

March 26, 2008

Mr. Jaspal Walia
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED
MARCH 26 2008

NY STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

X CERIALIZED

**Re: 3773 Lake Shore Road, Blasdell, NY
Area C – Phase II Investigation**

Dear Mr. Walia:

In accordance with our February 25, 2008 II Work Plan, Benchmark has completed supplemental investigation activities to better delineate the extent of impacts in the vicinity of SB-18 within Area C of the subject Site. Descriptions of our approach to the work and investigation findings are presented below. Areas investigated and discussed within this report are identified on Figure 1.

BACKGROUND

A November 2006 Phase II report prepared by Hazard Evaluations, Inc. (HEI) reported that during the course of the Phase II investigation work a soil boring identified as SB-18 (see Figure 1) was discovered to contain toluene and 1,1,1-trichloroethane above Technical Assistance and Guidance Memorandum (TAGM) 4046 Recommended Soil Cleanup Objectives (RSCOs). The HEI report also indicated the presence of bedding sands potentially associated with an underground storage tank near the SB-18 boring.

As the aerial extent of the soil/fill impacts had not been determined through HEI's work, Benchmark prepared an Area C Site Investigation Work Plan to better determine the quantity of soil potentially requiring remediation, and to characterize groundwater at an existing downgradient monitoring well (i.e. GW-1, installed to a depth of approximately 24 feet below ground surface in the upper weathered bedrock). The soil/fill investigation proposed direct-push test borings in the area surrounding HEI's boring SB-18. Borings were slated to continue outward based on visual/olfactory evidence or PID screening until the approximate area of impact was delineated.

INVESTIGATION APPROACH

The investigation involved completion of a one-day soil boring investigation program under the direction of Benchmark's geologist, Mr. Thomas Behrendt. On February 29, 2008, Benchmark's designated subcontractor, TREC Environmental, Inc. mobilized a truck

mounted Geoprobe® rig to the site and advanced twelve soil borings, identified as C-B1 through C-B12 in the vicinity of HEI's SB-18. Soil boring locations are presented on Figure 1. Soil boring logs are presented in Attachment 1. Each boring was advanced using a 1.5-inch diameter, 4-foot core sampler equipped with a PVC sleeve. Soil descriptions were completed in the field via visual/olfactory characterization of recovered soil cores using the Unified Soil Classification System (USCS), and scanned for total volatile organic vapors with a calibrated MiniRae 2000 PID equipped with a 10.6 eV lamp. Soil/fill samples were collected at select locations for chemical analysis as described below. Following soil/fill logging and screening, all borings were backfilled with the soil/fill cuttings to match the existing grade. Additionally, a groundwater sample was collected from existing well GW-1 using low-flow sampling procedures and analyzed for volatile organic compounds (VOCs).

FIELD OBSERVATIONS

As presented on Table 1, field PID readings ranged from 0.0 ppm to 3879 ppm. At C-B1 through C-B3, C-B8, C-B9, and CB11 (inside the adjacent plant building) PID readings were equal to background (0.0 ppm). Conversely, borings C-B4 through C-B7, C-B10, and C-B12 exhibited PID readings above 5 ppm. Soil boring C-B6 exhibited elevated PID readings beginning at two feet below grade surface (fbgs) and continuing until approximately 11 fbsgs. The surrounding borings with elevated PID readings generally exhibited impact at four feet or deeper, suggesting a surface release at or near C-B6. No evidence of an underground storage tank was found at any of the boring locations.

SAMPLING AND ANALYSIS

Based on field evaluation described above, four representative soil/fill samples were collected for analysis. Specifically, samples were collected from C-B4(4-6), C-B5(4-6), C-B11(10-11), and C-B12(8-11). These locations were selected to correlate varying PID readings to analytical results. The soil/fill samples were placed in pre-cleaned, laboratory provided sample bottles using dedicated stainless steel sampling tools, and cooled to 4°C in the field. The samples were transported under chain-of-custody command to Test America Labs of Amherst, NY for analysis of Target Compound List volatile organic compounds (TCL VOCs).

Analytical results are summarized on Table 2, attached. The data package is presented in Attachment 2. For comparison, Table 2 includes comparison to health-based restricted commercial Soil Cleanup Objectives (SCOs) per NYSDEC cleanup program regulations contained in 6NYCRR Part 375. As presented on Table 2, the data results indicate that detected analytes are all well below the Part 375 restricted commercial SCOs.

No volatile organic compounds (VOCs) were detected in GW-1. The laboratory analytical report is presented in Attachment 2.

CONCLUSIONS

Based on the laboratory analytical results, the soil/fill surrounding SB-18 meets commercial SCOs per 6NYCRR Part 375. No evidence of an underground storage tank was detected, nor were any VOCs detected in monitoring well GW-1. Accordingly, we believe that no further action is required.

Please contact us if you have any questions or require additional information.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC



Thomas H. Forbes, P.E.
Project Manager

c: N. Katz, Esq.
C. Slater, Esq.
J. Charles

Att.

TABLES

TABLE 1
SOIL BORING PID READINGS
3773 Lakeshore Road Site
Hamburg, New York

Depth (ft/gs)	SOIL BORING LOCATIONS						
	C-B1 (ppm)	C-B2 (ppm)	C-B3 (ppm)	C-B4 (ppm)	C-B5 (ppm)	C-B7 (ppm)	C-B8 (ppm)
(0 - 2)	0.0	0.0	0.0	0.0	0	0.0	0.0
(2 - 4)	0.0	0.0	0.0	8.4	20.5	0.0	0.0
(4 - 6)	0.0	0.0	0.0	1188	88.1	0.0	0.0
(6 - 8)	0.0	0.0	0.0	1130	164	75	0.0
(8 - 9.5)	0.0	0.0	0.0	1818	336	48.1	349
(9.5 - 11)	0.0	0.0	0.0	208	19.5	25.6	50.3
(11 - 12.5)	0.0	0.0	0.0	3879	NA	0.0	0.0
(12.5 - 13.5)	NA	NA	0.0	60.3	NA	NA	NA
(13.5 - 14.5)	NA	NA	NA	NA	NA	NA	NA

NA = Boring ended due to refusal.
PID readings above 5 ppm

19.5

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS

3773 Lakeshore Road Site
Hamburg, New York

Parameter ¹	Soil Boring Locations				Restricted SCOs Commercial (ppm)
	C-B4 (4-6)	C-B5 (4-6)	C-B11 (10-11)	C-B12 (8-11)	
TCL Volatile Organic Compounds (VOCs) - mg/kg ³					
Acetone	0.042	0.058	0.034	0.022 J	500
Benzene	ND	0.009	ND	0.002 J	44
2-Butanone (MEK)	0.008 J	0.018 J	ND	0.013 J	500
Carbon disulfide	0.001 J	0.002 J	ND	0.006	--
Chloroethane	0.017	ND	ND	ND	--
1,1-Dichloroethane	ND	0.19	ND	0.17	240
1,1-Dichloroethene	ND	ND	ND	0.003 J	500
cis-1,2-Dichloroethene	ND	0.002 J	ND	0.002 J	500
trans-1,2-Dichloroethene	ND	ND	ND	0.001 J	500
Ethylbenzene	0.006	0.037	ND	ND	390
Isopropylbenzene	0.001 J	0.002 J	ND	ND	--
Methylcyclohexane	0.006	0.004 J	ND	ND	--
Methylene chloride	0.015	0.013 B	0.033 B	0.023	500
Tetrachloroethene	0.001 J	0.014	ND	0.002 J	150
Toluene	0.052	42 D	0.003 J	8.4 D	500
1,1,1-Trichloroethane	ND	0.24 E	ND	1.8 D	500
1,1,2-Trichloroethane	ND	ND	ND	0.005	--
Trichloroethene	ND	0.024	ND	ND	200
Total Xylene	0.056	0.15	ND	0.005 J	500

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC draft Part 375 Soil Cleanup Objectives (June 2006)
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.

-- = No SCO available.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

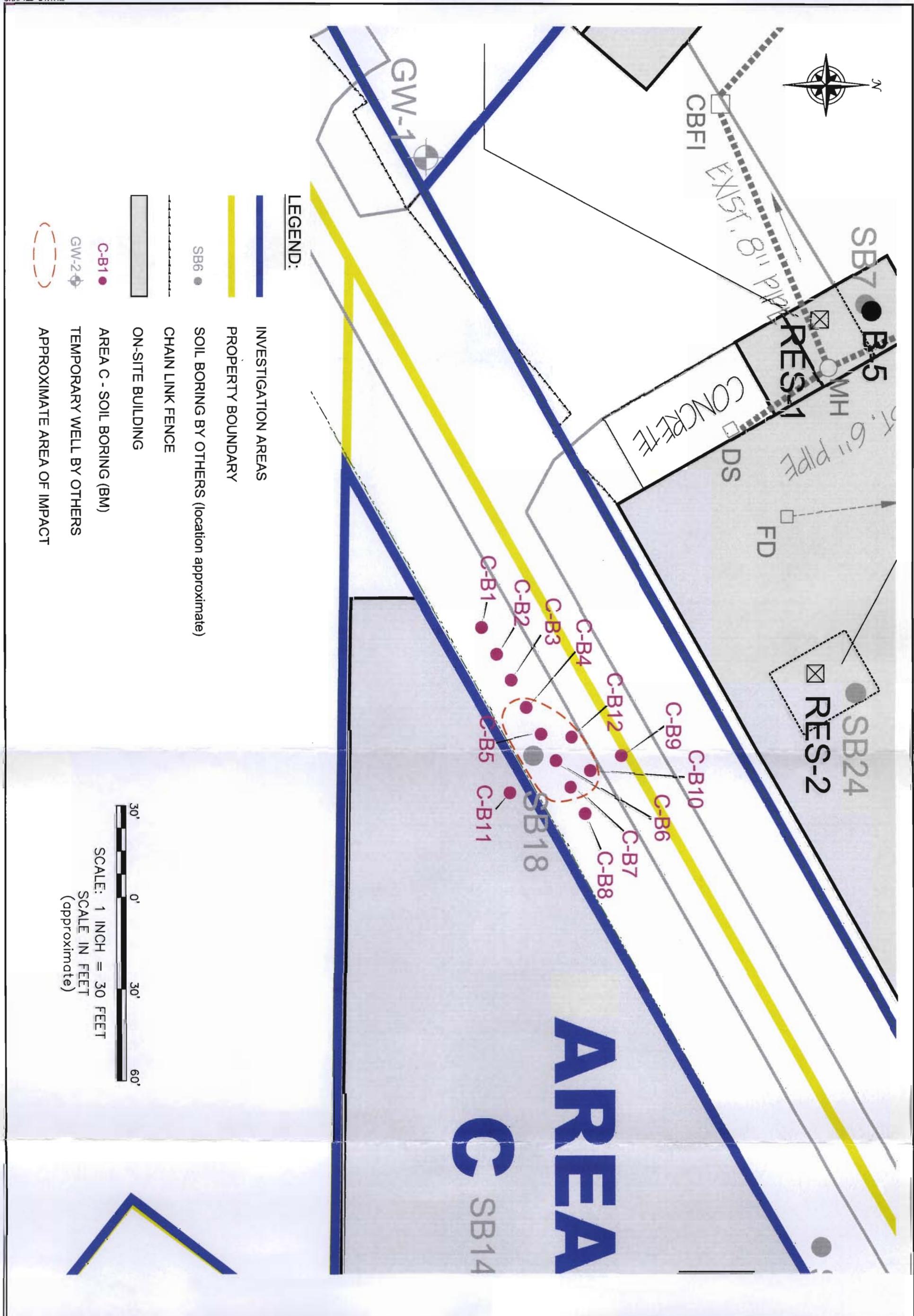
B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

D = All compounds were identified in an analysis at the secondary dilution factor.

E = Indicates compound whose concentration exceeds calibration range of the instrument

FIGURES





SUPPLEMENTAL PHASE II SITE INVESTIGATION SITE PLAN

AREA C INVESTIGATION

3773 LAKESHORE ROAD
HAMBURG, NEW YORK

PREPARED FOR

3773 LAKESHORE ROAD, INC.



726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0599

JOB NO.: 0109-001-103

FIGURE 1

ATTACHMENT 1

Field Activity Logs



Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B1
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie <input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secrest	Start Date:	02/29/08
Drilling Company:	Trec Environmental	End Date:	02/29/08
Driller:	Jim Ager	Logged By:	TAB
Helper:	Chris	Drilling Method:	Direct push
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph, bright sun.

Elevation (ftmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>	PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)	Remarks
				USCS Classification : Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other				
0	0							
-2	2	S1	1.9	<u>0.0 - 0.9</u> Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. <u>0.9 - 1.9</u> Dark brown, moist, <u>Fill</u> , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and slag pieces.	0.0	NA	No	
-4	4							
-6	6	S2	3.3	<u>0.0 - 3.3</u> As above 0.9 - 1.9.	0.0	NA	No	
-8	8							
-10	10	S3	2.8	<u>0.0 - 2.8</u> Dark brown, moist, <u>Siltyclay</u> , with some sand, with little med gravels, mechanically fissured, hard.	0.0	NA	No	
-11	11							
		S4	1.0	<u>0.0 - 1.0</u> Black, wet, <u>Medium Gravel</u> , with some fine sand, loose.	0.0	Na	No	
-12.2	12.2							
-14.2	14.2	S5		Refusal @ 12.2 fbgs most likely due to top of rock.				
-16.2	16.2							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B2	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secret	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph, bright sun.	

Elevation (fms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>				Remarks
				PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)		
0	0							
-2	2	S1	2.0	0.0 - 0.5 Black, moist, Asphalt , Some fine to coarse sand with some fine to medium gravel, loose. 0.5 - 2.0 Dark brown, moist, Fill , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and blue slag pieces.	0.0	NA	No	
-4	4							
-6	6	S2	3.4	0.0 - 3.4 Brown, moist, Siltyclay , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard.	0.0	NA	No	
-8	8							
-10	10	S3	2.4	0.0 - 2.4 As above.	0.0	NA	No	
-11	11							
-12	12	S4	1.1	0.0 - 1.5 As above.	0.0	Na	No	
-13	13							
-15	15	S5		Refusal @ 13.0 fbgs most likely due to top of rock.				
-17	17							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B3		
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings	
Client:	Harter Secrest	Start Date:	02/29/08		
Drilling Company:	Trec Environmental	End Date:	02/29/08		
Driller:	Jim Ager	Logged By:	TAB		
Helper:	Chris	Drilling Method:	Direct push		
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph, bright sun.		

Elevation (ftms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>			Samples (y/n)	Remarks
				PID Scan (ppm)	PID HDSP (ppm)			
0	0							
-2	2	S1	2.7	<u>0.0 - 0.5</u> Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. <u>0.5 - 2.7</u> Dark brown, moist, <u>Fill</u> , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and blue slag pieces.	0.0	NA	No	
-4	4							
-6	6	S2	2.7	<u>0.0 - 0.5</u> Brown, wet, fine sand, loose, slow dilatancy. <u>0.0 - 3.4</u> Dark brown, moist, <u>Siltyclay</u> , with little sand and little coarse gravel, very stiff.	0.0	NA	No	
-8	8							
-10	10	S3	3.0	<u>0.0 - 1.0</u> Brown, wet, <u>Siltyclay</u> , with some sand and some fine gravel, stiff. <u>1.0 - 3.0</u> as above but moist.	0.0	NA	No	
-11	11							
-12	12	S4	1.3	<u>0.0 - 1.3</u> Dark grey, moist, <u>weathered shale</u> , with some fine sand and coarse gravel, laminated, hard, breaks apart with hand pressure.	0.0	Na	No	
-13.5	13.5							
-15.5	15.5	S5		Refusal @ 13.5 fbgs most likely due to top of rock.				
-17.5	17.5							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B4	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secret	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph, overcast.	

Elevation (ftmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>			Remarks
				PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)	
0	0						
-2	2	S1	1.7	0.0 - 0.6 Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. 0.5 - 1.7 Dark brown, moist, <u>Fill</u> , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and yellow brick.	0.0	NA	No
-4	4						
-6	6	S2	3.3	0.0 - 3.3 Brown, moist, <u>Siltyclay</u> , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard, paint odor.	8.4	NA	Yes
-8	8						
-10	10	S3	2.5	0.0 - 2.5 As above.	1130	NA	No
-11	11						
-12	12	S4	1.1	0.0 - 1.1 As above but wet from 11.0 - 11.3 fbgs.	1818	NA	No
-13.6	13.6						
-15.6	15.6	S5		Refusal @ 13.6 fbgs most likely due to top of rock.	208	NA	No
-17.6	17.6						

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B5	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secrest	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph, overcast.	

Elevation (fms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE				Remarks
				PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)		
0	0							
-2	2	S1	1.6	0.0 - 0.6 Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. 0.6 - 1.6 Dark brown, moist, <u>Fill</u> , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and grey soft silty clay at bottom.	0.0	NA	No	
-4	4							
-6	6	S2	1.8	0.0 - 1.8 Brown, moist, <u>Siltyclay</u> , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard, paint odor.	1188	NA	Yes	
-8	8				164	NA	No	
-10	10	S3	2.5	0.0 - 1.0 Brown, wet, <u>fine sand</u> , slow dilatency, paint odor. 1.0 - 2.5 As above S2.	336	NA	No	
-11	11				19.5	NA	No	
-12	12	S4		Refusal @ 11 fbgs most likely due to top of rock.				
-13	13							
-15	15	S5						
-17	17							



FIELD GEOPROBE BOREHOLE LOG

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B6	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secret	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.	

Elevation (fms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>			Samples (y/n)	Remarks
				PID Scan (ppm)	PID HDSP (ppm)			
0	0							
-2	2	S1	2.5	0.0 - 0.5 Black, moist, Asphalt , Some fine to coarse sand with some fine to medium gravel, loose. 0.5 - 2.0 Dark brown, moist, Fill . Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and blue slag pieces. 2.0 - 2.5 Black, moist, Siltyclay , with few sands, medium soft, paint odor.	0.0	NA	No	
-4	4				20.5			
-6	6	S2	2.3	0.0 - 0.7 Black, moist, Siltyclay , with few sands, medium soft, paint odor. 0.7 - 2.3 Brown, moist, Siltyclay , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard, paint odor.	88.1	NA	Yes	
-8	8				75	NA	No	
-10	10	S3	1.7	0.0 - 1.7 Brown, moist, Siltyclay , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard, paint odor.	45.3	NA	No	
-11	11							
-12	12	S4	0.7	0.0 - 0.7 Black, wet, Weathered Shale pieces.	0.0	NA	No	
-12.7	12.7							
-14.7	14.7	S5		Refusal @ 12.7 fbgs most likely due to top of rock.				
-16.7	16.7							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B7	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Treamie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secretst	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.	

Elevation (fms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>	PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)	Remarks
				USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other				
0	0							
-2	2	S1	2.0	<u>0.0 - 0.5</u> Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. <u>0.5 - 1.2</u> Dark brown, moist, <u>Fill</u> , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and slag pieces. <u>1.2 - 2.0</u> Brown, moist, <u>Fine Sand</u> , loose, with some iron staining.	0.0	NA	No	
-4	4							
-6	6	S2	3.5	<u>0.0 - 3.5</u> Black dark gray, moist <u>Siltyclay</u> , with some sand and few coarse gravel.	0.0	NA	No	
-8	8				48.1			
-10	10	S3	2.8	<u>0.0 - 2.8</u> As above with paint odor.		NA	No	
-11	11				25.6			
-12	12	S4		Refusal @ 11.0 fbgs most likely due to top of rock.				
-12	12							
-14	14	S5						
-16	16							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B8	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secrest	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.	

Elevation (fms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE			Remarks
				(ASTM D2488 - Visual/Manual Procedure)	USCS Classification:	PID Scan (ppm)	
0	0			0.0 - 0.5 Black, moist, Asphalt , Some fine to coarse sand with some fine to medium gravel, loose.			
-2	2	S1	2.1	0.5 - 1.3 Dark brown, moist, Fill , Silt fines with some fine sand and clay, dense loose when disturbed, with cinders and slag pieces. 1.3 - 2.1 Brown, moist, yellow brick with iron staining.	0.0	NA	No
-4	4						
-6	6	S2	3.5	0.0 - 0.5 Black, moist, Siltyclay , with trace fine sand, medium soft, no structure. 0.5 - 3.5 Brown, moist, Siltyclay, with some sand and little coarse gravel (shale pieces), mechanically fissured, hard.	0.0	NA	No
-8	8						
-10	10	S3	2.0	0.0 - 2.0 As above 0.5 - 3.5.	0.0	NA	No
-11	11						
-12	12	S4		Refusal @ 11.0 fbgs most likely due to top of rock.			
-12	12						
-14	14	S5					
-16	16						

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B9
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie <input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secret	Start Date:	02/29/08
Drilling Company:	Trec Environmental	End Date:	02/29/08
Driller:	Jim Ager	Logged By:	TAB
Helper:	Chris	Drilling Method:	Direct push
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.

Elevation (ft-msl) <small>(fbgs)</small>	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>				Remarks
				PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)		
0	0							
-2	2	S1	3.0	<u>0.0 - 0.9</u> Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. <u>0.9 - 2.7</u> Dark brown, moist, <u>Fill</u> . Silt fines with some fine and coarse sands with few medium gravels, dense loose when disturbed. <u>2.7 - 3.0</u> Dark brown to black, moist, <u>Siltyclay</u> , with few sand, rootlets.	0.0	NA	No	
-4	4							
-6	6	S2	3.4	<u>0.5 - 3.5</u> Brown, moist, <u>Siltyclay</u> , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard.	0.0	NA	No	
-8	8							
-10	10	S3	2.0	<u>0.0 - 2.0</u> As above.	0.0	NA	No	
-11	11							
-12	12	S4	2.0	<u>0.0 - 2.0</u> As above.	0.0	NA	No	
-13.4	13.4							
-15.4	15.4	S5		Refusal @ 11.0 fbgs most likely due to top of rock.				
-17.4	17.4							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B10
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Test/mite <input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secrest	Start Date:	02/29/08
Drilling Company:	Trec Environmental	End Date:	02/29/08
Driller:	Jim Ager	Logged By:	TAB
Helper:	Chris	Drilling Method:	Direct push
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.

Elevation (fms)	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>	PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)	Remarks
				USCS Classification : Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other				
0	0							
-2	2	S1	2.2	<u>0.0 - 0.5</u> Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. <u>0.5 - 1.5</u> Dark brown, moist, <u>Fill</u> , Silt fines with some fine and coarse sands with few medium gravels, dense loose when disturbed. <u>1.5 - 2.2</u> Light brown, moist, <u>Fine sand</u> , no structure, loose.	0.0	NA	No	
-4	4				192			
-6	6	S2	3.0	0.0 - 3.0 Brown, moist, <u>Silty clay</u> , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard, paint odor.		NA	No	
-8	8				349			
-10	10	S3	2.2	<u>0.0 - 2.0</u> As above.	50.3	NA	No	
-11	11							
-12	12	S4	2.0	<u>0.0 - 2.0</u> As above.	57.1	NA	No	
-14.6	14.6							
-16.6	16.6	S5		Refusal @ 14.6 fbgs most likely due to top of rock.				
-18.6	18.6							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B11	
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie	<input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secret	Start Date:	02/29/08	
Drilling Company:	Trec Environmental	End Date:	02/29/08	
Driller:	Jim Ager	Logged By:	TAB	
Helper:	Chris	Drilling Method:	Direct push	
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.	

Elevation (ft(msl))	Depth (fbgs)	Sample No.	Recovery (feet)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>				Remarks
				PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)		
0	0							
-2	2	S1	1.7	0.0 - 1.0 Light grey to brown, moist, Concrete , Some fine to coarse sand with some fine to medium gravel, loose. 1.0 - 1.7 Dark brown to black, moist, Fill , Silt fines with some fine and coarse sands with few medium gravels, dense loose when disturbed, with brick pieces.	0.0	NA	No	
-4	4							
-5.5	5.5	S2	1.8	0.0 - 1.8 Brown, moist, Siltyclay , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard.	0.0	NA	No	
-7	7							
-9	9	S3	2.2	0.0 - 2.2 As above.	0.0	NA	No	
-10	10							
		S4	0.7	0.0 - 0.7 As above.	0.0	NA	No	
-11	11							
-13	13	S5		Refusal @ 11.0 fbgs most likely due to top of rock.				
-15	15							

Project Name:	3773 Lakeshore Rd. SB - 18 investigation	BORING NUMBER:	Area C - B12
Project Number:	0109 - 001 - 103	Abandonment Method:	<input type="checkbox"/> Pressure Tremie <input checked="" type="checkbox"/> Soil Cuttings
Client:	Harter Secrest	Start Date:	02/29/08
Drilling Company:	Trec Environmental	End Date:	02/29/08
Driller:	Jim Ager	Logged By:	TAB
Helper:	Chris	Drilling Method:	Direct push
Rig Type:	Geoprobe	Weather:	Low 30's, wind 5 - 10 mph light snow.

Elevation (fms)	Depth (fbgs)	DESCRIPTION OF RECOVERED SAMPLE <i>(ASTM D2488 - Visual/Manual Procedure)</i>				PID Scan (ppm)	PID HDSP (ppm)	Samples (y/n)	Remarks			
		Sample No.	Recovery (feet)									
USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other												
0	0											
-2	2	S1	1.8	<u>0.0 - 0.5</u> Black, moist, <u>Asphalt</u> , Some fine to coarse sand with some fine to medium gravel, loose. <u>0.5 - 1.8</u> Dark brown, moist, <u>Fill</u> . Silt fines with some fine and coarse sands with few medium gravels, dense loose when disturbed, with blue slag pieces.		0.0	NA	No				
-4	4											
-6	6	S2	1.5	<u>0.0 - 1.5</u> Black to Dark grey, moist, <u>Siltyclay</u> , with some sand and gravel medium soft, slight odor.		13.5	NA	No				
-8	8											
-10	10	S3	3.0	<u>0.0 - 3.0</u> Brown, moist, <u>Siltyclay</u> , with some sand and little coarse gravel (shale pieces), mechanically fissured, hard, paint odor.		27.8	NA	No				
-11	11											
-12	12	S4	2.0	<u>0.0 - 2.0</u> As above.		18.8	NA	No				
-14.6	14.6											
-16.6	16.6	S5		Refusal @ 14.6 fbgs most likely due to top of rock.								
-18.6	18.6											

ATTACHMENT 2

Laboratory Analytical Results

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-2044

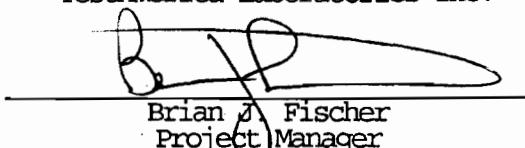
Project#: NY4A9217

Site Name: Benchmark

Task: Benchmark - 3773 Lakeshore Rd. site

Mr. Nate Munley
Benchmark Environmental
726 Exchange St. Ste 624
Buffalo, NY 14210

TestAmerica Laboratories Inc.



Brian J. Fischer
Project Manager

03/14/2008



TestAmerica Buffalo Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	SAMPLED		RECEIVED	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8204401	GW-1	WATER	02/29/2008	08:45	02/29/2008	18:15
A8204404	SB18-B11 (10-11)	SOIL	02/29/2008	15:15	02/29/2008	18:15
A8204405	SB18-B12 (8-11)	SOIL	02/29/2008	15:48	02/29/2008	18:15
A8204402	SB18-B4 (4-6)	SOIL	02/29/2008	11:00	02/29/2008	18:15
A8204403	SB18-B5 (4-6)	SOIL	02/29/2008	11:35	02/29/2008	18:15

METHODS SUMMARY

Job#: A08-2044Project#: NY4A9217
Site Name: Benchmark

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
TCL VOAS(4.2) - SW8463 8260 - 5 ML PURGE	SW8463 8260

References:

- SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-2044Project#: NY4A9217
Site Name: BenchmarkGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-2044

Sample Cooler(s) were received at the following temperature(s); 5.2 °C
All samples were received in good condition.

GC/MS Volatile Data

The recovery of the Surrogate Toluene-D8 in Method 8260 for sample SB18-B5(4-6) was below control limits. The sample was reanalyzed at a dilution with the Surrogate now recovered within control limits.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 03/14/2008
Time: 14:37:28

Dilution Log w/Code Information
For Job A08-2044

6/32 Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
SB18-B5(4-6)	A8204403DL	8260	4.00	008
SB18-B12(8-11)	A8204405DL	8260	10.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other



THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 03/14/2008
Time: 14:37:44

Rept: AN0326

Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID Job No Sample Date	Lab ID	SB18-B11(10-11) A08-2044 02/29/2008	SB18-B12(8-11) A08-2044 02/29/2008	SB18-B12(8-11) A08-2044 02/29/2008	SB18-B4(4-6) A08-2044 02/29/2008	SB18-B4(4-6) A08-2044 02/29/2008
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acetone	ug/kg	34	27	22 J	25	ND
Benzene	ug/kg	ND	5	ND	ND	ND
Bromodichloromethane	ug/kg	ND	5	ND	ND	ND
Bromoform	ug/kg	ND	5	ND	ND	ND
Bromomethane	ug/kg	ND	5	ND	ND	ND
2-Butanone	ug/kg	ND	27	13 J	25	ND
carbon Disulfide	ug/kg	ND	5	ND	ND	ND
carbon Tetrachloride	ug/kg	ND	5	ND	ND	ND
chlorobenzene	ug/kg	ND	5	ND	ND	ND
chloroethane	ug/kg	ND	5	ND	ND	ND
chloroform	ug/kg	ND	5	ND	ND	ND
chloronethane	ug/kg	ND	5	ND	ND	ND
cyclohexane	ug/kg	ND	5	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/kg	ND	5	ND	ND	ND
Dibromochloroethane	ug/kg	ND	5	ND	ND	ND
Dichlorodifluoromethane	ug/kg	ND	5	ND	ND	ND
1,2-Dibromoethane	ug/kg	ND	5	ND	ND	ND
1,2-Dichlorobenzene	ug/kg	ND	5	ND	ND	ND
1,3-Dichlorobenzene	ug/kg	ND	5	ND	ND	ND
1,4-Dichlorobenzene	ug/kg	ND	5	ND	ND	ND
1,1-Dichloroethane	ug/kg	ND	5	ND	ND	ND
1,2-Dichloroethane	ug/kg	ND	5	ND	ND	ND
1,1-Dichloroethene	ug/kg	ND	5	ND	ND	ND
cis-1,2-Dichloroethene	ug/kg	ND	5	ND	ND	ND
trans-1,2-Dichloroethene	ug/kg	ND	5	ND	ND	ND
1,2-Dichloropropane	ug/kg	ND	5	ND	ND	ND
cis-1,3-Dichloropropane	ug/kg	ND	5	ND	ND	ND
trans-1,3-Dichloropropane	ug/kg	ND	5	ND	ND	ND
Ethylbenzene	ug/kg	ND	5	ND	ND	ND
2-Hexanone	ug/kg	ND	27	ND	25	ND
Isopropylbenzene	ug/kg	ND	5	ND	ND	ND
Methyl acetate	ug/kg	ND	33 B	5	ND	ND
Methylene chloride	ug/kg	ND	ND	ND	ND	ND
Methyl-t-Butyl Ether (MTBE)	ug/kg	ND	27	ND	ND	ND
4-Methyl-1-2-pentanone	ug/kg	ND	27	ND	25	ND
Methylcyclohexane	ug/kg	ND	5	ND	ND	ND
Styrene	ug/kg	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	ND	ND	ND
Tetrachloroethene	ug/kg	ND	ND	ND	ND	ND
Toluene	ug/kg	ND	3 J	5	ND	ND
1,2,4-Trichlorobenzene	ug/kg	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/kg	ND	620 E	5	ND	ND
1,1,2-Trichloroethane	ug/kg	ND	5	ND	ND	ND

NA = Not Applicable ND = Not Detected

TestAmerica Lab

8/32

Date: 03/14/2008
Time: 14:37:44

Report #: AN0326
Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID Job No Sample Date	Lab ID	SB18-B11(10-11) A08-2044 02/29/2008	SB18-B12(8-11) A08-2044 02/29/2008	SB18-B12(8-11) A08-2044 02/29/2008	SB18-B12(8-11) A08-2044 02/29/2008	SB18-B12(4-6) A08-2044 02/29/2008
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	ND	5	ND
Trichloroethene	UG/KG	ND	5	ND	5	ND
Trichlorofluoromethane	UG/KG	ND	5	ND	5	ND
Vinyl chloride	UG/KG	ND	11	10	ND	ND
Total Xylenes	UG/KG	ND	16	15	ND	ND
<u>IS/SURROGATE(s)</u>						
Chlorobenzene-D5	%	106	50-200	103	50-200	82
1,4-Difluorobenzene	%	103	50-200	99	50-200	75
1,4-Dichlorobenzene-D4	%	103	50-200	101	50-200	83
Toluene-D8	%	111	71-125	110	71-125	124
P-Bromofluorobenzene	%	107	72-126	105	72-126	136
1,2-Dichloroethane-D4	%	93	61-136	94	61-136	176

Date: 03/14/2008
Time: 14:37:44

Rept: AN0326

Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	SB18-B5(4-6) A08-2044 02/29/2008	A8204403 02/29/2008	SB18-B5(4-6) A08-2044 02/29/2008	A8204403DL	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units										
Acetone	ug/KG	58	27	ND	3000	NA	NA	NA	NA	NA	NA
Benzene	ug/KG	9	5	ND	600	NA	NA	NA	NA	NA	NA
Bromodichloroethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Bromoform	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Bromomethane	ug/KG	ND	5	ND	3000	NA	NA	NA	NA	NA	NA
2-Butanone	ug/KG	18 J	27	ND	600	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ug/KG	2 J	5	ND	600	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Chloroethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Chloroform	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Chloroethylene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Cyclohexane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Dibromochloroethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/KG	190	5	ND	600	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Ethylbenzene	ug/KG	37	5	ND	600	NA	NA	NA	NA	NA	NA
2-Hexanone	ug/KG	ND	27	ND	3000	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ug/KG	2 J	5	ND	600	NA	NA	NA	NA	NA	NA
Methyl acetate	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Methylene chloride	ug/KG	13	5	ND	600	NA	NA	NA	NA	NA	NA
Methyl t-Butyl Ether (MTBE)	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	ug/KG	ND	27	ND	3000	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ug/KG	4 J	5	ND	600	NA	NA	NA	NA	NA	NA
Styrene	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/KG	14	5	ND	600	NA	NA	NA	NA	NA	NA
Toluene	ug/KG	3800 E	5	ND	42000 D	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/KG	240 E	5	ND	600	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ug/KG	ND	5	ND	600	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

TestAmerica Lab

Date: 03/14/2008
Time: 14:37:44

Rept: AN0326

Benchmark
Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID Job No Sample Date	Lab ID	SB18-B5(4-6) A08-2044 02/29/2008	A8204403	SB18-B5(4-6) A08-2044 02/29/2008	A8204403DL		
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluorotrichloroethene	ug/kg	ND	5	ND	600	NA	NA
Trichlorofluoromethane	ug/kg	24	5	ND	600	NA	NA
Vinyl chloride	ug/kg	ND	5	ND	600	NA	NA
Total xylenes	ug/kg	ND	11	ND	1200	NA	NA
IS/SURROGATE(S)	%	150	16	ND	1800	NA	NA
Chlorobenzene-D5	%	118	50-200	95	50-200	NA	NA
1,4-difluorobenzene	%	97	50-200	100	50-200	NA	NA
1,4-Dichlorobenzene-D4	%	108	50-200	96	50-200	NA	NA
Toluene-D8	%	56 *	71-125	139	10-190	NA	NA
p-Bromofluorobenzene	%	97	72-126	122	10-190	NA	NA
1,2-Dichloroethane-D4	%	92	61-136	132	10-190	NA	NA

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Benchmark
Benchmark - 3773 Lakeshore Rd. site
TCL VOAS(4.2)-SW8463 8260 - 5 ML PURGE

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Client ID Job No Sample Date	Lab ID	GW-1 A08-2044 02/29/2008	A8204401	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	units								
Acetone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
Benzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromoform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromomethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
2-Butanone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
carbon Tetrachloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
chlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
chloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
chloroform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
chloromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
cyclohexane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dibromoethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Ethyllbenzene	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
2-Hexanone	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methyl acetate	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylene chloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Styrene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Toluene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA

NA = Not Applicable ND = Not Detected

TestAmerica Lab

Date: 03/14/2008
Time: 14:37:44

Report: AN0326
Benchmark - 3773 Lakeshore Rd. site
TCL VOHS(4.2)-SW8463 8260 - 5 ML PURGE

Client ID Job No Sample Date	Lab ID	GW-1 A08-2044 02/29/2008	A8204401	Benchmark					
Analyte	units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Vinyl chloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Total Xylenes	ug/L	ND	3.0	NA	NA	NA	NA	NA	NA
IS/SURROGATE(S)=	%	104	50-200	NA	NA	NA	NA	NA	NA
Chlorobenzene-D5	%	108	50-200	NA	NA	NA	NA	NA	NA
1,4-Difluorobenzene	%	94	50-200	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene-D4	%	93	71-126	NA	NA	NA	NA	NA	NA
Toluene-D8	%	74	73-120	NA	NA	NA	NA	NA	NA
p-Bromofluorobenzene	%	85	66-137	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane-D4	%								

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Chronology and QC Summary Package

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Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID	Lab ID	Sample Date	ML VBLK 3/12 A08-2044	A8B1163408	VBLK48 A08-2044	A8B1141802	VBLK49 A08-2044	A8B1146702	VBLK 3/12 A08-2044	A8B1166204
Analyte	units		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	ug/kg		ND	530	ND	25	ND	25	ND	530
Benzene	ug/kg		ND	100	ND	5	ND	5	ND	100
Bromodichloromethane	ug/kg		ND	100	ND	5	ND	5	ND	100
Bromoform	ug/kg		ND	100	ND	5	ND	5	ND	100
Bromomethane	ug/kg		ND	100	ND	5	ND	5	ND	100
2-Butanone	ug/kg		ND	530	ND	25	ND	25	ND	530
Carbon Disulfide	ug/kg		ND	100	ND	5	ND	5	ND	100
Carbon Tetrachloride	ug/kg		ND	100	ND	5	ND	5	ND	100
Chlorobenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
Chloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100
Chloroform	ug/kg		ND	100	ND	5	ND	5	ND	100
Chloromethane	ug/kg		ND	100	ND	5	ND	5	ND	100
Cyclohexane	ug/kg		ND	100	ND	5	ND	5	ND	100
1,2-Dibromo-3-chloropropane	ug/kg		ND	100	ND	5	ND	5	ND	100
DibromoChloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100
Dichlorodifluoromethane	ug/kg		ND	100	ND	5	ND	5	ND	100
1,2-Dibromoethane	ug/kg		ND	100	ND	5	ND	5	ND	100
1,2-Dichlorobenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,3-Dichlorobenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,4-Dichlorobenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,1-Dichloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100
1,2-Dichloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100
1,1-Dichloroethene	ug/kg		ND	100	ND	5	ND	5	ND	100
cis-1,2-Dichloroethene	ug/kg		ND	100	ND	5	ND	5	ND	100
trans-1,2-Dichloroethene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,2-Dichloropropane	ug/kg		ND	100	ND	5	ND	5	ND	100
cis-1,3-Dichloropropene	ug/kg		ND	100	ND	5	ND	5	ND	100
trans-1,3-Dichloropropene	ug/kg		ND	100	ND	5	ND	5	ND	100
Ethyllbenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
2-Hexanone	ug/kg		ND	530	ND	25	ND	25	ND	530
Isopropylbenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
Methyl acetate	ug/kg		ND	100	ND	5	ND	5	ND	100
Methylene chloride	ug/kg		ND	100	ND	5	ND	5	ND	100
Methyl-t-Butyl Ether (MTBE)	ug/kg		ND	100	ND	5	ND	5	ND	100
4-Methyl-2-pentanone	ug/kg		ND	530	ND	25	ND	25	ND	530
Methylcyclohexane	ug/kg		ND	100	ND	5	ND	5	ND	100
Styrene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,1,2,2-Tetrachloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100
Tetrachloroethene	ug/kg		ND	100	ND	5	ND	5	ND	100
Toluene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,2,4-Trichlorobenzene	ug/kg		ND	100	ND	5	ND	5	ND	100
1,1,1-Trichloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100
1,1,2-Trichloroethane	ug/kg		ND	100	ND	5	ND	5	ND	100

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NA = Not Applicable ND = Not Detected

TestAmerica Lab

Date: 03/14/2008
Time: 14:38:09

Client ID		Benchmark					
Job No		Benchmark - 3773 Lakeshore Rd. site					
Sample Date		METHOD 8260 - TCL VOLATILE ORGANICS					

Rept:	AN0326
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Client ID	Lab ID	ML VBLK 3/12 A08-2044	A8B1163408	VBLK48 A08-2044	A8B1141802	VBLK49 A08-2044	A8B1146702	Vblk 3/12 A08-2044	A8B1166204
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	ug/kg	ND	100	ND	5	ND	5	ND	100
Trichloroethene	ug/kg	ND	100	ND	5	ND	5	ND	100
Trichlorofluoromethane	ug/kg	ND	210	ND	10	ND	10	ND	100
Vinyl chloride	ug/kg	ND	320	ND	15	ND	15	ND	210
Total Xylenes									320
<u>1S/SURROGATE(S)</u>									
Chlorobenzene-D5	%	89	50-200	96	50-200	107	50-200	93	50-200
1,4-Difluorobenzene	%	88	50-200	97	50-200	107	50-200	95	50-200
1,4-Bichlorobenzene-D4	%	88	50-200	96	50-200	104	50-200	100	50-200
1,2-Dichloroethane-D4	%	112	10-190	88	61-136	89	61-136	142	10-190
Toluene-D8	%	102	10-190	112	71-125	108	71-125	131	10-190
p-Bromo fluorobenzene	%	99	10-190	104	72-126	102	72-126	135	10-190

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Benchmark
Benchmark - 3773 Lakeshore Rd. site
TCL VOAS(4.2)-SW8463 8260 - 5 ML PURGE

Client ID Job No Sample Date	Lab ID	VBLK64 A08-2044	A8B1170602	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	units								
Acetone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
Benzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromoform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Bromomethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
2-Butanone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Chloroform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dibromochloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
2-Hexanone	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methyl acetate	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Methylene chloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Styrene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2-Tetrachloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Toluene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA

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NA = Not Applicable ND = Not Detected

TestAmerica Lab

Date: 03/14/2008	Benchmark					
Time: 14:38:09	Benchmark - 3773 Lakeshore Rd. site					
Sample Date	TCL VOAS(4.2)-SW8463 8260 - 5 ML PURGE					

Client ID Job No Sample Date	Lab ID	VBLK64, A08-2044	A8B1170602	Sample Value	Reporting Limit						
1,1,2-Trichloro-1,2,2-trifluoromethane	Units	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA
Trichloroethene		ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride		ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		ug/L	ND	3.0	NA	NA	NA	NA	NA	NA	NA
IS/SURROGATE(s)		%	104	50-200	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene-D5		%	107	50-200	NA	NA	NA	NA	NA	NA	NA
1,4-Difluorobenzene		%	92	50-200	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene-D4		%	95	71-126	NA	NA	NA	NA	NA	NA	NA
Toluene-D8		%	76	73-120	NA	NA	NA	NA	NA	NA	NA
p-Bromofluorobenzene		%	88	66-137	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane-D4		%									

NA = Not Applicable ND = Not Detected

Date: 03/14/2008
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Report: AN0326

Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID Job No Sample Date	Lab ID	ML MSB 3/12		MSB48 A08-2044		MSB49 A08-2044		MSB 3/12 A08-2044		Reporting Limit
		MSB 3/12 A08-2044	A8B1163407	MSB48 A08-2044	A8B1141801	MSB49 A08-2044	A8B1146701	MSB 3/12 A08-2044	A8B1166203	
Analyte	units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Sample Value	Sample Value	Reporting Limit	
Acetone	ug/kg	ND	560	170	25	180	25	ND	560	
Benzene	ug/kg	2900	110	52	5	50	5	ND	110	
Bromodichloromethane	ug/kg	ND	110	49	5	47	5	ND	110	
Bromotform	ug/kg	ND	110	38	5	38	5	ND	110	
Bromoethane	ug/kg	ND	110	70	5	60	5	ND	110	
2-Butanone	ug/kg	ND	560	160	25	180	25	ND	560	
Carbon Disulfide	ug/kg	ND	110	55	5	52	5	ND	110	
Carbon Tetrachloride	ug/kg	ND	110	53	5	52	5	ND	110	
Chlorobenzene	ug/kg	2800	110	49	5	47	5	ND	110	
Chloroethane	ug/kg	ND	110	80	5	73	5	ND	110	
Chlorotform	ug/kg	ND	110	49	5	48	5	ND	110	
Chloroethane	ug/kg	ND	110	56	5	52	5	ND	110	
Cyclohexane	ug/kg	ND	110	56	5	55	5	ND	110	
1,2-dibromo-3-chloropropane	ug/kg	ND	110	30	5	35	5	ND	110	
Dibromochloromethane	ug/kg	ND	110	45	5	43	5	ND	110	
Dichlorodifluoromethane	ug/kg	ND	110	66	5	60	5	ND	110	
1,2-dibromoethane	ug/kg	ND	110	40	5	40	5	ND	110	
1,2-Dichlorobenzene	ug/kg	ND	110	50	5	49	5	ND	110	
1,3-Dichlorobenzene	ug/kg	ND	110	52	5	51	5	ND	110	
1,4-Dichlorobenzene	ug/kg	ND	110	52	5	51	5	ND	110	
1,1-Dichloroethane	ug/kg	ND	110	52	5	51	5	ND	110	
1,2-Dichloroethane	ug/kg	ND	110	44	5	43	5	ND	110	
1,1-Dichloroethene	ug/kg	ND	110	60	5	54	5	ND	110	
cis-1,2-Dichloroethene	ug/kg	ND	110	51	5	49	5	ND	110	
trans-1,2-Dichloroethene	ug/kg	ND	110	52	5	51	5	ND	110	
1,2-Dichloropropane	ug/kg	ND	110	49	5	47	5	ND	110	
cis-1,3-Dichloropropene	ug/kg	ND	110	49	5	47	5	ND	110	
trans-1,3-Dichloropropene	ug/kg	ND	110	45	5	45	5	ND	110	
Ethylbenzene	ug/kg	ND	110	52	5	52	5	ND	110	
2-Hexanone	ug/kg	ND	560	160	25	190	25	ND	560	
Isopropylbenzene	ug/kg	ND	110	50	5	50	5	ND	110	
Methyl acetate	ug/kg	ND	110	36	5	41	5	ND	110	
Methylene chloride	ug/kg	ND	110	44	5	42	5	ND	110	
Methyl-t-Butyl Ether (MTBE)	ug/kg	ND	110	46	5	46	5	ND	110	
4-Methyl-2-pentanone	ug/kg	ND	560	180	25	190	25	ND	560	
Methylcyclohexane	ug/kg	ND	110	56	5	56	5	ND	110	
Styrene	ug/kg	ND	110	50	5	49	5	ND	110	
1,1,2,2-Tetrachloroethane	ug/kg	ND	110	40	5	42	5	ND	110	
Tetrachloroethene	ug/kg	ND	110	53	5	53	5	ND	110	
Toluene	ug/kg	2900	110	51	5	51	5	ND	110	
1,2,4-Trichlorobenzene	ug/kg	ND	110	49	5	50	5	ND	110	
1,1,1-Trichloroethane	ug/kg	ND	110	53	5	53	5	ND	110	
1,1,2-Trichloroethane	ug/kg	ND	110	43	5	42	5	ND	110	

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Benchmark - 3773 Lakeshore Rd. site
METHOD 8260 - TCL VOLATILE ORGANICS

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Client ID Job No Sample Date	Lab ID	ML MSB 3/12		MSB48 A08-2044		MSB49 A08-2044		MSB 3/12 A08-2044	
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	ug/kg	ND	110	57	5	54	5	ND	110
Trichloroethene	ug/kg	3000	110	52	5	51	5	3500	110
Trichlorofluoromethane	ug/kg	ND	110	60	5	57	5	ND	110
Vinyl chloride	ug/kg	ND	220	58	10	54	10	ND	220
Total Xylenes	ug/kg	ND	340	150	15	150	15	ND	340
IS/SURROGATE(S)									
Chlorobenzene-D5	%	90	50-200	99	50-200	107	50-200	95	50-200
1,4-Difluorobenzene	%	92	50-200	97	50-200	107	50-200	105	50-200
1,4-Dichlorobenzene-D4	%	89	50-200	102	50-200	104	50-200	94	50-200
1,2-Dichloroethane-D4	%	107	10-190	93	61-136	92	61-136	142	10-190
Toluene-D8	%	99	10-190	112	71-125	109	71-125	146	10-190
P-Bromofluorobenzene	%	98	10-190	105	72-126	101	72-126	128	10-190

NA = Not Applicable ND = Not Detected

TestAmerica Lab

Date: 03/14/2008
Time: 14:38:09

Report: AN0326

Benchmark
Benchmark - 3773 Lakeshore Rd. site
TCL VOAS(4.2)-SW8463 8250 - 5 ML PURGE

Client ID Job No Sample Date	Lab ID	MSB64 AO8-2044	A8B1170601	Sample Value	Reporting Limit						
Analyte	Units										
Acetone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ug/L	25	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/L	23	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-dibromoethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-dibromo-3-chloropropane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	26	1.0	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	ug/L	ND	5.0	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	ug/L	24	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not Applicable

ND = Not Detected

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TestAmerica Lab

Date: 03/14/2008
Time: 14:38:09

Report #: AN0326

Benchmark - 3773 Lakeshore Rd. site
TCL VOAS(4.2)-SW8463 8260 - 5 ML PURGE

22/32

Client ID Job No Sample Date	Lab ID	MSB64 A08-2044	A8B1170601	Benchmark					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoromethane	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Trichlorofluoroethene	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
Vinyl chloride	ug/L	25	1.0	NA	NA	NA	NA	NA	NA
Total xylenes	ug/L	ND	1.0	NA	NA	NA	NA	NA	NA
<u>IS/SURROGATE(S)</u>									
Chlorobenzene-D5	%	108	50-200	NA	NA	NA	NA	NA	NA
1,4-Difluorobenzene	%	108	50-200	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene-D4	%	99	50-200	NA	NA	NA	NA	NA	NA
Toluene-D8	%	93	71-126	NA	NA	NA	NA	NA	NA
p-Bromoifluorobenzene	%	76	73-120	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane-D4	%	88	66-137	NA	NA	NA	NA	NA	NA

NA = Not Applicable

ND = Not Detected

TestAmerica Lab

Date : 03/14/2008 14:38:22

Rept: AN0364

Client Sample ID: ML VBLK 3/12
Lab Sample ID: A8B1163408ML MSB 3/12
A8B1163407

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
Benzene	UG/KG	2930	2815	104	10-190
Toluene	UG/KG	2907	2815	103	10-190
Chlorobenzene	UG/KG	2799	2815	99	10-190
Trichloroethene	UG/KG	3042	2815	108	10-190
1,1-Dichloroethene	UG/KG	3274	2815	116	10-190

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* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

TestAmerica Laboratories Inc.

Date : 03/14/2008 14:38:22

Rept: AN0364

Client Sample ID: VBLK48
Lab Sample ID: A8B1141802MSB48
A8B1141801

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/KG	60.0	50.0	120	65-146
Trichloroethene	UG/KG	51.6	50.0	103	74-127
Benzene	UG/KG	51.8	50.0	104	74-128
Toluene	UG/KG	50.7	50.0	101	74-123
Chlorobenzene	UG/KG	49.0	50.0	98	76-124

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* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

TestAmerica Laboratories Inc.

Date : 03/14/2008 14:38:22

Rept: AN0364

Client Sample ID: VBLK49
Lab Sample ID: A8B1146702MSB49
A8B1146701

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/KG	53.6	50.0	107	65-146
Trichloroethene	UG/KG	51.4	50.0	103	74-127
Benzene	UG/KG	50.0	50.0	100	74-128
Toluene	UG/KG	50.9	50.0	102	74-123
Chlorobenzene	UG/KG	47.2	50.0	94	76-124

* Indicates Result is outside QC Limits

NC = Not Calculated ND = Not Detected

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TestAmerica Laboratories Inc.

Client Sample ID: VBLK64
 Lab Sample ID: A8B1170602

MSB64
 A8B1170601

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
TCL VOAS(4,2)-SW8463 8260 - 5 ML PURGE	µg/L	26.0	25.0	104	65-142
1,1-Dichloroethene	µg/L	24.7	25.0	99	71-120
Trichloroethene	µg/L	25.2	25.0	101	67-126
Benzene	µg/L	24.2	25.0	97	69-120
Toluene	µg/L	23.4	25.0	94	73-120
Chlorobenzene					

Date : 03/14/2008 14:38:22

Rept: AN0364

Client Sample ID: vblk 3/12
 Lab Sample ID: A8B1166204

msb 3/12
 A8B1166203

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
Benzene	UG/KG	3376	2815	120	10-190
Toluene	UG/KG	3420	2815	121	10-190
Chlorobenzene	UG/KG	3240	2815	115	10-190
Trichloroethene	UG/KG	3519	2815	125	10-190
1,1-Dichloroethene	UG/KG	3129	2815	111	10-190

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Date:	03/14/2008	BENCHMARK ENVIRONMENTAL & ENGINEERING SCIENCE
Time:	14:38:42	SAMPLE CHRONOLOGY
		Rept #: AN0374 Page: 1

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	GW-1	SB18-B11(10-11) A08-2044 A8204404	SB18-B12(8-11) A08-2044 A8204405	SB18-B12(8-11) A08-2044 A8204405DL	SB18-B4(4-6) A08-2044 A8204402
Job No & Lab Sample ID	A08-2044 A8204401	02/29/2008 15:15 02/29/2008 18:15	02/29/2008 15:48 02/29/2008 18:15	02/29/2008 15:48 02/29/2008 18:15	02/29/2008 11:00 02/29/2008 18:15
Sample Date					
Received Date					
Extraction Date					
Analysis Date					
Extraction HT Met?	NA	03/07/2008 23:22	03/07/2008 02:40	03/12/2008 19:18	03/07/2008 01:24
Analytical HT Met?					
Sample Matrix					
Dilution Factor					
Sample wt/vol					
% Dry		YES SOIL LOW 1.0 5.18 GRAMS 90.52	YES SOIL LOW 1.0 5.4 GRAMS 94.01	YES SOIL MED 10.0 4.31 GRAMS 94.01	YES SOIL LOW 1.0 5.36 GRAMS 85.41

TCL VOAS(4.2)-SW8463 8260 - 5 ML PURGE

Client Sample ID	GW-1	SB18-B11(10-11) A08-2044 A8204404	SB18-B12(8-11) A08-2044 A8204405	SB18-B12(8-11) A08-2044 A8204405DL	SB18-B4(4-6) A08-2044 A8204402
Job No & Lab Sample ID	A08-2044 A8204401	02/29/2008 08:45 02/29/2008 18:15			
Sample Date					
Received Date					
Extraction Date					
Analysis Date					
Extraction HT Met?	03/14/2008 00:08				
Analytical HT Met?					
Sample Matrix					
Dilution Factor					
Sample wt/vol					
% Dry		YES WATER 1.0 0.005 LITERS	NA	NA	NA

NA = Not Applicable

Date: 03/14/2008
 Time: 14:38:42
 Rept #: AN0374
 Page: 2

BENCHMARK ENVIRONMENTAL & ENGINEERING SCIENCE
 SAMPLE CHRONOLOGY

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	SB18-B5(4-6) A08-2044 A8204403	SB18-B5(4-6) A08-2044 A8204403DL
Job No & Lab Sample ID	02/29/2008 02/29/2008	11:35 18:15
Sample Date Received Date Extraction Date	03/07/2008	01:49
Extraction HT Met? Analytical HT Met?	YES	-
Sample Matrix	SOIL	SOIL
Dilution Factor	1.0	4.0
Sample wt/vol % Dry	5.49 GRAMS 83.52	4.01 GRAMS 83.52

Date: 03/14/2008
Time: 14:38:42

BENCHMARK ENVIRONMENTAL & ENGINEERING SCIENCE
QC SAMPLE CHRONOLOGY

Rept #: AN0374
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METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	ML	MSB	3/12	MSB48	MSB49	MSB64	MSB	3/12
Job No & Lab Sample ID	A08-2044	A8B1163407	A08-2044	A8B1141801	A08-2044	A8B1146701	A08-2044	A8B1170601
Sample Date								
Received Date	03/12/2008	11:43		03/06/2008	22:17	03/07/2008	22:23	
Extraction Date	-			-		-	-	
Analysis Date								
Extraction HT Met?								
Analytical HT Met?								
Sample Matrix								
Dilution Factor								
Sample wt/vol	1.0	1.0		SOIL	LOW	SOIL	SOIL	
% Dry	4.44	GRAMS	100.00	5.0	GRAMS	1.0	1.0	
				100.00		5.0	4.44	GRAMS
								100.00

TCL VOAS(4,2)-SU8463 8260 - 5 ML PURGE

Client Sample ID	ML	MSB	3/12	MSB48	MSB49	MSB64	MSB	3/12
Job No & Lab Sample ID	A08-2044	A8B1163407	A08-2044	A8B1141801	A08-2044	A8B1146701	A08-2044	A8B1170601
Sample Date								
Received Date								
Extraction Date								
Analysis Date								
Extraction HT Met?								
Analytical HT Met?								
Sample Matrix								
Dilution Factor								
Sample wt/vol								
% Dry								

NA = Not Applicable

Date: 03/14/2008
Time: 14:38:42

BENCHMARK ENVIRONMENTAL & ENGINEERING SCIENCE
QC SAMPLE CHRONOLOGY

Rept #: AN0374
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NA = Not Applicable

TestAmerica Laboratories Inc.

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID	ML VBLK 3/12 A08-2044 A8B1163408	VBLK48 A08-2044 A8B1141802	VBLK49 A08-2044 A8B1146702	VBLK64 A08-2044 A8B1170602	VBLK 3/12 A08-2044 A8B1166204
Sample Date					
Received Date					
Analysis Date	03/12/2008 12:09	03/06/2008 22:43	03/07/2008 22:48	03/12/2008 23:58	
Extraction HT Met?	-	-	-	-	
Analytical HT Met?	-	SOIL MED	SOIL LOW	-	
Sample Matrix	SOIL	LOW	SOIL	SOIL	
Dilution Factor	1.0	1.0	1.0	1.0	MED
Sample Wt/vol	4.75	5.0	5.0	4.75	
% Dry	100.00	100.00	100.00	100.00	GRAMS

TCL VOAS(4.2)-SH8463 8260 - 5 ML PURGE

Client Sample ID	ML VBLK 3/12 A08-2044 A8B1163408	VBLK48 A08-2044 A8B1141802	VBLK49 A08-2044 A8B1146702	VBLK64 A08-2044 A8B1170602	VBLK 3/12 A08-2044 A8B1166204
Sample Date					
Received Date					
Extraction Date					
Analysis Date					
Extraction HT Met?					
Analytical HT Met?					
Sample Matrix					
Dilution Factor					
Sample Wt/vol					
% Dry					

*Chain of
Custody Record*

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THE LEADER IN ENVIRONMENTAL TESTING

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