.5	Self Purging	12.8	2.0	6.80	671	None
MW13D	04/23/02	0	95.6	Self Purging	12.9	2.0	6.83	645	None
MW14S	04/23/02	3.76	26.2	10.8	13.1	1.0	7.10	1,197	None
MW14I	04/23/02	2.10	51.2	23.6	13.1	3.0	7.19	962	None
MW14D	04/23/02	2.37	89.6	41.9	13.3	1.0	7.10	934	None
MW15S	04/23/02	4.55	16.6	5.8	13.1	5.0	7.17	460	None
MW15I	04/23/02	2.25	57.4	26.5	13.1	5.0	7.20	559	None
MW15D	04/23/02	2.05	85.9	40.2	13.2	2.0	7.39	487	None
MW5D DUP	04/22/02	7.00	77.0	33.6	12.7	2.0	7.10	803	None
MW8I DUP	04/22/02	1.00	62.45	29.5	13.2	7.0	7.09	579	None
MW10I DUP	04/23/02	0.00	89.6	Self Purging	13.1	2.0	7.09	549	None
Field #1 Blank	04/22/02	--	--	--	--	--	--	--	None
Field #2 Blank	04/23/02	--	--	--	--	--	--	--	None

By: SS 06/04/02
Checked: JP 06/04/02

Table 3
Target Compound Detections
Stoughton City Landfill
BT² Project #1764
April 2002

Shallow Monitoring Wells				
Well	Current Event Concentration (µg/l)		Historical Range (µg/l)	
	DCDFM	THF	DCDFM	THF
MW9S	91	14	160-400	14-22
MW10S	0.47	20	ND-20	ND-3.5
MW14S	98	ND	110-710	ND-50

Intermediate and Deep Monitoring Wells				
Well	Current Event Concentration (µg/l)		Historical Range (µg/l)	
	DCDFM	THF	DCDFM	THF
MW3D	ND	100	ND	53-310
MW5D	5.8	3.3	3.3-10	2.6-4.0
MW8I	ND	3.7	ND	3.5-20
MW9I	67	7.9	120-340	5.3-12
MW9B	4.9	ND	6.1-6.5	ND
MW10I	110	7.7	150-280	5.1-21
MW13I	0.8	9.9	ND-2.0	19-22
MW14I	96	2.4	120-590	ND
MW14D	ND	0.47	ND-1.5	ND

NOTES:

1. DCDFM is dichlorodifluoromethane; THF is tetrahydrofuran.
2. ND = No detections.
3. DCDFM PAL = 200 µg/l, ES = 1,000 µg/l; THF PAL = 10 µg/l, ES = 50 µg/l.
4. Historical range includes 3 rounds of sampling performed by BT² (8/00, 4/01, 11/01) and two rounds performed by Roy F. Weston in April 1998 and April 1999.
5. Data from Roy F. Weston is summarized on Table 3 of the QAPP submitted September 2000.

By: SS 06/04/02

Checked: JP 06/04/02

ATTACHMENT A

Laboratory Analytical Report

TestAmerica

INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone: 920-261-1660
Fax: 920-261-8120

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

Client Name: BT² Inc. Client #: _____
Address: 2830 Nancy Dr.
City/State/Zip Code: Madison WI 53718
Project Manager: J. Kucher
Telephone Number: 224-2830 Fax: 224-2839
Sampler Name: (Print Name) S. Smith
Sampler Signature: J. Kucher

Project Name: Stoughton City L.F.
Project #: #1764
Site/Location ID: Stoughton State: WI
Report To: S. Smith - BT²
Invoice To: S. Smith - BT²
Quote #: 03.0159 Revised 7/24/00 PO#: _____

TAT <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)	Date Needed: <u>2 wks</u>	Fax Results: <u>Y N</u>	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	Preservation & # of Containers	Analyze For	QC Deliverables		
										SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	IW - Wastewater Specify Other
SAMPLE ID											REMARKS	
Trip Blank			4/22/02	0800	G	N	GW	2		X		
mw 35				1000						X		
mw 3 D				1010						X		
mw 3 B				1030						X		
mw 4 S				1050						X		
mw 4 D				1115						X		
mw 5 S				1130						X		
mw 5 D				1150						X		
mw 5 D Dup.				1150						X		
Mw 7 S				1400						X		

Matrix: VOCs (82608)
PCDFs + THF only

FILE COPY

RECEIVED
MAY 16 2002

Special Instructions: _____

Relinquished By: K. Lowe Date: 4/23 Time: _____ Received By: _____ Date: 4/23 Time: 9:50

Relinquished By: _____ Date: 4/23 Time: 10:45 Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: 4/23 Time: 11:30

LABORATORY COMMENTS:
Init Lab Temp: Room
Rec Lab Temp: _____
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N

CG 4/23

CHAIN OF CUSTODY RECORD

02.03634 Pg. 2 of 2

602 Commerce Drive / Watertown, WI 53094
 Phone: (920) 261-1660 / Fax: (920) 261-8120

COMPANY _____
 ADDRESS See Pg. 1
 PHONE _____ FAX #1764
 PROJECT DESCRIPTION/NO. _____
 PROJECT MANAGER _____

REPORT TO: _____
 INVOICE TO: _____
 P.O. NO.: _____
 QUOTE NO.: _____

SAMPLED BY:		ANALYSES														Fax Results? _____ QC w/Results? _____	
NAME																Which regulations apply? NPDES/Wastewater _____ RCRA _____ UST _____ Drinking Water _____ Other _____ None _____	
NAME		# and Type of Containers														COMMENTS	
DATE	TIME	SAMPLE ID/DESCRIPTION	FILTERED	MATRIX	GRAB	COMP	HCl	NaOH	HNO ₃	H ₂ SO ₄	NONE	METHANOL	OTHER	VOC's (82608) PCEM only THF only			
4/21/2	1425	mw7I	N	S	X		Z									X	
	1430	mw7B														X	
	1440	Field Blank #1														X	
	1455	mw8S														X	
	1530	mw8I														X	
	1530	mw8I ap														X	
	1555	mw8B														X	
	1615	mw9S														X	
	1630	mw9I														X	
	1650	mw9B														X	

LAB USE ONLY
 CONDITION OF SAMPLE _____ BOTTLES/TAPS/STOPS _____ VOLATILES FILL OF HEADSPACE (YES/NO) _____ CONTAINERS SUPPLIED BY DATE/TIME/NO. _____ TEMPERATURE UPON RECEIPT _____

RELINQUISHED BY: <u>K. Lowe</u>	DATE: <u>4/23</u>	TIME: _____	RECEIVED BY: <u>[Signature]</u>	DATE: <u>4-23-02</u>	TIME: _____	RELINQUISHED BY: <u>[Signature]</u>	DATE: <u>4-23-02</u>	TIME: <u>11:32</u>	RECEIVED FOR LAB BY: <u>[Signature]</u>
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METHOD OF SHIPMENT: _____ REMARKS: _____
 TestAmerica Courier _____
 Client _____
 Common Carrier _____

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

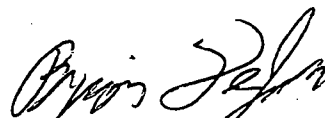
05/01/2002

Job No: 02.03634

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The following samples were received by TestAmerica for analysis:is:

Sample Number	Sample Description	Date Taken	Date Received
478418	00133999 Trip Blank 1764 Stoughton	04/22/2002	04/23/2002
478419	00133111 MW3S 1764 Stoughton	04/22/2002	04/23/2002
478420	00133112 MW3D 1764 Stoughton	04/22/2002	04/23/2002
478421	00133113 MW3B 1764 Stoughton	04/22/2002	04/23/2002
478422	00133114 MW4S 1764 Stoughton	04/22/2002	04/23/2002
478423	00133115 MW4D 1764 Stoughton	04/22/2002	04/23/2002
478424	00133116 MW5S 1764 Stoughton	04/22/2002	04/23/2002
478425	00133117 MW5D 1764 Stoughton	04/22/2002	04/23/2002
478426	00133117 MW5D Dup. 1764 Stoughton	04/22/2002	04/23/2002
478427	00133118 MW7S 1764 Stoughton	04/22/2002	04/23/2002
478428	00133119 MW7I 1764 Stoughton	04/22/2002	04/23/2002
478429	00133120 MW7B 1764 Stoughton	04/22/2002	04/23/2002
478430	00133997 Field Blank 1764 Stoughton	04/22/2002	04/23/2002
478431	00133121 MW8S 1764 Stoughton	04/22/2002	04/23/2002
478432	00133122 MW8I 1764 Stoughton	04/22/2002	04/23/2002
478433	00133122 MW8I Dup. 1764 Stoughton	04/22/2002	04/23/2002
478434	00133123 MW8B 1764 Stoughton	04/22/2002	04/23/2002
478435	00133124 MW9S 1764 Stoughton	04/22/2002	04/23/2002
478436	00133125 MW9I 1764 Stoughton	04/22/2002	04/23/2002
478437	00133126 MW9B 1764 Stoughton	04/22/2002	04/23/2002



Brian D. DeJong
Organic Operations Manager

TestAmerica

INCORPORATED

BT2; INC.
Job No: 02.03634

05/01/2002
Page 2 of 31

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
E = TCLP extraction outside of method required temperature range
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits
* = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

Lab Code	Certification Number
008	WDNR - 999766900
009	WDNR - 241293690
060	ILNELAC - 100221; WDNR - 999447130
070	IA - 007; MDH - 019-999-319; WDNR - 999917270
130	WDNR - 632021390
147	WDNR - 721026460
300	FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430
400	WDNR - 113133790
510	WDNR - 241249360
700	WDNR - 113289110

TestAmerica Watertown WDNR ID: 128053530; IDNR ID: 294; MDH ID: 055-999-366

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/01/2002
 Job No: 02.03634
 Sample No: 478418
 Account No: 10100
 Page 3 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133999 Trip Blank 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/22/2002 08:00

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	04/30/2002	mae		3680
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	04/30/2002	mae		3680
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/01/2002
 Job No: 02.03634
 Sample No: 478418
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133999 Trip Blank 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/22/2002 08:00

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	1913	
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	04/30/2002	mae	3680	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	04/30/2002	mae	3680	
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	04/30/2002	mae	3680	
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680	
Surr: Dibromofluoromethane	100.4	%		86-123	SW 8260B	04/30/2002	mae	3680	
Surr: Toluene-d8	99.4	%		89-108	SW 8260B	04/30/2002	mae	3680	
Surr: Bromofluorobenzene	100.4	%		84-113	SW 8260B	04/30/2002	mae	3680	

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478419
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133111 MW3S 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 10:00

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	1913
Surr: Dibromofluoromethane	99.2	%		86-123	SW 8260B	04/30/2002	mae	3680
Surr: Toluene-d8	99.2	%		89-108	SW 8260B	04/30/2002	mae	3680
Surr: Bromofluorobenzene	100.2	%		84-113	SW 8260B	04/30/2002	mae	3680

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ANALYTICAL REPORT

Mr. Steven Smith
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Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478420
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133112 MW3D 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 10:10

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680
Tetrahydrofuran	100	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	1913
Surr: Dibromofluoromethane	100.0	%		86-123	SW 8260B	04/30/2002	mae	3680
Surr: Toluene-d8	99.4	%		89-108	SW 8260B	04/30/2002	mae	3680
Surr: Bromofluorobenzene	100.8	%		84-113	SW 8260B	04/30/2002	mae	3680

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Mr. Steven Smith
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Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478421
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133113 MW3B 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 10:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680
Tetrahydrofuran	1.9	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	1913
Surr: Dibromofluoromethane	100.8	%		86-123	SW 8260B	04/30/2002	mae	3680
Surr: Toluene-d8	99.8	%		89-108	SW 8260B	04/30/2002	mae	3680
Surr: Bromofluorobenzene	100.6	%		84-113	SW 8260B	04/30/2002	mae	3680

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Mr. Steven Smith
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05/01/2002
Job No: 02.03634
Sample No: 478422
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133114 MW4S 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 10:50

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Tetrahydrofuran	0.84	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		1913
Surr: Dibromofluoromethane	99.2	†		86-123	SW 8260B	04/30/2002	mae		3680
Surr: Toluene-d8	99.4	†		89-108	SW 8260B	04/30/2002	mae		3680
Surr: Bromofluorobenzene	100.4	†		84-113	SW 8260B	04/30/2002	mae		3680

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Mr. Steven Smith
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2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
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Sample No: 478423
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133115 MW4D 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 11:15

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Tetrahydrofuran	1.5	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		1913
Surr: Dibromofluoromethane	99.2	%		86-123	SW 8260B	04/30/2002	mae		3680
Surr: Toluene-d8	99.2	%		89-108	SW 8260B	04/30/2002	mae		3680
Surr: Bromofluorobenzene	100.4	%		84-113	SW 8260B	04/30/2002	mae		3680

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ANALYTICAL REPORT

Mr. Steven Smith
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2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
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Sample No: 478423
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133115 MW4D 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 11:15

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date	Analyst	Prep/Run
						Analyzed		Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	3680
Tetrahydrofuran	1.5	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae	1913
Surr: Dibromofluoromethane	99.2	%		86-123	SW 8260B	04/30/2002	mae	3680
Surr: Toluene-d8	99.2	%		89-108	SW 8260B	04/30/2002	mae	3680
Surr: Bromofluorobenzene	100.4	%		84-113	SW 8260B	04/30/2002	mae	3680

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Mr. Steven Smith
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Madison, WI 53704-6751

05/01/2002
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Sample No: 478424
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133116 MW55 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 11:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		3680
Tetrahydrofuran	1.3	ug/L	0.25	0.83	SW 8260B	04/30/2002	mae		1913
Surr: Dibromofluoromethane	101.2	%		86-123	SW 8260B	04/30/2002	mae		3680
Surr: Toluene-d8	99.6	%		89-108	SW 8260B	04/30/2002	mae		3680
Surr: Bromofluorobenzene	100.4	%		84-113	SW 8260B	04/30/2002	mae		3680

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Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
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Sample No: 478425
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133117 MWSD 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 11:50

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	5.8	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		3682
Tetrahydrofuran	3.3	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		1915
Surr: Dibromofluoromethane	98.6	‡		86-123	SW 8260B	05/01/2002	mae		3682
Surr: Toluene-d8	100.6	‡		89-108	SW 8260B	05/01/2002	mae		3682
Surr: Bromofluorobenzene	101.4	‡		84-113	SW 8260B	05/01/2002	mae		3682

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Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
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Sample No: 478426
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133117 MW5D Dup. 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 11:50

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	5.9	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrahydrofuran	3.4	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915
Surr: Dibromofluoromethane	99.4	%		86-123	SW 8260B	05/01/2002	mae	3682
Surr: Toluene-d8	99.6	%		89-108	SW 8260B	05/01/2002	mae	3682
Surr: Bromofluorobenzene	100.4	%		84-113	SW 8260B	05/01/2002	mae	3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478427
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133118 MW7S 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 14:00

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		3682
Tetrahydrofuran	0.87	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		1915
Surr: Dibromofluoromethane	99.8	%		86-123	SW 8260B	05/01/2002	mae		3682
Surr: Toluene-d8	100.8	%		89-108	SW 8260B	05/01/2002	mae		3682
Surr: Bromofluorobenzene	100.6	%		84-113	SW 8260B	05/01/2002	mae		3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478428
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133119 MW7I 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 14:25

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		3682
Tetrahydrofuran	1.6	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		1915
Surr: Dibromofluoromethane	101.4	‡		86-123	SW 8260B	05/01/2002	mae		3682
Surr: Toluene-d8	99.4	‡		89-108	SW 8260B	05/01/2002	mae		3682
Surr: Bromofluorobenzene	101.0	‡		84-113	SW 8260B	05/01/2002	mae		3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478429
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133120 MW7B 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 14:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date	Prep/Run
						Analyzed	Analyst
VOC - AQUEOUS - EPA 8260B							
Misc VOC Compounds							
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae 3682
Tetrahydrofuran	1.7	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae 1915
Surr: Dibromofluoromethane	100.0	%		86-123	SW 8260B	05/01/2002	mae 3682
Surr: Toluene-d8	99.8	%		89-108	SW 8260B	05/01/2002	mae 3682
Surr: Bromofluorobenzene	100.2	%		84-113	SW 8260B	05/01/2002	mae 3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478430
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133997 Field Blank 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 14:40

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromodichloromethane	0.40	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromoform	1.6	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorodibromomethane	1.1	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682

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INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478430
Account No: 10100
Page 17 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133997 Field Blank 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 14:40

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	Batch
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Tetrachloroethene	1.0	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Tetrahydrofuran	0.70	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915	
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682	
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682	
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Surr: Dibromofluoromethane	100.4	µ		86-123	SW 8260B	05/01/2002	mae	3682	
Surr: Toluene-d8	99.8	µ		89-108	SW 8260B	05/01/2002	mae	3682	
Surr: Bromofluorobenzene	100.8	µ		84-113	SW 8260B	05/01/2002	mae	3682	

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478431
Account No: 10100
Page 18 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133121 MW8S 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 14:55

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915
Surr: Dibromofluoromethane	99.8	%		86-123	SW 8260B	05/01/2002	mae	3682
Surr: Toluene-d8	101.2	%		89-108	SW 8260B	05/01/2002	mae	3682
Surr: Bromofluorobenzene	100.8	%		84-113	SW 8260B	05/01/2002	mae	3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478432
Account No: 10100
Page 19 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133122 MW8I 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 15:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682	
Tetrahydrofuran	3.7	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915	
Surr: Dibromofluoromethane	101.2	‡		86-123	SW 8260B	05/01/2002	mae	3682	
Surr: Toluene-d8	99.6	‡		89-108	SW 8260B	05/01/2002	mae	3682	
Surr: Bromofluorobenzene	101.0	‡		84-113	SW 8260B	05/01/2002	mae	3682	

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478433
Account No: 10100
Page 20 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133122 MW8I Dup. 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 15:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		3682
Tetrahydrofuran	3.8	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae		1915
Surr: Dibromofluoromethane	100.8	µ		86-123	SW 8260B	05/01/2002	mae		3682
Surr: Toluene-d8	100.4	µ		89-108	SW 8260B	05/01/2002	mae		3682
Surr: Bromofluorobenzene	101.6	µ		84-113	SW 8260B	05/01/2002	mae		3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478434
Account No: 10100
Page 21 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133123 MW8B 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 15:55

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrahydrofuran	0.38	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915
Surr: Dibromofluoromethane	101.4	%		86-123	SW 8260B	05/01/2002	mae	3682
Surr: Toluene-d8	99.6	%		89-108	SW 8260B	05/01/2002	mae	3682
Surr: Bromofluorobenzene	100.8	%		84-113	SW 8260B	05/01/2002	mae	3682

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INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478435
Account No: 10100
Page 22 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133124 MW9S 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 16:15

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	0.72	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Bromobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromochloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromodichloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromoform	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
sec-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
tert-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Carbon Tetrachloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorodibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroform	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2-Chlorotoluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
4-Chlorotoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromo-3-Chloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromoethane (EDB)	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,4-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dichlorodifluoromethane	91	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,2-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,2-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Di-isopropyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Ethylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682

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INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478435
Account No: 10100
Page 23 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133124 MW9S 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 16:15

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
Hexachlorobutadiene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Isopropylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
p-Isopropyltoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Methylene Chloride	L 1.5	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Methyl-t-butyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Naphthalene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Propylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Styrene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrachloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrahydrofuran	14	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915
Toluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
1,2,3-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,4-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,1-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,2-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Trichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Trichlorofluoromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,3-Trichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,4-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
1,3,5-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Vinyl Chloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Xylenes, Total	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Surr: Dibromofluoromethane	100.6	‡		86-123	SW 8260B	05/01/2002	mae	3682
Surr: Toluene-d8	99.4	‡		89-108	SW 8260B	05/01/2002	mae	3682
Surr: Bromofluorobenzene	100.2	‡		84-113	SW 8260B	05/01/2002	mae	3682

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478436
Account No: 10100
Page 24 of 31

JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133125 MW9I 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 16:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	0.30	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Bromobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromochloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromodichloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromoform	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
sec-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
tert-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Carbon Tetrachloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorodibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroform	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2-Chlorotoluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
4-Chlorotoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromo-3-Chloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromoethane (EDB)	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,4-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dichlorodifluoromethane	67	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,2-Dichloroethene	1.6	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,2-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Di-isopropyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Ethylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478436
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133125 MW9I 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 16:30

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Isopropylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
p-Isopropyltoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Methylene Chloride	L 1.4	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Methyl-t-butyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Naphthalene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Propylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Styrene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrachloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrahydrofuran	7.9	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915
Toluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
1,2,3-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,4-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,1-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,2-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Trichloroethene	0.96	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Trichlorofluoromethane	3.7	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,3-Trichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,4-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
1,3,5-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Vinyl Chloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Xylenes, Total	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Surr: Dibromofluoromethane	100.4	µ		86-123	SW 8260B	05/01/2002	mae	3682
Surr: Toluene-d8	99.0	µ		89-108	SW 8260B	05/01/2002	mae	3682
Surr: Bromofluorobenzene	99.4	µ		84-113	SW 8260B	05/01/2002	mae	3682

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478437
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133126 MW9B 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 16:50

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Bromobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromochloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromodichloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromoform	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Bromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
sec-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
tert-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Carbon Tetrachloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chlorodibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloroform	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Chloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2-Chlorotoluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
4-Chlorotoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromo-3-Chloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dibromoethane (EDB)	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,4-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Dichlorodifluoromethane	4.9	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,2-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,2-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,3-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
2,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
cis-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
trans-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Di-isopropyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Ethylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682

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INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002
Job No: 02.03634
Sample No: 478437
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133126 MW9B 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/22/2002 16:50

Date Received: 04/23/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
Hexachlorobutadiene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Isopropylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
p-Isopropyltoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Methylene Chloride	L 1.7	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Methyl-t-butyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Naphthalene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
n-Propylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Styrene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrachloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Tetrahydrofuran	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	1915
Toluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
1,2,3-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,4-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,1-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,1,2-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Trichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Trichlorofluoromethane	4.4	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,3-Trichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
1,2,4-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
1,3,5-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/01/2002	mae	3682
Vinyl Chloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Xylenes, Total	<0.50	ug/L	0.25	0.83	SW 8260B	05/01/2002	mae	3682
Surr: Dibromofluoromethane	100.4	%		86-123	SW 8260B	05/01/2002	mae	3682
Surr: Toluene-d8	100.0	%		89-108	SW 8260B	05/01/2002	mae	3682
Surr: Bromofluorobenzene	100.2	%		84-113	SW 8260B	05/01/2002	mae	3682

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INCORPORATED

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002

Job No: 02.03634
Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Benzene		3680	<0.10	0.10	0.33	ug/L
Bromobenzene		3680	<0.25	0.25	0.83	ug/L
Bromochloromethane		3680	<0.25	0.25	0.83	ug/L
Bromodichloromethane		3680	<0.25	0.25	0.83	ug/L
Bromoform		3680	<0.25	0.25	0.83	ug/L
Bromomethane		3680	<0.25	0.25	0.83	ug/L
n-Butylbenzene		3680	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		3680	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		3680	<0.25	0.25	0.83	ug/L
Carbon Tetrachloride		3680	<0.25	0.25	0.83	ug/L
Chlorobenzene		3680	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		3680	<0.25	0.25	0.83	ug/L
Chloroethane		3680	<0.25	0.25	0.83	ug/L
Chloroform		3680	<0.25	0.25	0.83	ug/L
Chloromethane		3680	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		3680	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		3680	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		3680	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		3680	<0.25	0.25	0.83	ug/L
Dibromomethane		3680	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		3680	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		3680	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		3680	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		3680	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		3680	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		3680	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		3680	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		3680	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		3680	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		3680	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		3680	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		3680	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		3680	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		3680	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		3680	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		3680	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

TestAmerica

INCORPORATED

QUALITY CONTROL REPORT

BLANKS

05/01/2002

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

Job No: 02.03634
Account No: 10100

Page 29 of 31

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Ethylbenzene		3680	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		3680	<0.25	0.25	0.83	ug/L
Isopropylbenzene		3680	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		3680	<0.25	0.25	0.83	ug/L
Methylene Chloride		3680	0.77	0.25	0.83	ug/L
Methyl-t-butyl ether		3680	<0.25	0.25	0.83	ug/L
Naphthalene		3680	<0.25	0.25	0.83	ug/L
n-Propylbenzene		3680	<0.25	0.25	0.83	ug/L
Styrene		3680	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		3680	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		3680	<0.25	0.25	0.83	ug/L
Tetrachloroethene		3680	<0.25	0.25	0.83	ug/L
Toluene		3680	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		3680	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		3680	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		3680	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		3680	<0.25	0.25	0.83	ug/L
Trichloroethene		3680	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		3680	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		3680	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		3680	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		3680	<0.10	0.10	0.33	ug/L
Vinyl Chloride		3680	<0.25	0.25	0.83	ug/L
Xylenes, Total		3680	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		3680	100.4		86-123	%
Surr: Toluene-d8		3680	100.8		89-108	%
Surr: Bromofluorobenzene		3680	101.2		84-113	%
VOC - AQUEOUS - EPA 8260B						
Benzene		3682	<0.10	0.10	0.33	ug/L
Bromobenzene		3682	<0.25	0.25	0.83	ug/L
Bromochloromethane		3682	<0.25	0.25	0.83	ug/L
Bromodichloromethane		3682	<0.25	0.25	0.83	ug/L
Bromoform		3682	<0.25	0.25	0.83	ug/L
Bromomethane		3682	<0.25	0.25	0.83	ug/L
n-Butylbenzene		3682	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		3682	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		3682	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

05/01/2002

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

Job No: 02.03634
 Account No: 10100

Page 30 of 31

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Carbon Tetrachloride		3682	<0.25	0.25	0.83	ug/L
Chlorobenzene		3682	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		3682	<0.25	0.25	0.83	ug/L
Chloroethane		3682	<0.25	0.25	0.83	ug/L
Chloroform		3682	<0.25	0.25	0.83	ug/L
Chloromethane		3682	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		3682	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		3682	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		3682	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		3682	<0.25	0.25	0.83	ug/L
Dibromomethane		3682	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		3682	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		3682	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		3682	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		3682	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		3682	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		3682	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		3682	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		3682	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		3682	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		3682	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		3682	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		3682	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		3682	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		3682	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		3682	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		3682	<0.25	0.25	0.83	ug/L
Ethylbenzene		3682	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		3682	<0.25	0.25	0.83	ug/L
Isopropylbenzene		3682	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		3682	<0.25	0.25	0.83	ug/L
Methylene Chloride		3682	0.95	0.25	0.83	ug/L
Methyl-t-butyl ether		3682	<0.25	0.25	0.83	ug/L
Naphthalene		3682	<0.25	0.25	0.83	ug/L
n-Propylbenzene		3682	<0.25	0.25	0.83	ug/L
Styrene		3682	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		3682	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

TestAmerica

INCORPORATED

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

05/01/2002

Job No: 02.03634
Account No: 10100

Page 31 of 31

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
1,1,2,2-Tetrachloroethane		3682	<0.25	0.25	0.83	ug/L
Tetrachloroethene		3682	<0.25	0.25	0.83	ug/L
Toluene		3682	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		3682	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		3682	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		3682	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		3682	<0.25	0.25	0.83	ug/L
Trichloroethene		3682	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		3682	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		3682	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		3682	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		3682	<0.10	0.10	0.33	ug/L
Vinyl Chloride		3682	<0.25	0.25	0.83	ug/L
Xylenes, Total		3682	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		3682	99.4		86-123	%
Surr: Toluene-d8		3682	99.4		89-108	%
Surr: Bromofluorobenzene		3682	100.0		84-113	%
Misc VOC Compounds						
Tetrahydrofuran		1913	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		1915	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

02.03.79 13. of 2

TestAmerica

INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone: 920-261-1660
Fax: 920-261-8120

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

Client Name: BT² Inc. Client #: _____
Address: 2830 Dairy Dr.
City/State/Zip Code: Madison WI 53718
Project Manager: J. Kucher
Telephone Number: 224-2830 Fax: 224-2839
Sampler Name: (Print Name) S. Smith
Sampler Signature: A. Arnold

Project Name: Stoughton City L.F.
Project #: #1764
Site/Location ID: Stoughton State: WI
Report To: S. Smith - BT²
Invoice To: S. Smith - BT²
Quote # 00-0159 Revised 7/24/00 PO#: _____

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								Analyze For:	QC Deliverables None <input checked="" type="checkbox"/> Level 2 (Batch QC) Level 3 Level 4 Other: _____	REMARKS			
						HNO ₃	HCl	NaOH	H ₂ SO ₄	Methanol	None	Other (Specify)							
Trip Blank	4/23/02	0800	G	N	GW	2													
MW10S		1030																	
MW10I		1040																	
MW10I Dup		1040																	
MW10D		1045																	
MW13S		1115																	
MW13I		1120																	
MW13D		1125																	
Field Blank #2		1140																	
MW14S		1230																	

Special Instructions: _____

Relinquished By: <u>K. Row</u>	Date: <u>4/24</u>	Time: _____	Received By: <u>[Signature]</u>	Date: <u>4/24/02</u>	Time: <u>10:30</u>
Relinquished By: <u>[Signature]</u>	Date: <u>4/24/02</u>	Time: <u>15:30</u>	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By: <u>[Signature]</u>	Date: <u>4/26/02</u>	Time: <u>1:50</u>

LABORATORY COMMENTS:
Init Lab Temp: INC
Rec Lab Temp: _____
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment: [Signature]

AV 4/26/02



Watertown Division
602 Commerce Drive
Watertown, WI 53094
Phone: 920-261-1660
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: BT2 Client #: _____
Address: _____
City/State/Zip Code: _____
Project Manager: See ps #2
Telephone Number: #1764 Fax: _____
Sampler Name: (Print Name) _____
Sampler Signature: _____

Project Name: Stoughton City L.F.
Project #: 1764
Site/Location ID: _____ State: _____
Report To: _____
Invoice To: _____
Quote #: _____ PO#: _____

TAT	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix		Preservation & # of Containers										Analyze For:	QC Deliverables						
					SL - Sludge	DW - Drinking Water	GH	GL	GW	HNO3	HCl	NaOH	H2SO4	Methanol	Stems	Other (Specify)		None	Level 2 (Batch QC)	Level 3	Level 4	Other		
<input type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)																								
Date Needed: _____																								
Fax Results: Y N																								
SAMPLE ID																								REMARKS
MW14I	4/23/02	1240	G	Z	GW	Z														X				
MW14D		1310																		X				
MW15S		1335																		X				
MW15I		1350																		X				
MW15D		1430																		X				
Special Instructions:													LABORATORY COMMENTS:											
Relinquished By: <u>Kobayashi</u>	Date: <u>4/24/02</u>	Time: _____	Received By: <u>[Signature]</u>	Date: <u>4/24/02</u>	Time: <u>10:30</u>	Custody Seals: Y N <u>N/A</u>						Bottles Supplied by TestAmerica: <u>Y</u>												
Relinquished By: <u>[Signature]</u>	Date: <u>4/24/02</u>	Time: <u>6:30</u>	Received By: _____	Date: _____	Time: _____	Method of Shipment: _____						INITIALS												
Relinquished By: _____	Date: _____	Time: _____	Received By: <u>[Signature]</u>	Date: <u>4/24/02</u>	Time: <u>10:50</u>	MAY 13 2002																		

FR 4/26/02

FILE COPY

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

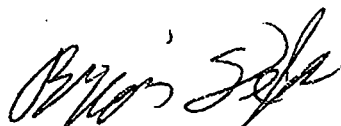
05/06/2002

Job No: 02.03749

Page 1 of 30

The following samples were received by TestAmerica for analysis:is:

Sample Number	Sample Description	Date Taken	Date Received
478797	00133999 Trip Blank 1764 Stoughton	04/23/2002	04/24/2002
478798	00133127 MW10S 1764 Stoughton LF	04/23/2002	04/24/2002
478799	00133128 MW10I 1764 Stoughton LF	04/23/2002	04/24/2002
478800	00133128 MW10I Dup 1764 Stoughton LF	04/23/2002	04/24/2002
478801	00133129 MW10D 1764 Stoughton LF	04/23/2002	04/24/2002
478802	00133130 MW13S 1764 Stoughton LF	04/23/2002	04/24/2002
478803	00133131 MW13I 1764 Stoughton LF	04/23/2002	04/24/2002
478804	00133132 MW13D 1764 Stoughton LF	04/23/2002	04/24/2002
478805	00133997 Field Blank 1764 Stoughton	04/23/2002	04/24/2002
478806	00133133 MW14S 1764 Stoughton	04/23/2002	04/24/2002
478807	00133134 MW14I 1764 Stoughton	04/23/2002	04/24/2002
478808	00133135 MW14D 1764 Stoughton	04/23/2002	04/24/2002
478809	00133136 MW15S 1764 Stoughton	04/23/2002	04/24/2002
478810	00133137 MW15I 1764 Stoughton	04/23/2002	04/24/2002
478811	00133138 MW15D 1764 Stoughton	04/23/2002	04/24/2002



Brian D. DeJong
Organic Operations Manager

BT2, INC.
Job No: 02.03749

05/06/2002
Page 2 of 30

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
E = TCLP extraction outside of method required temperature range
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits
* = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

Lab Code	Certification Number
008	WDNR - 999766900
009	WDNR - 241293690
060	ILNELAC - 100221; WDNR - 999447130
070	IA - 007; MDH - 019-999-319; WDNR - 999917270
130	WDNR - 632021390
147	WDNR - 721026460
300	FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430
400	WDNR - 113133790
510	WDNR - 241249360
700	WDNR - 113289110

TestAmerica Watertown WDNR ID: 128053530; IDNR ID: 294; MDH ID: 055-999-366

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478797
 Account No: 10100
 Page 3 of 30

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133999 Trip Blank 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 08:00

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	0.17	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478797
 Account No: 10100
 Page 4 of 30

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133999 Trip Blank 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 08:00

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Methylene Chloride	23	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Tetrahydrofuran	2.5	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1923
Toluene	0.52	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Xylenes, Total	0.42	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Surr: Dibromofluoromethane	102.6	‡		86-123	SW 8260B	05/02/2002	mae	3690
Surr: Toluene-d8	99.6	‡		89-108	SW 8260B	05/02/2002	mae	3690
Surr: Bromofluorobenzene	100.0	‡		84-113	SW 8260B	05/02/2002	mae	3690

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478798
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City-Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133127 MW10S 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 10:30

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run Batch
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Dichlorodifluoromethane	0.47	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133127 MW10S 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 10:30

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Tetrahydrofuran	20	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1923
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Surr: Dibromofluoromethane	101.4	‡		86-123	SW 8260B	05/02/2002	mae	3690
Surr: Toluene-d8	99.0	‡		89-108	SW 8260B	05/02/2002	mae	3690
Surr: Bromofluorobenzene	99.8	‡		84-113	SW 8260B	05/02/2002	mae	3690

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478799
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133128 MW10I 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 10:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Benzene	0.23	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae		3690
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae		3690
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Dichlorodifluoromethane	110	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,1-Dichloroethane	0.65	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
cis-1,2-Dichloroethene	1.7	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3690

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478799
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133128 MW10I 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 10:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Tetrachloroethene	2.4	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Tetrahydrofuran	7.7	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1923
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Trichloroethene	1.6	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3690
Vinyl Chloride	0.77	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3690
Surr: Dibromofluoromethane	104.6	†		86-123	SW 8260B	05/02/2002	mae	3690
Surr: Toluene-d8	98.8	†		89-108	SW 8260B	05/02/2002	mae	3690
Surr: Bromofluorobenzene	101.4	†		84-113	SW 8260B	05/02/2002	mae	3690

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478800
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133128 MW10I Dup 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 10:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	0.22	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Dichlorodifluoromethane	110	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloroethane	0.68	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
cis-1,2-Dichloroethene	1.7	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichloropropane	0.33	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133128 MW10I Dup 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 10:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Methylene Chloride	L 0.51	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrachloroethene	2.4	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrahydrofuran	7.5	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1924
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Trichloroethene	1.6	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
Vinyl Chloride	0.86	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Surr: Dibromofluoromethane	104.8	μ		86-123	SW 8260B	05/02/2002	mae	3691
Surr: Toluene-d8	97.6	μ		89-108	SW 8260B	05/02/2002	mae	3691
Surr: Bromofluorobenzene	100.8	μ		84-113	SW 8260B	05/02/2002	mae	3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133129 MW10D 1764 Stoughton LF.
 Rec'd on ice.

Date/Time Taken: 04/23/2002 10:45

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1924
Surr: Dibromofluoromethane	104.2	%		86-123	SW 8260B	05/02/2002	mae	3691
Surr: Toluene-d8	98.6	%		89-108	SW 8260B	05/02/2002	mae	3691
Surr: Bromofluorobenzene	100.0	%		84-113	SW 8260B	05/02/2002	mae	3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133130 MW13S 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 11:15

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3691
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		1924
Surr: Dibromofluoromethane	103.0	%		86-123	SW 8260B	05/02/2002	mae		3691
Surr: Toluene-d8	98.6	%		89-108	SW 8260B	05/02/2002	mae		3691
Surr: Bromofluorobenzene	100.4	%		84-113	SW 8260B	05/02/2002	mae		3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133131 MW13I 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 11:20

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	0.80	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		3691
Tetrahydrofuran	9.9	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae		1924
Surr: Dibromofluoromethane	104.6	%		86-123	SW 8260B	05/02/2002	mae		3691
Surr: Toluene-d8	97.2	%		89-108	SW 8260B	05/02/2002	mae		3691
Surr: Bromofluorobenzene	99.2	%		84-113	SW 8260B	05/02/2002	mae		3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133132 MW13D 1764 Stoughton LF
 Rec'd on ice

Date/Time Taken: 04/23/2002 11:25

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	0.61	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrahydrofuran	9.3	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1924
Surr: Dibromofluoromethane	105.6	‡		86-123	SW 8260B	05/02/2002	mae	3691
Surr: Toluene-d8	97.6	‡		89-108	SW 8260B	05/02/2002	mae	3691
Surr: Bromofluorobenzene	101.0	‡		84-113	SW 8260B	05/02/2002	mae	3691

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Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133997 Field Blank 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 11:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromodichloromethane	0.37	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromoform	1.2	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chlorodibromomethane	0.88	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133997 Field Blank 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 11:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst Batch	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrachloroethene	1.4	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrahydrofuran	0.52	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1924
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Surr: Dibromofluoromethane	103.8	†		86-123	SW 8260B	05/02/2002	mae	3691
Surr: Toluene-d8	97.8	†		89-108	SW 8260B	05/02/2002	mae	3691
Surr: Bromofluorobenzene	99.6	†		84-113	SW 8260B	05/02/2002	mae	3691

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Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002
 Job No: 02.03749
 Sample No: 478806
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133133 MW14S 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 12:30

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
Bromobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromochloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromodichloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromoform	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Bromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
n-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
sec-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
tert-Butylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Carbon Tetrachloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chlorodibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloroform	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Chloromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
2-Chlorotoluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
4-Chlorotoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dibromo-3-Chloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dibromoethane (EDB)	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Dibromomethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,3-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,4-Dichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Dichlorodifluoromethane	98	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
cis-1,2-Dichloroethene	0.52	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
trans-1,2-Dichloroethene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,3-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
2,2-Dichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
cis-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
trans-1,3-Dichloropropene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Di-isopropyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Ethylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133133 MW14S 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 12:30

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Isopropylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
p-Isopropyltoluene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Methylene Chloride	L 1.7	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Methyl-t-butyl ether	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Naphthalene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
n-Propylbenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Styrene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrachloroethene	5.0	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Tetrahydrofuran	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	1924
Toluene	<0.20	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
1,2,3-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,4-Trichlorobenzene	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,1-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,1,2-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Trichloroethene	3.9	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Trichlorofluoromethane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,3-Trichloropropane	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
1,2,4-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
1,3,5-Trimethylbenzene	<0.20	ug/L	0.10	0.33	SW 8260B	05/02/2002	mae	3691
Vinyl Chloride	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Xylenes, Total	<0.50	ug/L	0.25	0.83	SW 8260B	05/02/2002	mae	3691
Surr: Dibromofluoromethane	103.8	%		86-123	SW 8260B	05/02/2002	mae	3691
Surr: Toluene-d8	98.2	%		89-108	SW 8260B	05/02/2002	mae	3691
Surr: Bromofluorobenzene	100.0	%		84-113	SW 8260B	05/02/2002	mae	3691

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Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133134 MW14I 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 12:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	0.39	ug/L	0.10	0.33	SW 8260B	05/03/2002	mae	3699
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/03/2002	mae	3699
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Dichlorodifluoromethane	96	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
cis-1,2-Dichloroethene	1.1	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Ethylbenzene	0.95	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699

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 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133134 MW14I 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 12:40

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Naphthalene	0.27	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Tetrachloroethene	2.3	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Tetrahydrofuran	2.4	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	1932	
Toluene	0.30	ug/L	0.10	0.33	SW 8260B	05/03/2002	mae	3699	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Trichloroethene	3.6	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
1,2,4-Trimethylbenzene	1.1	ug/L	0.10	0.33	SW 8260B	05/03/2002	mae	3699	
1,3,5-Trimethylbenzene	0.28	ug/L	0.10	0.33	SW 8260B	05/03/2002	mae	3699	
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Xylenes, Total	4.1	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Surr: Dibromofluoromethane	99.8	‡		86-123	SW 8260B	05/03/2002	mae	3699	
Surr: Toluene-d8	97.0	‡		89-108	SW 8260B	05/03/2002	mae	3699	
Surr: Bromofluorobenzene	100.2	‡		84-113	SW 8260B	05/03/2002	mae	3699	

ANALYTICAL REPORT

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 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133135 MW14D 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 13:10

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699	
Tetrahydrofuran	0.47	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	1932	
Surr: Dibromofluoromethane	103.4	%		86-123	SW 8260B	05/03/2002	mae	3699	
Surr: Toluene-d8	96.8	%		89-108	SW 8260B	05/03/2002	mae	3699	
Surr: Bromofluorobenzene	99.8	%		84-113	SW 8260B	05/03/2002	mae	3699	

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133136 MW15S 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 13:35

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	Batch
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae		3691
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae		1924
Surr: Dibromofluoromethane	106.0	‡		86-123	SW 8260B	05/03/2002	mae		3691
Surr: Toluene-d8	96.8	‡		89-108	SW 8260B	05/03/2002	mae		3691
Surr: Bromofluorobenzene	100.4	‡		84-113	SW 8260B	05/03/2002	mae		3691

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INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53704-6751

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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00133137 MW15I 1764 Stoughton
Rec'd on ice

Date/Time Taken: 04/23/2002 13:50

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	3699
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae	1932
Surr: Dibromofluoromethane	99.2	%		86-123	SW 8260B	05/03/2002	mae	3699
Surr: Toluene-d8	97.2	%		89-108	SW 8260B	05/03/2002	mae	3699
Surr: Bromofluorobenzene	99.8	%		84-113	SW 8260B	05/03/2002	mae	3699

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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 Sample No: 478811
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00133138 MW15D 1764 Stoughton
 Rec'd on ice

Date/Time Taken: 04/23/2002 14:30

Date Received: 04/24/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae		3699
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	05/03/2002	mae		1932
Surr: Dibromofluoromethane	99.0	‡		86-123	SW 8260B	05/03/2002	mae		3699
Surr: Toluene-d8	97.6	‡		89-108	SW 8260B	05/03/2002	mae		3699
Surr: Bromofluorobenzene	100.4	‡		84-113	SW 8260B	05/03/2002	mae		3699

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002

Job No: 02.03749
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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Benzene		3690	<0.10	0.10	0.33	ug/L
Bromobenzene		3690	<0.25	0.25	0.83	ug/L
Bromochloromethane		3690	<0.25	0.25	0.83	ug/L
Bromodichloromethane		3690	<0.25	0.25	0.83	ug/L
Bromoform		3690	<0.25	0.25	0.83	ug/L
Bromomethane		3690	<0.25	0.25	0.83	ug/L
n-Butylbenzene		3690	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		3690	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		3690	<0.25	0.25	0.83	ug/L
Carbon Tetrachloride		3690	<0.25	0.25	0.83	ug/L
Chlorobenzene		3690	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		3690	<0.25	0.25	0.83	ug/L
Chloroethane		3690	<0.25	0.25	0.83	ug/L
Chloroform		3690	<0.25	0.25	0.83	ug/L
Chloromethane		3690	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		3690	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		3690	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		3690	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		3690	<0.25	0.25	0.83	ug/L
Dibromomethane		3690	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		3690	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		3690	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		3690	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		3690	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		3690	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		3690	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		3690	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		3690	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		3690	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		3690	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		3690	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		3690	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		3690	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		3690	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		3690	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		3690	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

05/06/2002

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Ethylbenzene		3690	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		3690	<0.25	0.25	0.83	ug/L
Isopropylbenzene		3690	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		3690	<0.25	0.25	0.83	ug/L
Methylene Chloride		3690	1.03	0.25	0.83	ug/L
Methyl-t-butyl ether		3690	<0.25	0.25	0.83	ug/L
Naphthalene		3690	<0.25	0.25	0.83	ug/L
n-Propylbenzene		3690	<0.25	0.25	0.83	ug/L
Styrene		3690	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		3690	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		3690	<0.25	0.25	0.83	ug/L
Tetrachloroethene		3690	<0.25	0.25	0.83	ug/L
Toluene		3690	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		3690	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		3690	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		3690	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		3690	<0.25	0.25	0.83	ug/L
Trichloroethene		3690	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		3690	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		3690	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		3690	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		3690	<0.10	0.10	0.33	ug/L
Vinyl Chloride		3690	<0.25	0.25	0.83	ug/L
Xylenes, Total		3690	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		3690	102.0		86-123	%
Surr: Toluene-d8		3690	98.8		89-108	%
Surr: Bromofluorobenzene		3690	100.4		84-113	%
VOC - AQUEOUS - EPA 8260B						
Benzene		3691	<0.10	0.10	0.33	ug/L
Bromobenzene		3691	<0.25	0.25	0.83	ug/L
Bromochloromethane		3691	<0.25	0.25	0.83	ug/L
Bromodichloromethane		3691	<0.25	0.25	0.83	ug/L
Bromoform		3691	<0.25	0.25	0.83	ug/L
Bromomethane		3691	<0.25	0.25	0.83	ug/L
n-Butylbenzene		3691	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		3691	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		3691	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

05/06/2002

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

Job No: 02.03749
 Account No: 10100

Page 27 of 30

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Carbon Tetrachloride		3691	<0.25	0.25	0.83	ug/L
Chlorobenzene		3691	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		3691	<0.25	0.25	0.83	ug/L
Chloroethane		3691	<0.25	0.25	0.83	ug/L
Chloroform		3691	<0.25	0.25	0.83	ug/L
Chloromethane		3691	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		3691	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		3691	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		3691	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		3691	<0.25	0.25	0.83	ug/L
Dibromomethane		3691	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		3691	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		3691	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		3691	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		3691	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		3691	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		3691	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		3691	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		3691	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		3691	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		3691	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		3691	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		3691	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		3691	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		3691	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		3691	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		3691	<0.25	0.25	0.83	ug/L
Ethylbenzene		3691	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		3691	<0.25	0.25	0.83	ug/L
Isopropylbenzene		3691	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		3691	<0.25	0.25	0.83	ug/L
Methylene Chloride		3691	1.06	0.25	0.83	ug/L
Methyl-t-butyl ether		3691	<0.25	0.25	0.83	ug/L
Naphthalene		3691	<0.25	0.25	0.83	ug/L
n-Propylbenzene		3691	<0.25	0.25	0.83	ug/L
Styrene		3691	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		3691	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

05/06/2002

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

Job No: 02.03749
 Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
1,1,2,2-Tetrachloroethane		3691	<0.25	0.25	0.83	ug/L
Tetrachloroethene		3691	<0.25	0.25	0.83	ug/L
Toluene		3691	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		3691	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		3691	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		3691	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		3691	<0.25	0.25	0.83	ug/L
Trichloroethene		3691	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		3691	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		3691	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		3691	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		3691	<0.10	0.10	0.33	ug/L
Vinyl Chloride		3691	<0.25	0.25	0.83	ug/L
Xylenes, Total		3691	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		3691	104.8		86-123	%
Surr: Toluene-d8		3691	97.4		89-108	%
Surr: Bromofluorobenzene		3691	98.6		84-113	%
VOC - AQUEOUS - EPA 8260B						
Benzene		3699	<0.10	0.10	0.33	ug/L
Bromobenzene		3699	<0.25	0.25	0.83	ug/L
Bromochloromethane		3699	<0.25	0.25	0.83	ug/L
Bromodichloromethane		3699	<0.25	0.25	0.83	ug/L
Bromoform		3699	<0.25	0.25	0.83	ug/L
Bromomethane		3699	<0.25	0.25	0.83	ug/L
n-Butylbenzene		3699	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		3699	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		3699	<0.25	0.25	0.83	ug/L
Carbon Tetrachloride		3699	<0.25	0.25	0.83	ug/L
Chlorobenzene		3699	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		3699	<0.25	0.25	0.83	ug/L
Chloroethane		3699	<0.25	0.25	0.83	ug/L
Chloroform		3699	<0.25	0.25	0.83	ug/L
Chloromethane		3699	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		3699	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		3699	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		3699	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		3699	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002

Job No: 02.03749
 Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Dibromomethane		3699	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		3699	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		3699	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		3699	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		3699	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		3699	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		3699	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		3699	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		3699	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		3699	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		3699	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		3699	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		3699	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		3699	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		3699	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		3699	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		3699	<0.25	0.25	0.83	ug/L
Ethylbenzene		3699	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		3699	<0.25	0.25	0.83	ug/L
Isopropylbenzene		3699	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		3699	<0.25	0.25	0.83	ug/L
Methylene Chloride		3699	0.63	0.25	0.83	ug/L
Methyl-t-butyl ether		3699	<0.25	0.25	0.83	ug/L
Naphthalene		3699	<0.25	0.25	0.83	ug/L
n-Propylbenzene		3699	<0.25	0.25	0.83	ug/L
Styrene		3699	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		3699	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		3699	<0.25	0.25	0.83	ug/L
Tetrachloroethene		3699	<0.25	0.25	0.83	ug/L
Toluene		3699	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		3699	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		3699	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		3699	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		3699	<0.25	0.25	0.83	ug/L
Trichloroethene		3699	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		3699	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		3699	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53704-6751

05/06/2002

Job No: 02.03749
 Account No: 10100

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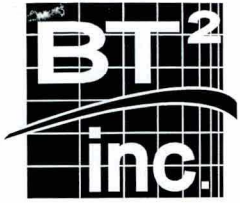
Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
1,2,4-Trimethylbenzene		3699	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		3699	<0.10	0.10	0.33	ug/L
Vinyl Chloride		3699	<0.25	0.25	0.83	ug/L
Xylenes, Total		3699	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		3699	104.0		86-123	%
Surr: Toluene-d8		3699	97.0		89-108	%
Surr: Bromofluorobenzene		3699	99.2		84-113	%
Misc VOC Compounds						
Tetrahydrofuran		1923	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		1924	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		1932	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

ATTACHMENT B

**Groundwater Monitoring Data Certification Form
(with exceedances report)**



June 6, 2002

Ms. Kathy Thompson
WDNR
101 South Webster Street SW/3
P.O. Box 7921
Madison, WI 53707-7921

**SUBJECT: Environmental Monitoring Data Certification Form
Stoughton City Landfill
FID # 113005950 - License #133
BT² Project #1764**

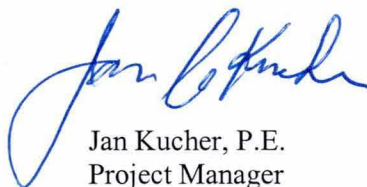
Dear Ms. Thompson:

I have enclosed the Environmental Monitoring Data Certification Form along with the exceedance notification and data disk for the Stoughton City Landfill site for the April 2002 sampling event.


A copy of the Environmental Monitoring Data Certification Form along with the exceedance notification will also be sent to the WDNR Regional Office, attention to Mr. Michael Schmoller.

If you have any questions or need additional information, please call us at (608) 224-2830.

Sincerely,
BT², Inc.



Jan Kucher, P.E.
Project Manager



Steven B. Smith
Environmental Specialist

Attachment: Exceedance Notification
April 2002 Data Disk

cc: Mike Schmoller, WDNR

i:\1764\reports\gw reports\020411kt_ltr.doc

Attachment 5
GROUNDWATER MONITORING DATA CERTIFICATION

Note: Two data certification pages and two copies of any exceedance notification and explanation must be prepared for *each* license number included on the diskette. One copy of each must be mailed to the WDNR Central Office with the diskette, the second copies must be mailed to the WDNR Regional Office for the region in which the facility is located.

Check here to indicate that a copy of this page (and a copy of the exceedance notification letter, if any) was mailed to the DNR Regional Office.

The enclosed diskette contains data for the following facility or facilities:

License No. Facility ID No. Facility Name Sample Results for Month(s) of:

133

~~113005950~~

~~Stoughton City~~

April 2002

133005950

Landfill



Check one of the following:

- An exceedance notification and explanation *is attached*.
- An exceedance notification *is not attached* because there are no exceedances to report.

To the best of my knowledge, the information reported and the statements made on this diskette and enclosures are true and correct. *Furthermore, per ss. NR 140.24(1)(a) and 507.30, Wis. Adm. Code, I have attached notification of enforcement standard, preventive action limit, or alternative concentration limit exceedances, if any, which includes a list of the wells at which the exceedances occurred and a preliminary analysis of the cause and significance of the concentration.*

Steve B. Amid
Signature

6/6/02
Date

Environmental Specialist
Title

NR 140 Exceedance Summary (By Well)

Site ID: 133
 Site Name: Stoughton City Landfill
 Reporting Period: April 2002

Well	Parameter	Result	PAL	ES	Exceedance Type
MW10I	Dichloromethane (ug/l)	0.51 JB	0.5	5	PAL
	Tetrachloroethylene (ug/l)	2.4 B	0.5	5	PAL
	Tetrachloroethylene (ug/l)	2.4 B	0.5	5	PAL
	Trichloroethylene (ug/l)	1.6	0.5	5	PAL
	Trichloroethylene (ug/l)	1.6	0.5	5	PAL
	Vinyl chloride (ug/l)	0.86	0.02	0.2	ES
	Vinyl chloride (ug/l)	0.77 J	0.02	0.2	ES
MW10S	Tetrahydrofuran (ug/l)	20 B	10	50	PAL
MW14I	Tetrachloroethylene (ug/l)	2.3 B	0.5	5	PAL
	Trichloroethylene (ug/l)	3.6	0.5	5	PAL
MW14S	Dichloromethane (ug/l)	1.7 B	0.5	5	PAL
	Tetrachloroethylene (ug/l)	5 B	0.5	5	PAL
	Trichloroethylene (ug/l)	3.9	0.5	5	PAL
MW3D	Tetrahydrofuran (ug/l)	100 B	10	50	ES
MW9B	Dichloromethane (ug/l)	1.7 B	0.5	5	PAL
MW9I	Dichloromethane (ug/l)	1.4 B	0.5	5	PAL
	Trichloroethylene (ug/l)	0.96	0.5	5	PAL
MW9S	Benzene (ug/l)	0.72	0.5	5	PAL
	Dichloromethane (ug/l)	1.5 B	0.5	5	PAL
	Tetrahydrofuran (ug/l)	14 B	10	50	PAL

J Result is an estimated value below the laboratory's limit of quantitation.

B Compound detected in QC blank.

P Did not meet required preservation or hold time.

M Failed method QC check.

* PAL or ES is Alternative Concentration Limit.

NR 140 Exceedance Summary (By Parameter)

Site ID: 133
 Site Name: Stoughton City Landfill
 Reporting Period: April 2002

Parameter	Well	Result	PAL	ES	Exceedance Type
Benzene (ug/l)	MW9S	0.72	0.5	5	PAL
Dichloromethane (ug/l)	MW10I	0.51 JB	0.5	5	PAL
	MW14S	1.7 B	0.5	5	PAL
	MW9B	1.7 B	0.5	5	PAL
	MW9I	1.4 B	0.5	5	PAL
	MW9S	1.5 B	0.5	5	PAL
Tetrachloroethylene (ug/l)	MW10I	2.4 B	0.5	5	PAL
	MW10I	2.4 B	0.5	5	PAL
	MW14I	2.3 B	0.5	5	PAL
	MW14S	5 B	0.5	5	PAL
Tetrahydrofuran (ug/l)	MW10S	20 B	10	50	PAL
	MW3D	100 B	10	50	ES
	MW9S	14 B	10	50	PAL
Trichloroethylene (ug/l)	MW10I	1.6	0.5	5	PAL
	MW10I	1.6	0.5	5	PAL
	MW14I	3.6	0.5	5	PAL
	MW14S	3.9	0.5	5	PAL
	MW9I	0.96	0.5	5	PAL
Vinyl chloride (ug/l)	MW10I	0.86	0.02	0.2	ES
	MW10I	0.77 J	0.02	0.2	ES

J Result is an estimated value below the laboratory's limit of quantitation.

B Compound detected in blank.

P Did not meet required preservation and/or hold time.

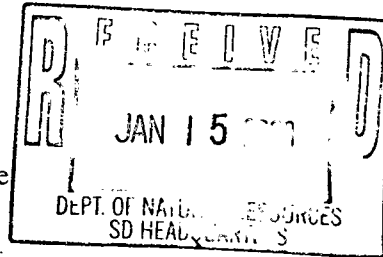
M Failed method QC check.

* PAL or ES is an Alternative Concentration Limit.



January 14, 2003

Mr. Michael Schmoller
WDNR South Central Region Office
3911 Fish Hatchery Road
Fitchburg, WI 53711



**SUBJECT: Semi-Annual Groundwater Monitoring Report
November 2002 Monitoring Event
Stoughton City Landfill
WDNR Purchase Order #NMC00000112
FID # 113005950 - License #133
WDNR Project # J-036-02
BT² Project #1764**

Dear Mr. Schmoller:

This letter provides the Semi-Annual Groundwater Monitoring Report for the November 2002 monitoring event for the Stoughton City Landfill site. We conducted the groundwater monitoring well sampling at the site on November 19 and 20, 2002. A diskette with the electronic data file is being submitted to Kathy Thompson in the WDNR Central Office, along with the Groundwater Monitoring Data Certification Form. The semi-annual groundwater monitoring events are scheduled for April and November of each year.

Scope and Methods

The objectives of the groundwater monitoring are:

- Monitor the movement of the Tetrahydrofuran (THF) and Dichlorodifluoromethane (DCDFM) plumes semi-annually to evaluate the effects of natural attenuation and the landfill cap on the plumes.
- Reevaluate the site groundwater quality five years after placement of the landfill cap (placed in 1998, due in 2003) and compare the results against the initial baseline groundwater monitoring analytical results. Repeat this evaluation every five years until the THF and DCDFM plumes fall below the PALs.

The field procedures and the groundwater sampling were performed in accordance with the Quality Assurance Project Plan (QAPP) Revision 0 submitted to the WDNR on September 15, 2000. The groundwater samples were analyzed by TestAmerica, Inc. of Watertown, WI for DCDFM and THF. Additionally, wells that showed detections above the PAL's for VOC compounds other than DCDFM and THF from the August 28, 2000 sampling event were analyzed for the full VOC list by EPA Method 8260B. The laboratory methods are shown on the laboratory reports in **Attachment A**. A copy of the laboratory's Standard Operating Procedures (SOP) is included in the QAPP.

Groundwater Analytical Results

Table 1 is a summary of analytical results for the groundwater monitoring at the site. Field parameter results are summarized in **Table 2**. The original analytical and quality control report are enclosed as **Attachment A**. A summary of NR 140 standard exceedances is provided in **Attachment B**.

Quality Assurance

The analytical reports included qualifier flags for some samples:

- 2,2-Dichloropropane was flagged with the "C" qualifier for standard outside of control limits on the following samples: Trip Blank (11/19/02), MW9S, MW9S Duplicate, and MW9I. This compound was not detected in any of the groundwater samples.
- Methylene chloride was flagged with the "L" qualifier as a common lab solvent and contaminant on the following samples: Trip Blank (11/19/02), Trip Blank (11/20/02), MW9S, MW9S Duplicate, MW9I, MW9B, Field Blank #1, MW10S, MW10I, MW14S, and MW14I. Concentrations ranged from 0.36 $\mu\text{g/L}$ to 2.6 $\mu\text{g/L}$. The Quality Control Report Blanks for Run Batch 4402 (Trip Blank 11/19/02, MW9S, MW9S Duplicate, MW9I) for methylene chloride had a result of 0.95 $\mu\text{g/L}$, Run Batch 4409 (Trip Blank 11/20/02, MW14I) had a result of 0.41 $\mu\text{g/L}$. The site historical analytical data, summarized on Table 3 of the QAPP, show no detections for methylene chloride above the PAL.

The Trip Blanks from November 19 and 20, 2002 had VOC detections as follows:

- Toluene at 0.17 $\mu\text{g/L}$ (November 19) and 0.49 $\mu\text{g/L}$ (November 20).
- Methylene chloride at 0.49 $\mu\text{g/L}$ (November 19) and 2.6 $\mu\text{g/L}$ (November 20)
- 1,2,4-Trimethylbenzene at 0.13 $\mu\text{g/L}$ (November 20)
- Total xylenes at 0.34 $\mu\text{g/L}$ (November 20)

It should be noted that all the historical site data was analyzed by the U.S. EPA Contract Laboratory Program (CLP) Routine Analytical Services (RAS) using the Low/Medium Concentration Organic Target Compound List (TCL) and Contract Required Quantitation Limits (CRQL) of 10 $\mu\text{g/l}$. The current analytical laboratory, TestAmerica, Inc., provides detection limits ranging for SW 8260B Volatile Organic Compounds (VOCs) ranging from 0.10 $\mu\text{g/l}$ for chlorodibromomethane to 1.9 $\mu\text{g/l}$ for tetrahydrofuran.

Target Compounds at the Shallow Monitoring Wells

Ten shallow monitoring wells were analyzed for either the full list of VOC's by Method 8260B or for DCDFM and THF only by Method 8260B. Analytical results and historical ranges for the current sampling event are summarized on **Table 3**.

Target Compounds at the Intermediate and Deep Monitoring Wells

Seventeen intermediate and deep monitoring wells were analyzed for either the full list of VOC's by Method 8260B or for DCDFM and THF only by Method 8260B. Analytical results and historical ranges for the current sampling event are summarized on **Table 3**.

Other Volatile Organic Compounds Detected

The following VOCs, in addition to DCDFM and THF, were detected above the PAL or ES:

Tetrachloroethene	MW10I at 2.3 $\mu\text{g/L}$, MW14S at 6.2 $\mu\text{g/L}$, MW14I at 2.0 $\mu\text{g/L}$ (PAL of 0.5 $\mu\text{g/L}$)
Trichloroethene	MW14S at 4.1 $\mu\text{g/L}$, MW14I at 3.7 $\mu\text{g/L}$ (PAL of 0.5 $\mu\text{g/L}$)

Several other VOCs were detected at levels below their respective PAL and ES limits (see **Table 1**).

Sampling Plan Deviations

There were no noted deviations from the sampling plan.

Recommendations

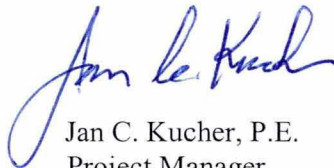
Due to continued PAL exceedances for DCDFM, THF, and several other VOCs, no further changes to the VOC monitoring program are recommended.

A CD-ROM is also enclosed containing a copy of this report as a PDF file. If you have any questions about the results or any other aspect of the project, please call us at (608) 224-2830.

Sincerely,
BT², Inc.



Sherren Clark, P.E., P.G.
Quality Assurance/ Senior Review



Jan C. Kucher, P.E.
Project Manager



Steven B. Smith
Environmental Specialist

Enclosed: CD-ROM
Figure 1 Site map
Table 1 Summary of Analytical Results
Table 2 Summary of Field Parameters
Table 3 Target Compound Detections
Attachment A - Laboratory Analytical Report
Attachment B - Groundwater Monitoring Data Certification Form (with exceedances report)

cc: Mr. Bernard J. Schorle -- U.S. EPA Region V

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TABLES

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
November 2002

Analyte	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MW3S 11/19/02	MW3D 11/19/02	MW3B 11/19/02	MW4S 11/19/02	MW4D 11/19/02	MW5S 11/19/02	MW5D 11/19/02	MW7S 11/19/02	MW7I 11/19/02	MW7B 11/19/02	MW8S 11/19/02	MW8I 11/19/02	MW8B 11/19/02	MW9S 11/19/02	MW9S Dup 11/19/02	MW9I 11/19/02	MW9B 11/19/02	MW4S Dup 11/19/02
Benzene	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	0.31	<0.10	--
Bromobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Bromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Bromodichloromethane	0.6	0.06	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Bromoform	4.4	0.44	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Bromomethane	10	1	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Carbon Tetrachloride	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Chlorodibromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Chloroethane	400	80	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Chloroform	6	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Chloromethane	3	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	1.1	--
2-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	<0.10	<0.10	--
4-Chlorotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2-Dibromo-3-Chloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2-Dibromoethane (EDB)	0.05	0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Dibromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2-Dichlorobenzene	600	60	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,3-Dichlorobenzene	1,250	125	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,4-Dichlorobenzene	75	15	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.25	0.66	5.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	96	130	5.7	<0.25
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2-Dichloroethane	7	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
cis-1,2-Dichloroethene	70	7	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	1.7	<0.25	--
trans-1,2-Dichloroethene	100	20	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2-Dichloropropane	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,3-Dichloropropane	0.2	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
2,2-Dichloropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,1-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Di-isopropyl ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Ethylbenzene	700	140	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Methylene Chloride	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	0.65	1.0	1.8	0.6	--
Methyl-tert-butyl ether	60	12	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Naphthalene	40	8	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
November 2002

Analyte	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MW3S 11/19/02	MW3D 11/19/02	MW3B 11/19/02	MW4S 11/19/02	MW4D 11/19/02	MW5S 11/19/02	MW5D 11/19/02	MW7S 11/19/02	MW7I 11/19/02	MW7B 11/19/02	MW8S 11/19/02	MW8I 11/19/02	MW8B 11/19/02	MW9S 11/19/02	MW9S Dup 11/19/02	MW9I 11/19/02	MW9B 11/19/02	MW4S Dup 11/19/02
Styrene	100	10	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,1,1,2-Tetrachloroethane	70	7	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Tetrachloroethene	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Tetrahydrofuran	50	10	2.1	61	1.9	1.8	2.3	1.9	3.5	2.1	3.4	2.3	2.2	3.7	0.97	4.4	6.5	8.2	2.2	<0.25
Toluene	1,000	200	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	<0.10	<0.10	--
1,2,3-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2,4-Trichlorobenzene	70	14	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,1,1-Trichloroethane	200	40	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,1,2-Trichloroethane	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Trichloroethene	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	0.95	<0.25	--
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	4.6	3.7	--
1,2,3-Trichloropropane	60	12	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
1,2,4-Trimethylbenzene	480	96	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	<0.10	<0.10	--
1,3,5-Trimethylbenzene			--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	<0.10	<0.10
Vinyl Chloride	0.2	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Xylenes, Total	10,000	1,000	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--
Lab Notes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
November 2002

Parameter (µg/l)	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MW10S 11/19/02	MW10I 11/19/02	MW10D 11/19/02	MW13S 11/20/02	MW13I 11/20/02	MW13D 11/20/02	MW14S 11/20/02	MW14I 11/20/02	MW14D 11/20/02	MW15S 11/20/02	MW15I 11/20/02	MW15D 11/20/02	Field Blank #1 11/19/02	Field Blank #2 11/20/02	Trip Blank 11/19/02	Trip Blank 11/20/02
Benzene	5	0.5	<0.10	<0.10	--	--	--	--	<0.10	0.37	--	--	--	--	<0.10	--	<0.10	<0.10
Bromobenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Bromochloromethane	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Bromodichloromethane	0.6	0.06	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Bromoform	4.4	0.44	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	0.27	--	<0.25	<0.25
Bromomethane	10	1	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
n-Butylbenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
sec-Butylbenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
tert-Butylbenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Carbon Tetrachloride	5	0.5	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Chlorobenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Chlorodibromomethane	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	0.42	--	<0.25	<0.25
Chloroethane	400	80	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Chloroform	6	0.6	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	0.44	--	<0.25	<0.25
Chloromethane	3	0.3	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
2-Chlorotoluene	--	--	<0.10	<0.10	--	--	--	--	<0.10	<0.10	--	--	--	--	<0.10	--	<0.10	<0.10
4-Chlorotoluene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2-Dibromo-3-Chloropropane	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2-Dibromoethane (EDB)	0.05	0.005	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Dibromomethane	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2-Dichlorobenzene	600	60	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,3-Dichlorobenzene	1,250	125	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,4-Dichlorobenzene	75	15	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Dichlorodifluoromethane	1,000	200	18	130	<0.25	0.27	1.9	0.32	160	86	<0.25	3.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,1-Dichloroethane	--	--	<0.25	0.59	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2-Dichloroethane	7	0.7	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,1-Dichloroethene	--	--	<0.25	<0.25	--	--	--	--	<0.25	0.34	--	--	--	--	<0.25	--	<0.25	<0.25
cis-1,2-Dichloroethene	70	7	0.38	1.7	--	--	--	--	0.57	1.3	--	--	--	--	<0.25	--	<0.25	<0.25
trans-1,2-Dichloroethene	100	20	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2-Dichloropropane	5	0.5	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,3-Dichloropropane	0.2	0.02	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
2,2-Dichloropropane	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,1-Dichloropropene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
cis-1,3-Dichloropropene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
trans-1,3-Dichloropropene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Di-isopropyl ether	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Ethylbenzene	700	140	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Hexachlorobutadiene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Isopropylbenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
p-Isopropyltoluene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Methylene Chloride	5	0.5	0.36	1.1	--	--	--	--	0.43	1.4	--	--	--	--	1.1	--	0.49	2.6
Methyl-tert-butyl ether	60	12	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Naphthalene	40	8	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
n-Propylbenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25

Table 1
Summary of Analytical Results
Stoughton City Landfill
BT² Project #1764
- November 2002

Parameter (µg/l)	Enforcement Standard (µg/l)	Preventive Action Limit (µg/l)	MW10S 11/19/02	MW10I 11/19/02	MW10D 11/19/02	MW13S 11/20/02	MW13I 11/20/02	MW13D 11/20/02	MW14S 11/20/02	MW14I 11/20/02	MW14D 11/20/02	MW15S 11/20/02	MW15I 11/20/02	MW15D 11/20/02	Field Blank #1 11/19/02	Field Blank #2 11/20/02	Trip Blank 11/19/02	Trip Blank 11/20/02
Styrene	100	10	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,1,1,2-Tetrachloroethane	70	7	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Tetrachloroethene	5	0.5	<0.25	2.3	--	--	--	--	6.2	2.0	--	--	--	--	<0.25	--	<0.25	<0.25
Tetrahydrofuran	50	10	3.5	11	3.1	4.0	16	1.4	2.8	3.5	3.7	3.3	3.6	3.0	2.6	4.4	<0.25	<0.25
Toluene	1,000	200	<0.10	<0.10	--	--	--	--	<0.10	<0.10	--	--	--	--	<0.10	--	0.17	0.49
1,2,3-Trichlorobenzene	--	--	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2,4-Trichlorobenzene	70	14	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,1,1-Trichloroethane	200	40	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,1,2-Trichloroethane	5	0.5	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
Trichloroethene	5	0.5	<0.25	1.7	--	--	--	--	4.1	3.7	--	--	--	--	<0.25	--	<0.25	<0.25
Trichlorofluoromethane	--	--	<0.25	1.1	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	<0.25
1,2,3-Trichloropropane	60	12	<0.25	<0.25	--	--	--	--	2.4	2.0	--	--	--	--	<0.25	--	<0.25	<0.25
1,2,4-Trimethylbenzene	480	96	<0.10	<0.10	--	--	--	--	<0.10	<0.10	--	--	--	--	<0.10	--	<0.10	0.13
1,3,5-Trimethylbenzene			<0.10	<0.10	--	--	--	--	--	<0.10	<0.10	--	--	--	--	<0.10	--	<0.10
Vinyl Chloride	0.2	0.02	<0.25	0.71	--	--	--	--	<0.25	<0.10	--	--	--	--	<0.10	--	<0.10	<0.25
Xylenes, Total	10,000	1,000	<0.25	<0.25	--	--	--	--	<0.25	<0.25	--	--	--	--	<0.25	--	<0.25	0.34
Lab Notes	--	--	--	--	--	--	--	--	(1)	(1)	--	--	--	--	(1)	--	(1)	(1)

LABORATORY NOTES:

(1) Methylene chloride - Common lab solvent and contaminant.

NOTE:

Bold values exceed NR 140 enforcement standards.

Dashed result indicates the parameter was not analyzed.

By: TLR 12/11/02

Checked: SS 12/16/02

Table 2
 Summary of Field Parameters
 Semi-Annual Groundwater Report
 Stoughton City Landfill
 BT² Project #1764
 November 2002

Monitoring Well Number	Sampling Date	Depth to Water (ft.)	Total Depth (ft.)	Total Volume Purged (gal.)	Temperature (°C)	Dissolved Oxygen (ppm)	pH (standard units)	Specific Conductivity (µs/cm)	Turbidity
MW3S	11/19/02	10.52	19.4	4.3	11.0	3.0	7.31	465	Moderate
MW3D	11/19/02	10.40	73.0	30.0	10.7	4.0	7.35	625	None
MW3B	11/19/02	11.52	95.2	40.1	10.8	4.0	7.00	819	None
MW4S	11/19/02	7.81	15.2	3.5	11.0	7.0	7.20	521	Slight
MW4D	11/19/02	7.70	74.0	31.8	11.0	5.0	7.40	555	None
MW5S	11/19/02	7.74	16.6	4.2	10.9	1.0	7.03	1,250	Moderate
MW5D	11/19/02	7.60	77.0	33.3	10.7	1.0	7.09	907	None
MW7S	11/19/02	3.73	15.1	5.4	10.8	2.0	7.40	653	Slight
MW7I	11/19/02	1.00	59.95	28.3	10.8	3.0	6.97	326	None
MW7B	11/19/02	0	—	Self Purging	10.7	2.0	7.30	419	None
MW8S	11/19/02	1.62	33.0	15.1	10.6	6.0	7.03	507	None
MW8I	11/19/02	1.61	62.45	38.9	11.0	6.0	6.95	597	None
MW8B	11/19/02	2.40	84.3	17.8	11.0	7.0	7.31	458	None
MW9S	11/19/02	2.66	30.1	5.2	10.7	2.0	7.09	562	Slight
MW9I	11/19/02	3.00	47.3	8.9	10.6	2.0	6.89	986	None
MW9B	11/19/02	2.72	83.4	38.7	10.8	2.0	6.97	262	None
MW10S	11/19/02	3.41	16.9	6.5	10.8	4.0	6.90	347	Slight
MW10I	11/19/02	0	39.8	Self Purging	11.0	3.0	7.25	625	None
MW10D	11/19/02	0	86.6	Self Purging	10.8	3.0	7.15	458	None
MW13S	11/20/02	3.57	16.75	6.3	11.0	3.0	6.95	986	Slight
MW13I	11/20/02	0	51.5	Self Purging	11.1	3.0	6.90	680	None
MW13D	11/20/02	0	95.6	Self Purging	10.9	2.0	6.92	764	None
MW14S	11/20/02	4.40	26.2	10.5	10.7	1.0	7.13	1,403	None
MW14I	11/20/02	3.00	51.2	23.1	11.2	3.5	7.29	1,097	None
MW14D	11/20/02	2.75	89.6	41.7	11.1	2.0	7.03	903	None
MW15S	11/20/02	5.21	16.6	5.5	10.9	4.0	7.25	569	None
MW15I	11/20/02	2.70	57.4	26.2	10.7	5.0	7.33	542	None
MW15D	11/20/02	2.71	85.9	39.9	10.7	3.0	7.21	562	None

By: SS 12/16/02

Checked: JK 12/27/02

Table 3
Target Compound Detections
Stoughton City Landfill
BT² Project #1764
November 2002

Shallow Monitoring Wells				
Well	Current Event Concentration (µg/l)		Historical Range (µg/l)	
	DCDFM	THF	DCDFM	THF
MW3S	ND	2.1	ND	ND
MW4S	ND	1.8	ND	ND-0.84
MW5S	0.66	1.9	0.47-5.2	ND
MW7S	ND	2.1	ND	0.87
MW8S	ND	2.2	ND	ND
MW9S	100	4.4	91-400	4.4-22
MW10S	18	3.5	ND-20	ND-20
MW13S	0.27	4.0	ND	ND
MW14S	160	2.8	18-710	ND-50
MW15S	3.3	ND	ND	ND-0.76

Intermediate and Deep Monitoring Wells				
Well	Current Event Concentration (µg/l)		Historical Range (µg/l)	
	DCDFM	THF	DCDFM	THF
MW3D	ND	61	ND	53-310
MW3B	ND	1.9	ND	ND-1.9
MW4D	ND	2.3	ND	ND-1.5
MW5D	5.1	3.5	3.3-10	2.6-4.0
MW7I	ND	3.4	ND	ND-1.6
MW7B	ND	2.3	ND	ND-1.7
MW8I	ND	3.7	ND	3.5-20
MW8B	ND	0.97	ND	ND
MW9I	130	8.2	67-340	5.3-12
MW9B	5.7	2.2	4.9-6.5	ND
MW10I	130	11	110-280	5.1-21
MW10D	ND	3.1	ND	ND
MW13I	1.9	16	ND-2.0	9.9-22
MW13D	0.32	1.4	ND-0.61	ND-9.3
MW14I	86	3.5	96-590	ND-2.4
MW14D	ND	3.7	ND-1.5	ND-0.47
MW15I	ND	3.6	ND	ND
MW15D	ND	3.0	ND	ND

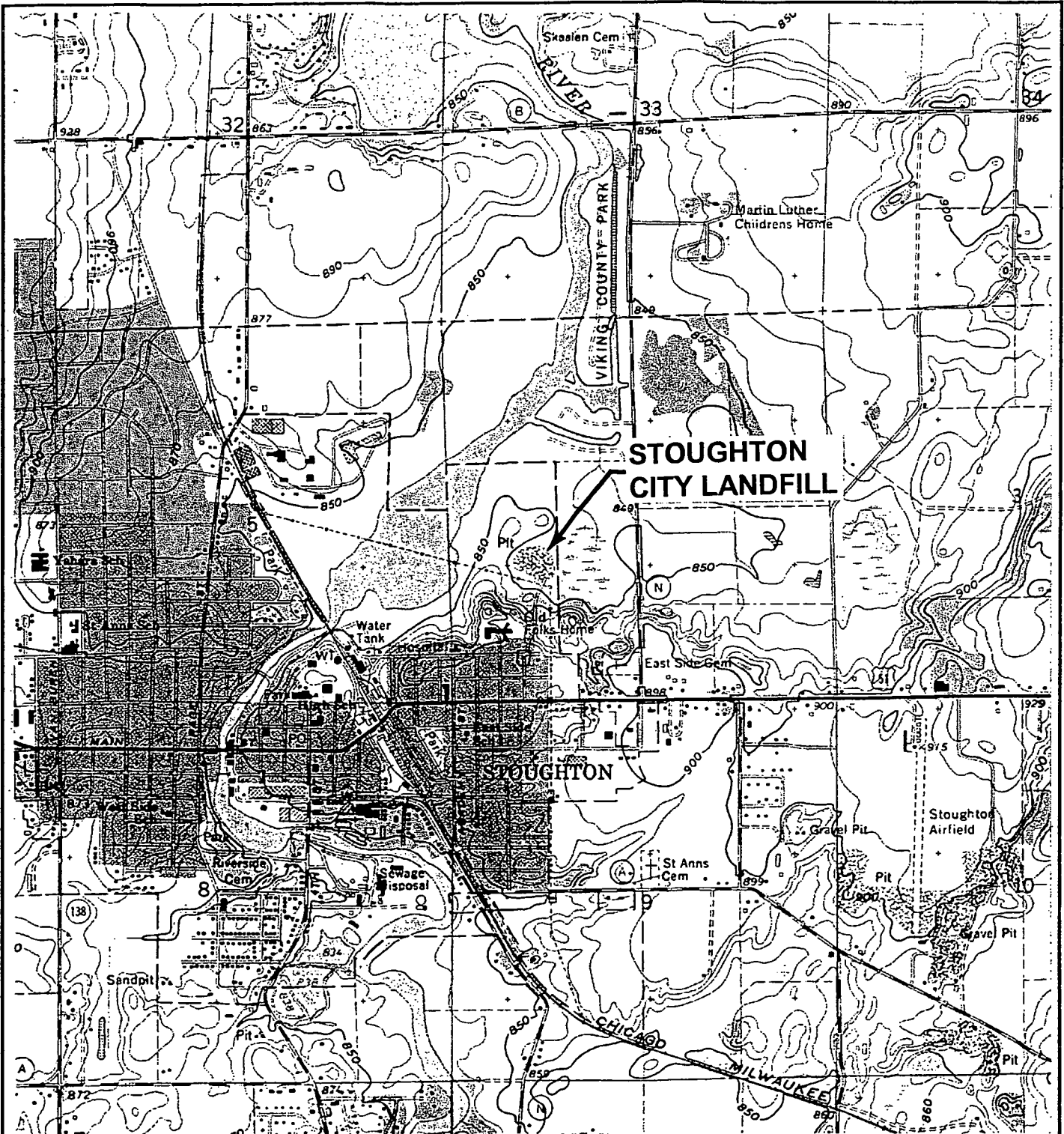
NOTES:

- DCDFM is dichlorodifluoromethane; THF is tetrahydrofuran.
- ND = No detections.
- DCDFM PAL = 200 µg/l, ES = 1,000 µg/l; THF PAL = 10 µg/l, ES = 50 µg/l.
- Historical range includes 4 rounds of sampling performed by BT² (8/00, 4/01, 11/01, 4/02) and two rounds performed by Roy F. Weston in April 1998 and April 1999.
- Data from Roy F. Weston is summarized on Table 3 of the QAPP submitted September 2000.

By: SS 12/16/02

Checked: JK 12/27/02

FIGURES



STOUGHTON CITY LANDFILL

STOUGHTON, WIS.
 NW/4 STOUGHTON 15' QUADRANGLE
 N4252.5—W8907.5/7.5

1961

PHOTOREVISED 1982

DMA 3169 I NW—SERIES V861



UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



QUADRANGLE LOCATION

PROJECT NO. 1764
DRAWN BY: KP
CHECKED BY: SS
DRAWN: 08/02/00
SCALE: 1" = 2,000'

FIGURE 1
 SITE LOCATION MAP
 STOUGHTON CITY LANDFILL
 STOUGHTON, WISCONSIN



ATTACHMENT A

Laboratory Analytical Results



Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone: 920-261-1660
Fax: 920-261-8120

02.11496

Pg. 2 of 2

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

Client Name BTZ Client # _____

Address: _____
City/State/Zip Code: _____
Project Manager: See pg. 1
Telephone Number: #1764 Fax: _____
Sampler Name: (Print Name) _____
Sampler Signature: _____

Project Name: Stoughton
Project #: 1764
Site/Location ID: _____ State: _____
Report To: _____
Invoice To: _____
Quote #: 00.0159 PO#: _____

TAT Standard Rush (surcharges may apply)	Date Needed:	Fax Results: Y N	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 ₂ SO ₄ Methanol None Other (Specify)	Analyze For:	QC Deliverables None <input checked="" type="checkbox"/> Level 2 (Batch QC) Level 3 Level 4 Other: _____	REMARKS	
			11/20/02	1500	G	N	GW					
			↓	1435	↓	↓	↓					
									VOCs (82608) THF + ODFM only			
									X			
									X			

Special Instructions: _____

Relinquished By: K. Howe Date: 11/21 Time: _____ Received By: Ranva Colon Date: 11/21 Time: 10:00
Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____
Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: 11/21 Time: 1:00

LABORATORY COMMENTS:
Init Lab Temp: 21.1 C
Rec Lab Temp: _____
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment: TN

A-11/25/02

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

12/05/2002

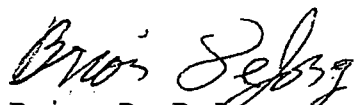
Job No: 02.11496

Page 1 of 21

The following samples were received by TestAmerica for analysis:

1764 Stoughton City Landfill

Sample Number	Sample Description	Date Taken	Date Received
506411	Trip Blank	11/20/2002	11/21/2002
506412	MW13S	11/20/2002	11/21/2002
506413	MW13I	11/20/2002	11/21/2002
506414	MW13D	11/20/2002	11/21/2002
506415	MW14S	11/20/2002	11/21/2002
506416	MW14S Dup	11/20/2002	11/21/2002
506417	MW14I	11/20/2002	11/21/2002
506418	MW14D	11/20/2002	11/21/2002
506419	Field Blank	11/20/2002	11/21/2002
506420	MW15S	11/20/2002	11/21/2002
506421	MW15I	11/20/2002	11/21/2002
506422	MW15D	11/20/2002	11/21/2002


Brian D. DeJong
Organic Operations Manager

BT2, INC.
Job No: 02.11496

12/05/2002
Page 2 of 21

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
E = TCLP extraction outside of method required temperature range
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits
* = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

Lab Code	Certification Number
008	WDNR - 999766900
009	WDNR - 241293690
020	WDNR - 999447680
030	ILNELAC - 100230; WDNR - 998294430
060	ILNELAC - 100221; WDNR - 999447130
070	IA - 007; ILNELAC - 000668; MDH - 019-999-319; WDNR - 999917270
130	WDNR - 632021390
147	WDNR - 721026460
300	FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430
400	WDNR - 113133790
510	WDNR - 241249360
700	WDNR - 113289110

TestAmerica Watertown WDNR - 128053530; IDNR - 294; MDH - 055-999-366; ND - R-046

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506411
 Account No: 10100
 Page 3 of 21

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Trip Blank
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 08:00

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506411
 Account No: 10100
 Page 4 of 21

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Trip Blank
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 08:00

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Methylene Chloride	L. 2.6	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2643
Toluene	0.49	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
1,2,4-Trimethylbenzene	0.13	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Xylenes, Total	0.34	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Surr: Dibromofluoromethane	99	%		80-120	SW 8260B	12/02/2002	mae	4409
Surr: Toluene-d8	96	%		86-112	SW 8260B	12/02/2002	mae	4409
Surr: Bromofluorobenzene	102	%		91-110	SW 8260B	12/02/2002	mae	4409

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW13S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 11:30

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	0.27	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Tetrahydrofuran	4.0	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2642
Surr: Dibromofluoromethane	100	%		80-120	SW 8260B	12/02/2002	mae		4408
Surr: Toluene-d8	99	%		86-112	SW 8260B	12/02/2002	mae		4408
Surr: Bromofluorobenzene	98	%		91-110	SW 8260B	12/02/2002	mae		4408

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506413
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW13I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 11:40

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	1.9	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Tetrahydrofuran	16	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2642
Surr: Dibromofluoromethane	99	%		80-120	SW 8260B	12/02/2002	mae	4408
Surr: Toluene-d8	100	%		86-112	SW 8260B	12/02/2002	mae	4408
Surr: Bromofluorobenzene	95	%		91-110	SW 8260B	12/02/2002	mae	4408

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW13D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 11:50

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	0.32	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Tetrahydrofuran	1.4	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2642
Surr: Dibromofluoromethane	100	%		80-120	SW 8260B	12/02/2002	mae		4408
Surr: Toluene-d8	99	%		86-112	SW 8260B	12/02/2002	mae		4408
Surr: Bromofluorobenzene	97	%		91-110	SW 8260B	12/02/2002	mae		4408

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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 Job No: 02.11496
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW14S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 12:30

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Dichlorodifluoromethane	160	ug/L	0.25	0.83	SW 8260B	12/03/2002	mae	4414
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
cis-1,2-Dichloroethene	0.57	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408

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 2830 Dairy Drive
 Madison, WI 53718

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW14S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 12:30

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Methylene Chloride	L 0.43	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Tetrachloroethene	6.2	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Tetrahydrofuran	2.8	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2642
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Trichloroethene	4.1	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2,3-Trichloropropane	2.4	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Surr: Dibromofluoromethane	103	%		80-120	SW 8260B	12/02/2002	mae	4408
Surr: Toluene-d8	102	%		86-112	SW 8260B	12/02/2002	mae	4408
Surr: Bromofluorobenzene	100	%		91-110	SW 8260B	12/02/2002	mae	4408

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 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW14S Dup
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 12:30

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	160	ug/L	0.25	0.83	SW 8260B	12/03/2002	mae		4414
Tetrahydrofuran	3.1	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2642
Surr: Dibromofluoromethane	101	%		80-120	SW 8260B	12/02/2002	mae		4408
Surr: Toluene-d8	99	%		86-112	SW 8260B	12/02/2002	mae		4408
Surr: Bromofluorobenzene	100	%		91-110	SW 8260B	12/02/2002	mae		4408

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Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW14I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 13:30

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Benzene	0.37	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae		4409
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae		4409
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Dichlorodifluoromethane	86	ug/L	0.25	0.83	SW 8260B	12/04/2002	mae		4418
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,1-Dichloroethene	0.34	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
cis-1,2-Dichloroethene	1.3	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409

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Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW14I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 13:30

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Methylene Chloride	L 1.4	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Tetrachloroethene	2.0	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Tetrahydrofuran	3.5	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2643	
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Trichloroethene	3.7	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,2,3-Trichloropropane	2.0	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409	
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4409	
Vinyl Chloride	0.59	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409	
Surr: Dibromofluoromethane	100	µ		80-120	SW 8260B	12/02/2002	mae	4409	
Surr: Toluene-d8	96	µ		86-112	SW 8260B	12/02/2002	mae	4409	
Surr: Bromofluorobenzene	102	µ		91-110	SW 8260B	12/02/2002	mae	4409	

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506418
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW14D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 12:55

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4409
Tetrahydrofuran	3.7	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2643
Surr: Dibromofluoromethane	99	%		80-120	SW 8260B	12/02/2002	mae	4409
Surr: Toluene-d8	97	%		86-112	SW 8260B	12/02/2002	mae	4409
Surr: Bromofluorobenzene	103	%		91-110	SW 8260B	12/02/2002	mae	4409

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506419
 Account No: 10100
 Page 14 of 21

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Field Blank
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 13:40

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Tetrahydrofuran	4.4	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2643
Surr: Dibromofluoromethane	101	µ		80-120	SW 8260B	12/02/2002	mae		4409
Surr: Toluene-d8	96	µ		86-112	SW 8260B	12/02/2002	mae		4409
Surr: Bromofluorobenzene	101	µ		91-110	SW 8260B	12/02/2002	mae		4409

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506420
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW15S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 13:55

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Tetrahydrofuran	3.3	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2643
Surr: Dibromofluoromethane	100	%		80-120	SW 8260B	12/02/2002	mae		4409
Surr: Toluene-d8	97	%		86-112	SW 8260B	12/02/2002	mae		4409
Surr: Bromofluorobenzene	104	%		91-110	SW 8260B	12/02/2002	mae		4409

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506421
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW15I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 15:00

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Tetrahydrofuran	3.6	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2643
Surr: Dibromofluoromethane	101	%		80-120	SW 8260B	12/02/2002	mae		4409
Surr: Toluene-d8	96	%		86-112	SW 8260B	12/02/2002	mae		4409
Surr: Bromofluorobenzene	103	%		91-110	SW 8260B	12/02/2002	mae		4409

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002
 Job No: 02.11496
 Sample No: 506422
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW15D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/20/2002 14:35

Date Received: 11/21/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4409
Tetrahydrofuran	3.0	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		2643
Surr: Dibromofluoromethane	100	%		80-120	SW 8260B	12/02/2002	mae		4409
Surr: Toluene-d8	96	%		86-112	SW 8260B	12/02/2002	mae		4409
Surr: Bromofluorobenzene	103	%		91-110	SW 8260B	12/02/2002	mae		4409

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002

Job No: 02.11496
 Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Benzene		4408	<0.10	0.10	0.33	ug/L
Bromobenzene		4408	<0.25	0.25	0.83	ug/L
Bromochloromethane		4408	<0.25	0.25	0.83	ug/L
Bromodichloromethane		4408	<0.25	0.25	0.83	ug/L
Bromoform		4408	<0.25	0.25	0.83	ug/L
Bromomethane		4408	<0.25	0.25	0.83	ug/L
n-Butylbenzene		4408	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		4408	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		4408	<0.25	0.25	0.83	ug/L
Carbon Tetrachloride		4408	<0.25	0.25	0.83	ug/L
Chlorobenzene		4408	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		4408	<0.25	0.25	0.83	ug/L
Chloroethane		4408	<0.25	0.25	0.83	ug/L
Chloroform		4408	<0.25	0.25	0.83	ug/L
Chloromethane		4408	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		4408	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		4408	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		4408	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		4408	<0.25	0.25	0.83	ug/L
Dibromomethane		4408	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		4408	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		4408	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		4408	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		4408	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		4408	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		4408	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		4408	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		4408	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		4408	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		4408	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		4408	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		4408	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		4408	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		4408	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/05/2002

Job No: 02.11496
 Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Ethylbenzene		4408	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		4408	<0.25	0.25	0.83	ug/L
Isopropylbenzene		4408	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		4408	<0.25	0.25	0.83	ug/L
Methylene Chloride		4408	<0.25	0.25	0.83	ug/L
Methyl-t-butyl ether		4408	<0.25	0.25	0.83	ug/L
Naphthalene		4408	<0.25	0.25	0.83	ug/L
n-Propylbenzene		4408	<0.25	0.25	0.83	ug/L
Styrene		4408	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		4408	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		4408	<0.25	0.25	0.83	ug/L
Tetrachloroethene		4408	<0.25	0.25	0.83	ug/L
Toluene		4408	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		4408	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		4408	<0.25	0.25	0.83	ug/L
Trichloroethene		4408	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		4408	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		4408	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		4408	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		4408	<0.10	0.10	0.33	ug/L
Vinyl Chloride		4408	<0.25	0.25	0.83	ug/L
Xylenes, Total		4408	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		4408	104.6		80-120	%
Surr: Toluene-d8		4408	101.4		86-112	%
Surr: Bromofluorobenzene		4408	101.8		91-110	%
VOC - AQUEOUS - EPA 8260B						
Benzene		4409	<0.10	0.10	0.33	ug/L
Bromobenzene		4409	<0.25	0.25	0.83	ug/L
Bromochloromethane		4409	<0.25	0.25	0.83	ug/L
Bromodichloromethane		4409	<0.25	0.25	0.83	ug/L
Bromoform		4409	<0.25	0.25	0.83	ug/L
Bromomethane		4409	<0.25	0.25	0.83	ug/L
n-Butylbenzene		4409	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		4409	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		4409	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

12/05/2002

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

Job No: 02.11496
 Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Carbon Tetrachloride		4409	<0.25	0.25	0.83	ug/L
Chlorobenzene		4409	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		4409	<0.25	0.25	0.83	ug/L
Chloroethane		4409	<0.25	0.25	0.83	ug/L
Chloroform		4409	<0.25	0.25	0.83	ug/L
Chloromethane		4409	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		4409	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		4409	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		4409	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		4409	<0.25	0.25	0.83	ug/L
Dibromomethane		4409	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		4409	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		4409	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		4409	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		4409	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		4409	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		4409	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		4409	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		4409	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		4409	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		4409	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		4409	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		4409	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		4409	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		4409	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		4409	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		4409	<0.25	0.25	0.83	ug/L
Ethylbenzene		4409	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		4409	<0.25	0.25	0.83	ug/L
Isopropylbenzene		4409	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		4409	<0.25	0.25	0.83	ug/L
Methylene Chloride		4409	0.41	0.25	0.83	ug/L
Methyl-t-butyl ether		4409	<0.25	0.25	0.83	ug/L
Naphthalene		4409	<0.25	0.25	0.83	ug/L
n-Propylbenzene		4409	<0.25	0.25	0.83	ug/L
Styrene		4409	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		4409	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

12/05/2002

Job No: 02.11496
Account No: 10100

Page 21 of 21

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
1,1,2,2-Tetrachloroethane		4409	<0.25	0.25	0.83	ug/L
Tetrachloroethene		4409	<0.25	0.25	0.83	ug/L
Toluene		4409	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		4409	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		4409	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		4409	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		4409	<0.25	0.25	0.83	ug/L
Trichloroethene		4409	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		4409	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		4409	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		4409	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		4409	<0.10	0.10	0.33	ug/L
Vinyl Chloride		4409	<0.25	0.25	0.83	ug/L
Xylenes, Total		4409	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		4409	99.6		80-120	%
Surr: Toluene-d8		4409	97.2		86-112	%
Surr: Bromofluorobenzene		4409	101.8		91-110	%
VOC - AQUEOUS - EPA 8260B						
Dichlorodifluoromethane		4414	<0.25	0.25	0.83	ug/L
VOC - AQUEOUS - EPA 8260B						
Dichlorodifluoromethane		4418	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		2642	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		2643	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

TestAmerica

INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone: 920-261-1660
Fax: 920-261-8120

02.11454

Pg. 1 of 3

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

Client Name: BT² Inc. Client #: _____

Address: 2830 Dairy Drive

City/State/Zip Code: Madison, WI 53718

Project Manager: J. Kucher

Telephone Number: 224-2830 Fax: 224-2839

Sampler Name: (Print Name) S. Smith

Sampler Signature: A. Smith

Project Name: Stoughton City L.F.

Project #: # 1764

Site/Location ID: Stoughton State: WI

Report To: S. Smith - BT²

Invoice To: S. Smith - BT²

Quote #: 00-0159 PO#: _____

TAT <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)	Date Needed: <u>2 wks</u>	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	Preservation & # of Containers											Analyze For:	QC Deliverables				REMARKS					
							SL - Sludge	DW - Drinking Water	GW - Groundwater	S - Soil/Solid	WW - Wastewater	Specify Other	HNO ₃	HCl	NaOH	H ₂ SO ₄	Methanol		None	Other (Specify)	None	<input checked="" type="checkbox"/> Level 2 (Batch QC)		<input type="checkbox"/> Level 3	<input type="checkbox"/> Level 4	Other:		
Trip Blank		11/9/02	0800	G	N	GW																						
MW35			0945																									
MW30			1025																									
MW3B			0950																									
MW45			1045																									
MW40			1055																									
MW55			1130																									
MW50			1140																									
MW75			1230																									
MW7I			1240																									
Special Instructions:																LABORATORY COMMENTS:												
																Init Lab Temp: <u>On Ice</u>												
																Rec Lab Temp: _____												
Relinquished By: <u>[Signature]</u>		Date: <u>1/12/02</u>		Time: _____		Received By: <u>[Signature]</u>		Date: <u>1/20</u>		Time: <u>8:50</u>		Custom Seals: <u>Y</u> <u>N</u> <u>N/A</u>																
Relinquished By: <u>[Signature]</u>		Date: <u>1/20/02</u>		Time: <u>1440</u>		Received By: _____		Date: _____		Time: _____		Bottles Supplied by TestAmerica: <u>Y</u> <u>N</u>																
Relinquished By: _____		Date: _____		Time: _____		Received By: <u>[Signature]</u>		Date: <u>1/20/02</u>		Time: <u>1625</u>		Method of Shipment: <u>TA</u>																

DEC 4 2002

LABORATORY COPY

Av 11/22/02



Watertown Division
602 Commerce Drive
Watertown, WI 53094

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

0211454

Pg. 2 of 3

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

Client Name: BTJ Client #: _____
Address: _____
City/State/Zip Code: see pg 1 _____
Project Manager: #1764 _____
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) _____
Sampler Signature: _____

Project Name: Stoughton
Project #: 1764
Site/Location ID: _____ State: _____
Report To: _____
Invoice To: _____
Quote #: 00.0159 PO#: _____

TAT Standard Rush (surcharges may apply) Date Needed: Fax Results: Y N	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							Analyze For	QC Deliverables None <input checked="" type="checkbox"/> Level 2 (Batch QC) Level 3 Level 4 Other: _____	REMARKS	
					HNO ₃	HCl	NaOH	H ₂ SO ₄	Methanol	None	Other (Specify)				
	11/19/02	1235	G N	AW		Z									
		1315													
		1330													
		1400													
		1430													
		1430									X				
		1500									X				
	11/19/02	1535									X				Collection time = 15:30
		1250									X				
		1045									X				
Special Instructions:												LABORATORY COMMENTS: Init Lab Temp: <u>DN 1 u</u> Rec Lab Temp: Custody Seals: Y N N/A Bottles Supplied by Test America: Y N Method of Shipment: <u>TA</u>			
Relinquished By: <u>[Signature]</u>	Date: <u>11/20</u>	Time:	Received By: <u>[Signature]</u>	Date: <u>11/20/02</u>	Time: <u>850</u>										
Relinquished By: <u>[Signature]</u>	Date: <u>11/20/02</u>	Time: <u>1440</u>	Received By: <u>[Signature]</u>	Date:	Time:										
Relinquished By:	Date:	Time:	Received By: <u>[Signature]</u>	Date: <u>11/20/02</u>	Time: <u>1625</u>										

AV 11/22/02

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

12/03/2002

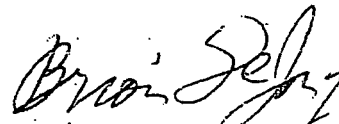
Job No: 02.11454

Page 1 of 40

The following samples were received by TestAmerica for analysis:

1764 Stoughton City Landfill

Sample Number	Sample Description	Date Taken	Date Received
506205	Trip Blank	11/19/2002	11/20/2002
506206	MW3S	11/19/2002	11/20/2002
506207	MW3D	11/19/2002	11/20/2002
506208	MW3B	11/19/2002	11/20/2002
506209	MW4S	11/19/2002	11/20/2002
506210	MW4D	11/19/2002	11/20/2002
506211	MW5S	11/19/2002	11/20/2002
506212	MW5D	11/19/2002	11/20/2002
506213	MW7S	11/19/2002	11/20/2002
506214	MW7I	11/19/2002	11/20/2002
506215	MW7B	11/19/2002	11/20/2002
506216	MW8S	11/19/2002	11/20/2002
506217	MW8I	11/19/2002	11/20/2002
506218	MW8B	11/19/2002	11/20/2002
506219	MW9S	11/19/2002	11/20/2002
506220	MW9S Dup	11/19/2002	11/20/2002
506221	MW9I	11/19/2002	11/20/2002
506222	MW9B	11/19/2002	11/20/2002
506223	Field Blank 1	11/19/2002	11/20/2002
506224	MW4S Dup	11/19/2002	11/20/2002



Brian D. DeJong
Organic Operations Manager

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

12/03/2002

Job No: 02.11454

Page 2 of 40

The following samples were received by TestAmerica for analysis:

1764 Stoughton City Landfill

Sample Number	Sample Description	Date Taken	Date Received
506225	MW10S	11/18/2002	11/20/2002
506226	MW10I	11/18/2002	11/20/2002
506227	MW10D	11/18/2002	11/20/2002


Brian D. DeJong
Organic Operations Manager

BT2, INC.
Job No: 02.11454

12/03/2002
Page 3 of 40

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

- A = Analyzed/extracted past hold time
- B = Blank is contaminated
- C = Standard outside of control limits
- D = Diluted for analysis
- E = TCLP extraction outside of method required temperature range
- F = Sample filtered in lab
- G = Received past hold time
- H = Late eluting hydrocarbons present
- I = Improperly handled sample
- J = Estimated concentration
- L = Common lab solvent and contaminant
- M = Matrix interference
- P = Improperly preserved sample
- Q = Result confirmed via re-analysis
- S = Sediment present
- T = Does not match typical pattern
- W = BOD re-set due to missed dilution
- X = Unidentified compound(s) present
- Z = Internal standard outside limits
- * = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

Lab Code	Certification Number
008	WDNR - 999766900
009	WDNR - 241293690
020	WDNR - 999447680
030	ILNELAC - 100230; WDNR - 998294430
060	ILNELAC - 100221; WDNR - 999447130
070	IA - 007; ILNELAC - 000668; MDH - 019-999-319; WDNR - 999917270
130	WDNR - 632021390
147	WDNR - 721026460
300	FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430
400	WDNR - 113133790
510	WDNR - 241249360
700	WDNR - 113289110

TestAmerica Watertown WDNR - 128053530; IDNR - 294; MDH - 055-999-366; ND - R-046

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506205
 Account No: 10100
 Page 4 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Trip Blank
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 08:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae		4402
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae		4402
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506205
 Account No: 10100
 Page 5 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Trip Blank
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 08:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methylene Chloride	L 0.49	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Toluene	0.17	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Surr: Dibromofluoromethane	94	µ		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	100	µ		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	99	µ		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506206
 Account No: 10100
 Page 6 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW3S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 09:45

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	2.1	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	93	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	99	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506207
 Account No: 10100
 Page 7 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW3D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 10:25

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	61	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	95	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	98	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506208
 Account No: 10100
 Page 8 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW3B
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 09:50

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	1.9	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Surr: Dibromofluoromethane	98	%		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	101	%		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	99	%		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506209
 Account No: 10100
 Page 9 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW4S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 10:45

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	1.8	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	95	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	98	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506210
 Account No: 10100
 Page 10 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW4D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 10:55

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	2.3	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Surr: Dibromofluoromethane	95	‡		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	99	‡		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	98	‡		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506211
 Account No: 10100
 Page 11 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW5S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 11:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	0.66	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	1.9	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	96	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	98	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506212
 Account No: 10100
 Page 12 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW5D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 11:40

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Dichlorodifluoromethane	5.1	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	3.5	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Surr: Dibromofluoromethane	97	%		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	99	%		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW7S
Stoughton, WI
Rec'd on ice

Date/Time Taken: 11/19/2002 12:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	2.1	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	99	‡		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	101	‡		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	97	‡		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

12/03/2002
Job No: 02.11454
Sample No: 506214
Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW7I
Stoughton, WI
Rec'd on ice

Date/Time Taken: 11/19/2002 12:40

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	3.4	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	99	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	99	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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 Job No: 02.11454
 Sample No: 506215
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW7B
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 12:35

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	2.3	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	96	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	99	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506216
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW8S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 13:15

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402	
Tetrahydrofuran	2.2	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636	
Surr: Dibromofluoromethane	96	%		80-120	SW 8260B	11/30/2002	mae	4402	
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae	4402	
Surr: Bromofluorobenzene	97	%		91-110	SW 8260B	11/30/2002	mae	4402	

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW8I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 13:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	Batch
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	3.7	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	97	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	98	%		91-110	SW 8260B	11/30/2002	mae		4402

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ANALYTICAL REPORT

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

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Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW8B
Stoughton, WI
Rec'd on ice

Date/Time Taken: 11/19/2002 14:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4402
Tetrahydrofuran	0.97	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2636
Surr: Dibromofluoromethane	97	%		80-120	SW 8260B	11/30/2002	mae		4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae		4402
Surr: Bromofluorobenzene	97	%		91-110	SW 8260B	11/30/2002	mae		4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

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 Job No: 02.11454
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 14:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Dichlorodifluoromethane	100	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402

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ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506219
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 14:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methylene Chloride	L 0.65	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	4.4	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Surr: Dibromofluoromethane	98	%		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	100	%		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9S Dup
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 14:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Dichlorodifluoromethane	96	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
2,2-Dichloropropane	C <0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402

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ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506220
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9S Dup
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 14:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methylene Chloride	L 1.0	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	6.5	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Surr: Dibromofluoromethane	96	%		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	98	%		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506221
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 15:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	0.31	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Dichlorodifluoromethane	130	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
cis-1,2-Dichloroethene	1.7	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
2,2-Dichloropropane	C <0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506221
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW91
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 15:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methylene Chloride	L 1.8	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Tetrahydrofuran	8.2	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2636
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichloroethene	0.95	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Trichlorofluoromethane	4.6	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4402
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4402
Surr: Dibromofluoromethane	98	%		80-120	SW 8260B	11/30/2002	mae	4402
Surr: Toluene-d8	100	%		86-112	SW 8260B	11/30/2002	mae	4402
Surr: Bromofluorobenzene	99	%		91-110	SW 8260B	11/30/2002	mae	4402

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506222
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9B
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 15:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Chloromethane	1.1	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Dichlorodifluoromethane	5.7	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
cis-1,2-Dichloroethene	0.29	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408

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INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506222
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW9B
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 15:30

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Methylene Chloride	L 0.60	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Tetrahydrofuran	2.2	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2642
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Trichlorofluoromethane	3.7	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
Surr: Dibromofluoromethane	97	†		80-120	SW 8260B	12/02/2002	mae	4408
Surr: Toluene-d8	99	†		86-112	SW 8260B	12/02/2002	mae	4408
Surr: Bromofluorobenzene	99	†		91-110	SW 8260B	12/02/2002	mae	4408

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506223
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Field Blank 1
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 12:50

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae		4408
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Bromoform	0.27	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Chlorodibromomethane	0.42	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Chloroform	0.44	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae		4408
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae		4408

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506223
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Field Blank 1
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 12:50

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Methylene Chloride	L 1.1	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Tetrahydrofuran	2.6	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	2642	
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408	
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408	
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	12/02/2002	mae	4408	
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408	
Surr: Dibromofluoromethane	100	%		80-120	SW 8260B	12/02/2002	mae	4408	
Surr: Toluene-d8	100	%		86-112	SW 8260B	12/02/2002	mae	4408	
Surr: Bromofluorobenzene	96	%		91-110	SW 8260B	12/02/2002	mae	4408	

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506224
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW4S Dup
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/19/2002 10:45

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4405
Tetrahydrofuran	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2639
Surr: Dibromofluoromethane	101	%		80-120	SW 8260B	11/30/2002	mae		4405
Surr: Toluene-d8	99	%		86-112	SW 8260B	11/30/2002	mae		4405
Surr: Bromofluorobenzene	100	%		91-110	SW 8260B	11/30/2002	mae		4405

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ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506225
 Account No: 10100
 Page 30 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW10S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/18/2002 16:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401	
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401	
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Dichlorodifluoromethane	18	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
cis-1,2-Dichloroethene	0.38	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	

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ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506225
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW10S
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/18/2002 16:00

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	Batch
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Methylene Chloride	L 0.36	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Tetrahydrofuran	3.5	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2635	4401
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401	4401
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401	4401
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401	4401
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401	4401
Surr: Dibromofluoromethane	99	%		80-120	SW 8260B	11/30/2002	mae	4401	4401
Surr: Toluene-d8	93	%		86-112	SW 8260B	11/30/2002	mae	4401	4401
Surr: Bromofluorobenzene	101	%		91-110	SW 8260B	11/30/2002	mae	4401	4401

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506226
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW101
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/18/2002 16:10

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
VOC - AQUEOUS - EPA 8260B								
Misc VOC Compounds								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Dichlorodifluoromethane	130	ug/L	0.25	0.83	SW 8260B	12/02/2002	mae	4408
1,1-Dichloroethane	0.59	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
cis-1,2-Dichloroethene	1.7	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401

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ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506226
 Account No: 10100
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JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW10I
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/18/2002 16:10

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Methylene Chloride	L 1.1	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Tetrachloroethene	2.3	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Tetrahydrofuran	11	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	2635
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Trichloroethene	1.7	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Trichlorofluoromethane	1.1	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	11/30/2002	mae	4401
Vinyl Chloride	0.71	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae	4401
Surr: Dibromofluoromethane	101	†		80-120	SW 8260B	11/30/2002	mae	4401
Surr: Toluene-d8	93	†		86-112	SW 8260B	11/30/2002	mae	4401
Surr: Bromofluorobenzene	103	†		91-110	SW 8260B	11/30/2002	mae	4401

ANALYTICAL REPORT

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002
 Job No: 02.11454
 Sample No: 506227
 Account No: 10100
 Page 34 of 40

JOB DESCRIPTION: 1764 Stoughton City Landfill
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW10D
 Stoughton, WI
 Rec'd on ice

Date/Time Taken: 11/18/2002 16:20

Date Received: 11/20/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
VOC - AQUEOUS - EPA 8260B									
Misc VOC Compounds									
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		4401
Tetrahydrofuran	3.1	ug/L	0.25	0.83	SW 8260B	11/30/2002	mae		2635
Surr: Dibromofluoromethane	100	%		80-120	SW 8260B	11/30/2002	mae		4401
Surr: Toluene-d8	92	%		86-112	SW 8260B	11/30/2002	mae		4401
Surr: Bromofluorobenzene	101	%		91-110	SW 8260B	11/30/2002	mae		4401

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002

Job No: 02.11454
 Account No: 10100

Page 35 of 40

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Benzene		4401	<0.10	0.10	0.33	ug/L
Bromobenzene		4401	<0.25	0.25	0.83	ug/L
Bromochloromethane		4401	<0.25	0.25	0.83	ug/L
Bromodichloromethane		4401	<0.25	0.25	0.83	ug/L
Bromoform		4401	<0.25	0.25	0.83	ug/L
Bromomethane		4401	<0.25	0.25	0.83	ug/L
n-Butylbenzene		4401	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		4401	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		4401	<0.25	0.25	0.83	ug/L
Carbon Tetrachloride		4401	<0.25	0.25	0.83	ug/L
Chlorobenzene		4401	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		4401	<0.25	0.25	0.83	ug/L
Chloroethane		4401	<0.25	0.25	0.83	ug/L
Chloroform		4401	<0.25	0.25	0.83	ug/L
Chloromethane		4401	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		4401	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		4401	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		4401	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		4401	<0.25	0.25	0.83	ug/L
Dibromomethane		4401	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		4401	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		4401	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		4401	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		4401	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		4401	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		4401	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		4401	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		4401	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		4401	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		4401	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		4401	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		4401	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		4401	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		4401	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		4401	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		4401	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

Test America

INCORPORATED

QUALITY CONTROL REPORT BLANKS

12/03/2002

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

Job No: 02.11454
Account No: 10100

Page 36 of 40

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Ethylbenzene		4401	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		4401	<0.25	0.25	0.83	ug/L
Isopropylbenzene		4401	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		4401	<0.25	0.25	0.83	ug/L
Methylene Chloride		4401	<0.25	0.25	0.83	ug/L
Methyl-t-butyl ether		4401	<0.25	0.25	0.83	ug/L
Naphthalene		4401	<0.25	0.25	0.83	ug/L
n-Propylbenzene		4401	<0.25	0.25	0.83	ug/L
Styrene		4401	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		4401	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		4401	<0.25	0.25	0.83	ug/L
Tetrachloroethene		4401	<0.25	0.25	0.83	ug/L
Toluene		4401	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		4401	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		4401	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		4401	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		4401	<0.25	0.25	0.83	ug/L
Trichloroethene		4401	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		4401	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		4401	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		4401	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		4401	<0.10	0.10	0.33	ug/L
Vinyl Chloride		4401	<0.25	0.25	0.83	ug/L
Xylenes, Total		4401	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		4401	100.2		80-120	%
Surr: Toluene-d8		4401	96.4		86-112	%
Surr: Bromofluorobenzene		4401	100.4		91-110	%
VOC - AQUEOUS - EPA 8260B						
Benzene		4402	<0.10	0.10	0.33	ug/L
Bromobenzene		4402	<0.25	0.25	0.83	ug/L
Bromochloromethane		4402	<0.25	0.25	0.83	ug/L
Bromodichloromethane		4402	<0.25	0.25	0.83	ug/L
Bromoform		4402	<0.25	0.25	0.83	ug/L
Bromomethane		4402	<0.25	0.25	0.83	ug/L
n-Butylbenzene		4402	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		4402	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		4402	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

12/03/2002

Job No: 02.11454
Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Carbon Tetrachloride		4402	<0.25	0.25	0.83	ug/L
Chlorobenzene		4402	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		4402	<0.25	0.25	0.83	ug/L
Chloroethane		4402	<0.25	0.25	0.83	ug/L
Chloroform		4402	<0.25	0.25	0.83	ug/L
Chloromethane		4402	<0.25	0.25	0.83	ug/L
2-Chlorotoluene		4402	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		4402	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		4402	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		4402	<0.25	0.25	0.83	ug/L
Dibromomethane		4402	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		4402	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		4402	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		4402	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		4402	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		4402	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		4402	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		4402	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		4402	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		4402	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		4402	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		4402	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		4402	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		4402	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		4402	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		4402	<0.25	0.25	0.83	ug/L
Ethylbenzene		4402	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		4402	<0.25	0.25	0.83	ug/L
Isopropylbenzene		4402	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		4402	<0.25	0.25	0.83	ug/L
Methylene Chloride		4402	0.95	0.25	0.83	ug/L
Methyl-t-butyl ether		4402	<0.25	0.25	0.83	ug/L
Naphthalene		4402	<0.25	0.25	0.83	ug/L
n-Propylbenzene		4402	<0.25	0.25	0.83	ug/L
Styrene		4402	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		4402	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		4402	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

12/03/2002

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

Job No: 02.11454
Account No: 10100

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Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Tetrachloroethene		4402	<0.25	0.25	0.83	ug/L
Toluene		4402	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		4402	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		4402	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		4402	<0.25	0.25	0.83	ug/L
1,1,2-Trichloroethane		4402	<0.25	0.25	0.83	ug/L
Trichloroethene		4402	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		4402	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		4402	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		4402	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		4402	<0.10	0.10	0.33	ug/L
Vinyl Chloride		4402	<0.25	0.25	0.83	ug/L
Xylenes, Total		4402	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		4402	101.2		80-120	%
Surr: Toluene-d8		4402	101.6		86-112	%
Surr: Bromofluorobenzene		4402	97.0		91-110	%
VOC - AQUEOUS - EPA 8260B						
Dichlorodifluoromethane		4405	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		4405	102.8		80-120	%
Surr: Toluene-d8		4405	98.2		86-112	%
Surr: Bromofluorobenzene		4405	101.2		91-110	%
VOC - AQUEOUS - EPA 8260B						
Benzene		4408	<0.10	0.10	0.33	ug/L
Bromobenzene		4408	<0.25	0.25	0.83	ug/L
Bromochloromethane		4408	<0.25	0.25	0.83	ug/L
Bromodichloromethane		4408	<0.25	0.25	0.83	ug/L
Bromoform		4408	<0.25	0.25	0.83	ug/L
Bromomethane		4408	<0.25	0.25	0.83	ug/L
n-Butylbenzene		4408	<0.25	0.25	0.83	ug/L
sec-Butylbenzene		4408	<0.25	0.25	0.83	ug/L
tert-Butylbenzene		4408	<0.25	0.25	0.83	ug/L
Carbon Tetrachloride		4408	<0.25	0.25	0.83	ug/L
Chlorobenzene		4408	<0.25	0.25	0.83	ug/L
Chlorodibromomethane		4408	<0.25	0.25	0.83	ug/L
Chloroethane		4408	<0.25	0.25	0.83	ug/L
Chloroform		4408	<0.25	0.25	0.83	ug/L
Chloromethane		4408	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

12/03/2002

Mr. Steven Smith
BT2, INC.
2830 Dairy Drive
Madison, WI 53718

Job No: 02.11454
Account No: 10100

Page 39 of 40

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
2-Chlorotoluene		4408	<0.10	0.10	0.33	ug/L
4-Chlorotoluene		4408	<0.25	0.25	0.83	ug/L
1,2-Dibromo-3-Chloropropane		4408	<0.25	0.25	0.83	ug/L
1,2-Dibromoethane (EDB)		4408	<0.25	0.25	0.83	ug/L
Dibromomethane		4408	<0.25	0.25	0.83	ug/L
1,2-Dichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,3-Dichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,4-Dichlorobenzene		4408	<0.25	0.25	0.83	ug/L
Dichlorodifluoromethane		4408	<0.25	0.25	0.83	ug/L
1,1-Dichloroethane		4408	<0.25	0.25	0.83	ug/L
1,2-Dichloroethane		4408	<0.25	0.25	0.83	ug/L
1,1-Dichloroethene		4408	<0.25	0.25	0.83	ug/L
cis-1,2-Dichloroethene		4408	<0.25	0.25	0.83	ug/L
trans-1,2-Dichloroethene		4408	<0.25	0.25	0.83	ug/L
1,2-Dichloropropane		4408	<0.25	0.25	0.83	ug/L
1,3-Dichloropropane		4408	<0.25	0.25	0.83	ug/L
2,2-Dichloropropane		4408	<0.25	0.25	0.83	ug/L
1,1-Dichloropropene		4408	<0.25	0.25	0.83	ug/L
cis-1,3-Dichloropropene		4408	<0.25	0.25	0.83	ug/L
trans-1,3-Dichloropropene		4408	<0.25	0.25	0.83	ug/L
Di-isopropyl ether		4408	<0.25	0.25	0.83	ug/L
Ethylbenzene		4408	<0.25	0.25	0.83	ug/L
Hexachlorobutadiene		4408	<0.25	0.25	0.83	ug/L
Isopropylbenzene		4408	<0.25	0.25	0.83	ug/L
p-Isopropyltoluene		4408	<0.25	0.25	0.83	ug/L
Methylene Chloride		4408	<0.25	0.25	0.83	ug/L
Methyl-t-butyl ether		4408	<0.25	0.25	0.83	ug/L
Naphthalene		4408	<0.25	0.25	0.83	ug/L
n-Propylbenzene		4408	<0.25	0.25	0.83	ug/L
Styrene		4408	<0.25	0.25	0.83	ug/L
1,1,1,2-Tetrachloroethane		4408	<0.25	0.25	0.83	ug/L
1,1,2,2-Tetrachloroethane		4408	<0.25	0.25	0.83	ug/L
Tetrachloroethene		4408	<0.25	0.25	0.83	ug/L
Toluene		4408	<0.10	0.10	0.33	ug/L
1,2,3-Trichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,2,4-Trichlorobenzene		4408	<0.25	0.25	0.83	ug/L
1,1,1-Trichloroethane		4408	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT

BLANKS

Mr. Steven Smith
 BT2, INC.
 2830 Dairy Drive
 Madison, WI 53718

12/03/2002

Job No: 02.11454
 Account No: 10100

Page 40 of 40

Job Description: 1764 Stoughton City Landfill

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
1,1,2-Trichloroethane		4408	<0.25	0.25	0.83	ug/L
Trichloroethene		4408	<0.25	0.25	0.83	ug/L
Trichlorofluoromethane		4408	<0.25	0.25	0.83	ug/L
1,2,3-Trichloropropane		4408	<0.25	0.25	0.83	ug/L
1,2,4-Trimethylbenzene		4408	<0.10	0.10	0.33	ug/L
1,3,5-Trimethylbenzene		4408	<0.10	0.10	0.33	ug/L
Vinyl Chloride		4408	<0.25	0.25	0.83	ug/L
Xylenes, Total		4408	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		4408	104.6		80-120	%
Surr: Toluene-d8		4408	101.4		86-112	%
Surr: Bromofluorobenzene		4408	101.8		91-110	%
Misc VOC Compounds						
Tetrahydrofuran		2635	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		2636	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		2639	<0.25	0.25	0.83	ug/L
Misc VOC Compounds						
Tetrahydrofuran		2642	<0.25	0.25	0.83	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

ATTACHMENT B

Groundwater Monitoring Data Certification Form (with exceedances)

ENVIRONMENTAL MONITORING DATA CERTIFICATION

Note: This certification page, and any exceedance notification and explanation, must be prepared for *each* license number included in the submittal (diskette or e-mail) and mailed to WDNR Central Office with the submittal data. A copy of this form and any exceedance notification and explanation must be mailed to the WDNR Regional Office in which the facility is located. Do NOT send the data submittal to the WDNR Regional Office.

Check here to indicate that a copy of this page (and a copy of the exceedance notification letter, if any) was mailed to the WDNR Regional Office.

The accompanying submittal (diskette or e-mail) contains data for the following facility or facilities:

License No	Facility ID No (FID)	Facility Name	Results are for Sampling Required in the Month(s) of:
133	L13005950 3	Stoughton City Landfill	November 2002



Type of data submitted (check as applicable):

- Groundwater monitoring data
- Non-groundwater monitoring data (gas, leachate, air)

Check one of the following:

- An exceedance notification and explanation *is attached*.
- An exceedance notification *is not attached* because there are no exceedances to report.

Sherren Clark	Sr. Engineer, BT2, Inc.	(608) 224 - 2830
Name of disk preparer (for disk formatting questions)	Company name	Phone Number

To the best of my knowledge, the information reported and the statements made on this data submittal and enclosures are true and correct. **Furthermore, per ss. NR 140.24(1)(a), NR 140.26(1)(a), NR 635.18(20) and NR 507.30, Wis. Adm. Codes, I have attached notification of enforcement standard, preventative action limit, or alternative concentration limit exceedances, if any, which includes a list of the wells at which the exceedances occurred and a preliminary analysis of the cause and significance of the concentration.**

Steven Smith	1/14/03
Facility Representative's Name (please print)	Date
<i>Steven Smith</i>	(608) 224 - 2830
Signature	Phone Number
Environmental Specialist	
Title	

LBW 1/28/2003

ENVIRONMENTAL MONITORING DATA CERTIFICATION

Note: This certification page, and any exceedance notification and explanation, must be prepared for *each* license number included in the submittal (diskette or e-mail) and mailed to WDNR Central Office with the submittal data. A copy of this form and any exceedance notification and explanation must be mailed to the WDNR Regional Office in which the facility is located. Do NOT send the data submittal to the WDNR Regional Office.

Check here to indicate that a copy of this page (and a copy of the exceedance notification letter, if any) was mailed to the WDNR Regional Office.

The accompanying submittal (diskette or e-mail) contains data for the following facility or facilities:

<u>License No</u>	<u>Facility ID No (FID)</u>	<u>Facility Name</u>	<u>Results are for Sampling Required in the Month(s) of:</u>
133	113005950	Stoughton City Landfill	November 2002

Type of data submitted (check as applicable):

- Groundwater monitoring data
 Non-groundwater monitoring data (gas, leachate, air)

Check one of the following:

- An exceedance notification and explanation *is attached*.
 An exceedance notification *is not attached* because there are no exceedances to report.

Sherren Clark	Sr. Engineer, BT2, Inc.	(608) 224 - 2830
Name of disk preparer (for disk formatting questions)	Company name	Phone Number

To the best of my knowledge, the information reported and the statements made on this data submittal and enclosures are true and correct. *Furthermore, per ss. NR 140.24(1)(a), NR 140.26(1)(a), NR 635.18(20) and NR 507.30, Wis. Adm. Codes, I have attached notification of enforcement standard, preventative action limit, or alternative concentration limit exceedances, if any, which includes a list of the wells at which the exceedances occurred and a preliminary analysis of the cause and significance of the concentration.*

Steven Smith	1/14/03
Facility Representative's Name (please print)	Date

Steven Smith	(608) 224 - 2830
Signature	Phone Number

Environmental Specialist
 Title

NR 140 Exceedance Summary (By Well)

Site ID: 133
 Site Name: Stoughton City Landfill
 Reporting Period: November 2002

Well	Parameter	Result	PAL	ES	Exceedance Type
MW10I	Dichloromethane (ug/l)	1.1 B	0.5	5	PAL
	Tetrachloroethylene (ug/l)	2.3	0.5	5	PAL
	Tetrahydrofuran (ug/l)	11 B	10	50	PAL
	Trichloroethylene (ug/l)	1.7	0.5	5	PAL
	Vinyl chloride (ug/l)	0.71 J	0.02	0.2	ES
MW13I	Tetrahydrofuran (ug/l)	16 B	10	50	PAL
MW14I	Dichloromethane (ug/l)	1.4 B	0.5	5	PAL
	Tetrachloroethylene (ug/l)	2	0.5	5	PAL
	Trichloroethylene (ug/l)	3.7	0.5	5	PAL
	Vinyl chloride (ug/l)	0.59 J	0.02	0.2	ES
MW14S	Tetrachloroethylene (ug/l)	6.2	0.5	5	ES
	Trichloroethylene (ug/l)	4.1	0.5	5	PAL
MW3D	Tetrahydrofuran (ug/l)	61 B	10	50	ES
MW9B	Chloromethane (ug/l)	1.1	0.3	3	PAL
	Dichloromethane (ug/l)	0.6 JB	0.5	5	PAL
MW9I	Dichloromethane (ug/l)	1.8 B	0.5	5	PAL
	Trichloroethylene (ug/l)	0.95	0.5	5	PAL
MW9S	Dichloromethane (ug/l)	0.65 JB	0.5	5	PAL
	Dichloromethane (ug/l)	1 B	0.5	5	PAL

- J Result is an estimated value below the laboratory's limit of quantitation.
- B Compound detected in QC blank.
- P Did not meet required preservation or hold time.
- M Failed method QC check.
- * PAL or ES is Alternative Concentration Limit.

NR 140 Exceedance Summary (By Parameter)

Site ID: 133
 Site Name: Stoughton City Landfill
 Reporting Period: November 2002

Parameter	Well	Result	PAL	ES	Exceedance Type
Chloromethane (ug/l)	MW9B	1.1	0.3	3	PAL
Dichloromethane (ug/l)	MW10I	1.1 B	0.5	5	PAL
	MW14I	1.4 B	0.5	5	PAL
	MW9B	0.6 JB	0.5	5	PAL
	MW9I	1.8 B	0.5	5	PAL
	MW9S	0.65 JB	0.5	5	PAL
	MW9S	1 B	0.5	5	PAL
Tetrachloroethylene (ug/l)	MW10I	2.3	0.5	5	PAL
	MW14I	2	0.5	5	PAL
	MW14S	6.2	0.5	5	ES
Tetrahydrofuran (ug/l)	MW10I	11 B	10	50	PAL
	MW13I	16 B	10	50	PAL
	MW3D	61 B	10	50	ES
Trichloroethylene (ug/l)	MW10I	1.7	0.5	5	PAL
	MW14I	3.7	0.5	5	PAL
	MW14S	4.1	0.5	5	PAL
	MW9I	0.95	0.5	5	PAL
Vinyl chloride (ug/l)	MW10I	0.71 J	0.02	0.2	ES
	MW14I	0.59 J	0.02	0.2	ES

- J Result is an estimated value below the laboratory's limit of quantitation.
- B Compound detected in blank.
- P Did not meet required preservation and/or hold time.
- M Failed method QC check.
- * PAL or ES is an Alternative Concentration Limit.