BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

June 10, 2008

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

Re: 3773 Lake Shore Road, Blasdell, NY
Area B - Diesel-Impacted Soil/Fill
Remedial Measures Summary Report

Dear Mr. Walia:

In accordance with our December 19, 2007 Corrective Action Plan, Benchmark Environmental Engineering and Science, PLLC (Benchmark) has completed remedial activities associated with the diesel-impacted soil/fill in Area "B" of the subject Site (see Figure 1).

This report has been prepared to document the excavation and backfill activities, and present confirmatory sampling laboratory analytical results. Specifically, this report provides:

- A summary of excavation and backfill activities
- Community air monitoring data
- Confirmatory sampling analytical results
- Waste disposal records
- Photographs of the remedial work; and
- Conclusions

EXCAVATION ACTIVITIES

Diesel-impacted soil/fill excavation activities were undertaken on May 14th, 2008. The excavation work was performed by AAA Environmental, Inc of Rochester, New York under contract to Benchmark. Benchmark's geologist, Mr. Thomas Behrendt, was onsite to observe the excavation activities and perform confirmatory sampling. Prior to initiating work activities, underground utilities were located within the area of the excavation. Photo documentation of the site activities is included in Attachment 1.

A hydraulic track excavator was used to direct load the soils into dump trailers and tandem trucks provided by Waste Management, Inc. The excavation was initiated

near the former marina building and proceeded laterally and with depth until visual, olfactory and photoionization detector (PID) readings indicated no residual impacts. The final excavation area measured approximately 29' in length x 25' wide, with a depth varying from approximately 5' to 9' below grade (est. 315 cubic yards, total). In addition, soil/fill material was excavated in the vicinity of historic investigation test pit ETP-6. The area excavated was approximately 6' in length x 6' wide x 4' in depth (est. 5 cubic yards). No visible, olfactory or PID evidence of contamination was detected in the ETP-6 excavation. With the exception of small pockets of perched water, no groundwater was observed in either excavation area.

The impacted soil/fill material was approved for disposal at Waste Management's, Inc sanitary landfill located in Chaffee, New York. A total of 341.67 tons of impacted soil was transported to the landfill. A copy of the scale tonnage disposal record from Waste Management is presented in Attachment 2.

COMMUNITY AIR MONITORING

In accordance with the Corrective Action Plan, continuous particulate air monitoring was performed downwind of the excavation area during the soil/fill removal activities using a DataRam Aerosol Monitor. The instrument was calibrated to trigger an alarm if particulate concentrations exceeded 100 micrograms per cubic meter (ug/m3) greater than background for a 15-minute running average. Particulate readings were automatically logged at 15-minute intervals throughout the day.

Particulate meter data is presented in Attachment 3. As indicated, the 15-minute average perimeter downwind particulate concentration did not exceed the 100 ug/m3 threshold at any time during the excavation work.

Periodic PID readings were obtained in the breathing zone immediately downgradient of the excavation. No PID readings above background (0.0 ppm) were recorded.

CONFIRMATORY SOIL SAMPLING

Following soil removal, one confirmatory soil sample was collected from the four sidewalls of the excavation (identified as North Wall, South Wall, East Wall, and West Wall) and two from the bottom (identified as Bottom 1 and Bottom 2). Sidewall samples were collected by scraping the bucket of the excavator across the excavation wall. Dedicated stainless steel spoons and pans were used to prepare/transfer representative samples to laboratory–provided glass jars. The samples were cooled to 4°C in the field and transported, under chain of custody command, to Test America, Inc located in Amherst, New York for analysis of NYSDEC STARs List volatile

organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) in accordance with USEPA SW-846 Methods 8021 and 8270, respectively.

CONFIRMATORY SAMPLE RESULTS

The soil analytical results for the confirmatory samples are summarized in Table 1. Each compound that was detected is listed on the table with its associated result to provide a complete data summary. NYSDEC Technical Assistance and Guidance Memorandum (TAGM) HWR-94-4046 Recommended Soil Cleanup Objectives (RSCOs) are also presented on Table 1 for comparative purposes. A copy of the laboratory analytical data package is included in Attachment 4.

As indicated on Table 1, VOCs were generally reported at not detectable concentrations or at levels well below TAGM RSCOs in each of the confirmatory samples. Similarly, no SVOCs were detected above TAGM RSCOs in the confirmatory samples collected from the South and West sidewalls, or from the bottom of the excavation. All samples also met the total (combined) VOC and SVOC criteria of 10 and 500 mg/kg, respectively.

Limited/minor exceedances of the individual SVOC RSCOs were reported for the north and east sidewall samples. In all instances, however, the reported exceedances were for polyaromatic hydrocarbons, which tend to be ubiquitous in Western NY fill materials (and in fact were anticipated in the December 19 Work Plan). Based on the observed presence of fill materials in the sidewall soil/fill, particularly the north and east sidewalls which were partially slumped and therefore more positively biased by shallow fill material, as well as the absence of remaining visual, olfactory or PID evidence of petroleum contamination in the completed excavation, the exceedances are believed attributable to fill material.

BACKFILL AND RESTORATION

Backfill activities were completed on May 27, 2008. Backfill was comprised of steel slag backfill under Beneficial Use Determination (BUD) # 555-9-15 granted to Tecumseh Redevelopment, Inc. by the NYSDEC. Backfill material was compacted using the excavator and smoothed with the excavator bucket to match final grade.

CONCLUSIONS

Based on the field observations and measurements and the confirmatory analytical results, impacted soil/fill in Area B of the subject site has been remediated in accordance with the requirements of the December 2007 NYSDEC-approved Corrective Action Plan. Therefore, on behalf of 3773 Lake Shore Road, Inc., Benchmark respectfully requests that NYSDEC issue formal notification that no further action is required under the Stipulation for Area B.

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.
Att.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF CONFIRMATORY SOIL SAMPLE ANALYTICAL RESULTS
May 14th, 2008
AREA B
3773 Lakeshore Road
Hamburg, New York

Parameter	Confirmatory Sample Locations						TAGM 4046 RSCOs (mg/Kg)[2]
	North Wall	South Wall	East Wall	West Wall	Bottom #1	Bottom #2	
STARS Volatile Organic Compounds (VOCs) - mg/kg [1]							
Benzene	ND	ND	ND	ND	ND	ND	**0.06**
Ethylbenzene	ND	0.0012	ND	ND	ND	ND	**5.5**
Isopropylbenzene	0.0095 J	ND	ND	ND	ND	ND	**5**
Methyl tert butyl ether (MTBE)	ND	ND	ND	ND	ND	ND	**0.12**
Toluene	ND	ND	ND	ND	ND	ND	**1.5**
m-Xylene	ND	ND	ND	ND	ND	ND	**1.2**
o-Xylenes	0.003	0.008 J	0.0067 J	ND	ND	ND	**1.2**
p-Xylene	ND	ND	ND	ND	ND	ND	**1.2**
Total Xylene	0.003 BJ	0.008 J	ND	ND	ND	ND	**1.2**
n-Propylbenzene	ND	ND	ND	ND	ND	ND	**11**
p-Cymene	0.0031	0.0017	0.0094 J	ND	ND	ND	**--**
1,2,4-Trimethylbenzene	0.016	ND	0.0018	ND	ND	ND	**13**
1,3,5-Trimethylbenzene	0.0022	ND	ND	ND	ND	ND	**3**
n-Butylbenzene	0.013	ND	ND	ND	ND	ND	**18**
sec-Butylbenzene	0.0047	0.0031	0.001	ND	0.0015	0.001 J	**25**
tert-Butylbenzene	ND	ND	ND	0.0064 J	ND	ND	**25**
Total VOCs	0.0545	0.022	0.0189	0.0064	0.0015	0.001	**<10**
STARS List Semi-Volatile Organic Compounds (SVOCs) - mg/kg							
Acenaphthylene	ND	ND	0.023 J	ND	ND	0.01 J	**41.0**
Acenaphthene	0.76 J	ND	0.033 J	ND	ND	0.016 J	**50.0**
Anthracene	1.9	ND	0.055 J	ND	ND	0.02 J	**50.0**
Benzo(a)anthracene	**4.3**	0.037 J	0.018 J	ND	0.014 J	0.015 J	**0.224**
Benzo(b)fluoranthene	**5.8**	0.043 J	0.024	ND	0.013 J	0.017 J	**1.1**
Benzo(k)fluoranthene	ND	0.011 J	0.063 J	ND	ND	ND	**1.1**
Benzo(g,h,i)perylene	2.2	0.022 J	0.15 J	ND	ND	0.01 J	**50.0**
Benzo(a)pyrene	**3.4**	0.026 J	**0.16 J**	ND	0.0092 J	ND	**0.061**
Chrysene	**4.1**	0.035 J	0.19 J	ND	0.0076 J	0.01 J	**0.4**
Dibenzo(a,h)anthracene	**0.57 J**	ND	**0.039 J**	ND	ND	ND	**0.014**
Fluoranthene	12	0.066 J	0.40	ND	0.022 J	0.026 J	**50.0**
Fluorene	0.81 J	ND	0.052 J	ND	ND	0.026 J	**50.0**
Indeno(1,2,3-cd)pyrene	2.0	0.017 J	0.13 J	ND	ND	ND	**3.2**
Naphthalene	ND	ND	0.012 J	ND	ND	ND	**13.0**
Phenanthrene	7.4	0.035 J	0.24	ND	0.016 J	0.069 J	**50.0**
Pyrene	8.2	0.054 J	0.33	ND	0.02 J	0.028 J	**50.0**
Total SVOCs	53.44	0.346	1.919	0	0.1018	0.247	**<500**

Notes:
1. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to RSCOs
2. Recommended Soil Cleanup Objectives (RSCOs) per NYSDEC Technical Assistance and Guidance Memorandum (TAGM) HWR-94-4046

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No RSCO published.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Exceeds TAGM

ATTACHMENT 1

SITE PHOTOGRAPHS

BENCHMARK
ENVIRONMENTAL
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PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Harter Secrest & Emery	3773 Lakeshore Road	109-001-100

Photo No.	Date
1	05/14/08

Direction Photo Taken:
East

Description:
Excavation of Southwall.

Photo No.	Date
2	05/14/08

Direction Photo Taken:
North

Description:
Removing impacted soils.

Prepared By: TAB

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Harter Secrest & Emery	3773 Lakeshore Road	109-001-100

Photo No.	Date
3	05/14/08

Direction Photo Taken:
South

Description:
Removing impacted soils.

Photo No.	Date
4	05/14/08

Direction Photo Taken:
North

Description:
Excavation of Northwall.

Prepared By: TAB

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Harter Secrest & Emery	3773 Lakeshore Road	109-001-100

Photo No.	Date
5	05/14/08

Direction Photo Taken:
Northwest

Description:
Excavation extents northwest corner.

Photo No.	Date
6	05/14/08

Direction Photo Taken:
Southwest

Description:
Excavation extents southwest corner.

Prepared By: TAB

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Harter Secrest & Emery	3773 Lakeshore Road	109-001-100

Photo No.	Date
7	05/14/08

Direction Photo Taken:
east

Description:
Excavation extents eastwall.

Photo No.	Date
8	05/14/08

Direction Photo Taken:
North

Description:
Excavation extents northeast corner.

Prepared By: TAB

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Harter Secrest & Emery	3773 Lakeshore Road	109-001-100

Photo No.	Date
9	05/27/08

Direction Photo Taken:
North

Description:
Backfilling of excavation

ATTACHMENT 2

COMMUNITY AIR MONITORING DATA

5 14 08
3773 Lakeshore road
0109-001-300
Downwind #1

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 61
"Start Time ", 07:35:32
"Start Date ", 14-May-2008
"Log Period ", 00:15:00
"Number   ", 28
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 14.297070
"Max MASS @ ", 21 ,12:50:32 ,14-May-2008
"Avg MASS   ", 10.399350
"Max Diam   ", 0.341461
"Max Diam @ ", 6 ,09:05:32 ,14-May-2008
"Avg Diam   ", 0.281501
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	8.9,	19.8,	37,	0.3253	,07:50:32	,14-May-2008
2,	9.8,	19.2,	40,	0.3224	,08:05:32	,14-May-2008
3,	8.5,	19.4,	41,	0.3240	,08:20:32	,14-May-2008
4,	7.0,	19.9,	41,	0.3367	,08:35:32	,14-May-2008
5,	7.6,	20.3,	41,	0.3259	,08:50:32	,14-May-2008
6,	10.2,	21.0,	40,	0.3415	,09:05:32	,14-May-2008
7,	9.1,	22.0,	39,	0.3286	,09:20:32	,14-May-2008
8,	8.6,	22.8,	37,	0.3006	,09:35:32	,14-May-2008
9,	9.3,	23.5,	36,	0.2774	,09:50:32	,14-May-2008
10,	11.8,	24.2,	35,	0.2976	,10:05:32	,14-May-2008
11,	11.8,	25.0,	33,	0.2609	,10:20:32	,14-May-2008
12,	10.9,	25.3,	33,	0.2616	,10:35:32	,14-May-2008
13,	9.8,	26.0,	32,	0.2396	,10:50:32	,14-May-2008
14,	10.9,	26.4,	31,	0.2534	,11:05:32	,14-May-2008
15,	9.4,	26.2,	31,	0.2427	,11:20:32	,14-May-2008
16,	10.4,	25.9,	31,	0.2377	,11:35:32	,14-May-2008
17,	11.2,	26.0,	32,	0.2468	,11:50:32	,14-May-2008
18,	10.9,	26.0,	32,	0.2464	,12:05:32	,14-May-2008
19,	9.8,	25.9,	32,	0.2306	,12:20:32	,14-May-2008
20,	11.7,	26.2,	32,	0.2701	,12:35:32	,14-May-2008
21,	14.3,	26.7,	32,	0.3144	,12:50:32	,14-May-2008
22,	13.7,	26.8,	31,	0.3111	,13:05:32	,14-May-2008
23,	12.6,	26.4,	31,	0.2654	,13:20:32	,14-May-2008
24,	12.8,	25.8,	32,	0.2805	,13:35:32	,14-May-2008
25,	10.9,	25.2,	33,	0.2664	,13:50:32	,14-May-2008
26,	9.9,	24.9,	33,	0.2524	,14:05:32	,14-May-2008
27,	9.8,	24.7,	34,	0.2495	,14:20:32	,14-May-2008
28,	9.5,	24.7,	34,	0.2725	,14:35:32	,14-May-2008

ATTACHMENT 3

DIESEL IMPACTED SOIL/FILL
SCALE TONNAGE SUMMARY

Customer Summary Report

CID - Chaffee Landfill
10860 Olean Road
Chaffee, NY 14030
716 496 5192
716 496 5500 fax

Date: May 29 2008, 12:54:32 PM - Central Standard Time
Operation Type: All
Customer Name: 3773LAKESHORE/BENCHMARK(103124NY) (BENCHMARK ENVIRONMENTAL ENG)
Ticket Type: All
Customer Type: All
PMT Category: All

Ticket Date	Ticket ID	Cust Code	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Tons
5/14/2008	233219	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	101	Cont Soil Pet-RGC-To	ERI	TON	22.22
5/14/2008	233220	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	148	Cont Soil Pet-RGC-To	ERI	TON	25.27
5/14/2008	233222	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	83	Cont Soil Pet-RGC-To	ERI	TON	26.42
5/14/2008	233236	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	109-T70	Cont Soil Pet-RGC-To	ERI	TON	26.42
5/14/2008	233237	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	111-T50	Cont Soil Pet-RGC-To	ERI	TON	31.71
5/14/2008	233246	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	600	Cont Soil Pet-RGC-To	ERI	TON	23.13
5/14/2008	233265	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	110-T62	Cont Soil Pet-RGC-To	ERI	TON	30.68
5/14/2008	233266	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	110-T62	Cont Soil Pet-RGC-To	ERI	TON	30.09
5/14/2008	233294	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	108-T63	Cont Soil Pet-RGC-To	ERI	TON	32.22
5/14/2008	233295	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	108-T63	Cont Soil Pet-RGC-To	ERI	TON	27.7
5/14/2008	233296	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	148	Cont Soil Pet-RGC-To	ERI	TON	17.12
5/14/2008	233297	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	101	Cont Soil Pet-RGC-To	ERI	TON	22.58
5/14/2008	233298	1660	BENCHMARK ENVIRONMENTAL ENG	190-3773LAKESHORERD	NA	103124NY	83	Cont Soil Pet-RGC-To	ERI	TON	26.11
Material Total	13										341.67
Customer Total	13										341.67
Ticket Totals	13										341.67

Internal Customer	Loads	Yards	Tons	
External Customer	**Loads**	**Yards**	**Tons**	
ENG	13	0	341.67	

ATTACHMENT 4

LABORATORY ANALYTICAL DATA

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

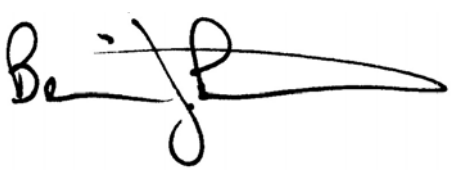
ANALYTICAL REPORT

Job#: A08-5424

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 Fischer
Project Manager

05/22/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8542405	BOTTOM#1	SOIL	05/14/2008	13:41	05/14/2008	15:55
A8542406	BOTTOM#2	SOIL	05/14/2008	13:46	05/14/2008	15:55
A8542404	EASTWALL	SOIL	05/14/2008	14:00	05/14/2008	15:55
A8542401	NORTHWALL	SOIL	05/14/2008	14:01	05/14/2008	15:55
A8542403	SOUTHWALL	SOIL	05/14/2008	13:36	05/14/2008	15:55
A8542402	WESTWALL	SOIL	05/14/2008	13:53	05/14/2008	15:55

METHODS SUMMARY

Job#: A08-5424

Project#: NY4A9217
Site Name: Benchmark

PARAMETER	ANALYTICAL METHOD
METHOD 8021 - VOLATILE ORGANICS (STARS)	SW8463 8021
SOIL SW8463 8270 - STARS LIST	SW8463 8270

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#: A08-5424

Project#: NY4A9217
Site Name: Benchmark

General 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

A08-5424
Sample Cooler(s) were received at the following temperature(s); 3.8 °C
All samples were received in good condition.

GC Volatile Data

For method 8021, Methyl-t-Butyl Ether exhibited positive bias and a % difference result greater than 15% in the associated continuing calibration verifications. No corrective action was taken, all field samples are non-detect for this analyte.

GC/MS Semivolatile Data

The chromatographic peaks for Benzo(b)fluoranthene and Benzo(k)fluoranthene could not be resolved for sample NORTHWALL due to the sample matrix. The final value is reported as Benzo(b)fluoranthene in this data package but should be considered an and/or value for both compounds.

****

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.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
NORTHWALL	A8542401	8270	10.00	012

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

TestAmerica
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.

Client ID		BOTTOM#1		BOTTOM#2		EASTWALL		NORTHWALL	
Job No	Lab ID	A08-5424	A8542405	A08-5424	A8542406	A08-5424	A8542404	A08-5424	A8542401
Sample Date		05/14/2008		05/14/2008		05/14/2008		05/14/2008	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
Ethylbenzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
Toluene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
o-Xylene	UG/KG	ND	1.1	ND	1.1	0.67 J	1.0	3.0	1.0
m-Xylene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
p-Xylene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
Total Xylenes	UG/KG	ND	3.2	ND	3.2	ND	3.1	3.0 BJ	3.1
Isopropylbenzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	0.95 J	1.0
n-Propylbenzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
p-Cymene	UG/KG	ND	1.1	ND	1.1	0.94 J	1.0	3.1	1.0
1,2,4-Trimethylbenzene	UG/KG	ND	1.1	ND	1.1	1.8	1.0	16	1.0
1,3,5-Trimethylbenzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	2.2	1.0
n-Butylbenzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	13	1.0
sec-Butylbenzene	UG/KG	1.5	1.1	1.0 J	1.1	1.0	1.0	4.7	1.0
tert-Butylbenzene	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	1.1	ND	1.1	ND	1.0	ND	1.0
SURROGATE(S)									
p-Bromofluorobenzene	%	101	66-138	100	66-138	115	66-138	121	66-138
a,a,a-Trifluorotoluene	%	100	66-141	100	66-141	115	66-141	116	66-141

NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		SOUTHWALL A08-5424 A8542403 05/14/2008		WESTWALL A08-5424 A8542402 05/14/2008					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	1.2	ND	0.86	NA		NA	
Ethylbenzene	UG/KG	1.2	1.2	ND	0.86	NA		NA	
Toluene	UG/KG	ND	1.2	ND	0.86	NA		NA	
o-Xylene	UG/KG	0.80 J	1.2	ND	0.86	NA		NA	
m-Xylene	UG/KG	ND	1.2	ND	0.86	NA		NA	
p-Xylene	UG/KG	ND	1.2	ND	0.86	NA		NA	
Total Xylenes	UG/KG	0.80 J	3.6	ND	2.6	NA		NA	
Isopropylbenzene	UG/KG	ND	1.2	ND	0.86	NA		NA	
n-Propylbenzene	UG/KG	ND	1.2	ND	0.86	NA		NA	
p-Cymene	UG/KG	1.7	1.2	ND	0.86	NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	1.2	ND	0.86	NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	1.2	ND	0.86	NA		NA	
n-Butylbenzene	UG/KG	ND	1.2	ND	0.86	NA		NA	
sec-Butylbenzene	UG/KG	3.1	1.2	ND	0.86	NA		NA	
tert-Butylbenzene	UG/KG	ND	1.2	0.64 J	0.86	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	1.2	ND	0.86	NA		NA	
SURROGATE(S)									
p-Bromofluorobenzene	%	104	66-138	118	66-138	NA		NA	
a,a,a-Trifluorotoluene	%	100	66-141	116	66-141	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID	BOTTOM#1		BOTTOM#2		EASTWALL		NORTHWALL	
Job No / Lab ID	A08-5424	A8542405	A08-5424	A8542406	A08-5424	A8542404	A08-5424	A8542401
Sample Date	05/14/2008		05/14/2008		05/14/2008		05/14/2008	

Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthylene	MG/KG	ND	0.19	0.010 J	0.21	0.023 J	0.20	ND	1.8
Acenaphthene	MG/KG	ND	0.19	0.016 J	0.21	0.033 J	0.20	0.76 J	1.8
Anthracene	MG/KG	ND	0.19	0.020 J	0.21	0.055 J	0.20	1.9	1.8
Benzo(a)anthracene	MG/KG	0.014 J	0.19	0.015 J	0.21	0.18 J	0.20	4.3	1.8
Benzo(b)fluoranthene	MG/KG	0.013 J	0.19	0.017 J	0.21	0.24	0.20	5.8	1.8
Benzo(k)fluoranthene	MG/KG	ND	0.19	ND	0.21	0.063 J	0.20	ND	1.8
Benzo(ghi)perylene	MG/KG	ND	0.19	0.010 J	0.21	0.15 J	0.20	2.2	1.8
Benzo(a)pyrene	MG/KG	0.0092 J	0.19	ND	0.21	0.16 J	0.20	3.4	1.8
Chrysene	MG/KG	0.0076 J	0.19	0.010 J	0.21	0.19 J	0.20	4.1	1.8
Dibenzo(a,h)anthracene	MG/KG	ND	0.19	ND	0.21	0.039 J	0.20	0.57 J	1.8
Fluoranthene	MG/KG	0.022 J	0.19	0.026 J	0.21	0.40	0.20	12	1.8
Fluorene	MG/KG	ND	0.19	0.026 J	0.21	0.052 J	0.20	0.81 J	1.8
Indeno(1,2,3-cd)pyrene	MG/KG	ND	0.19	ND	0.21	0.13 J	0.20	2.0	1.8
Naphthalene	MG/KG	ND	0.19	ND	0.21	0.012 J	0.20	ND	1.8
Phenanthrene	MG/KG	0.016 J	0.19	0.069 J	0.21	0.24	0.20	7.4	1.8
Pyrene	MG/KG	0.020 J	0.19	0.028 J	0.21	0.33	0.20	8.2	1.8
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	107	50-200	96	50-200	108	50-200	102	50-200
Naphthalene-D8	%	102	50-200	90	50-200	102	50-200	98	50-200
Acenaphthene-D10	%	93	50-200	78	50-200	88	50-200	86	50-200
Phenanthrene-D10	%	83	50-200	72	50-200	80	50-200	79	50-200
Chrysene-D12	%	85	50-200	80	50-200	86	50-200	90	50-200
Perylene-D12	%	100	50-200	91	50-200	100	50-200	102	50-200
Nitrobenzene-D5	%	75	35-120	76	35-120	68	35-120	67	35-120
2-Fluorobiphenyl	%	82	43-120	85	43-120	80	43-120	83	43-120
p-Terphenyl-d14	%	85	51-125	80	51-125	80	51-125	79	51-125
Phenol-D5	%	70	36-120	68	36-120	62	36-120	61	36-120
2-Fluorophenol	%	64	30-120	63	30-120	56	30-120	54	30-120
2,4,6-Tribromophenol	%	100	46-129	96	46-129	95	46-129	77	46-129

NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		SOUTHWALL A08-5424 A8542403 05/14/2008		WESTWALL A08-5424 A8542402 05/14/2008					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthylene	MG/KG	ND	0.25	ND	0.19	NA		NA	
Acenaphthene	MG/KG	ND	0.25	ND	0.19	NA		NA	
Anthracene	MG/KG	ND	0.25	ND	0.19	NA		NA	
Benzo(a)anthracene	MG/KG	0.037 J	0.25	ND	0.19	NA		NA	
Benzo(b)fluoranthene	MG/KG	0.043 J	0.25	ND	0.19	NA		NA	
Benzo(k)fluoranthene	MG/KG	0.011 J	0.25	ND	0.19	NA		NA	
Benzo(ghi)perylene	MG/KG	0.022 J	0.25	ND	0.19	NA		NA	
Benzo(a)pyrene	MG/KG	0.026 J	0.25	ND	0.19	NA		NA	
Chrysene	MG/KG	0.035 J	0.25	ND	0.19	NA		NA	
Dibenzo(a,h)anthracene	MG/KG	ND	0.25	ND	0.19	NA		NA	
Fluoranthene	MG/KG	0.066 J	0.25	ND	0.19	NA		NA	
Fluorene	MG/KG	ND	0.25	ND	0.19	NA		NA	
Indeno(1,2,3-cd)pyrene	MG/KG	0.017 J	0.25	ND	0.19	NA		NA	
Naphthalene	MG/KG	ND	0.25	ND	0.19	NA		NA	
Phenanthrene	MG/KG	0.035 J	0.25	ND	0.19	NA		NA	
Pyrene	MG/KG	0.054 J	0.25	ND	0.19	NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	96	50-200	100	50-200	NA		NA	
Naphthalene-D8	%	93	50-200	96	50-200	NA		NA	
Acenaphthene-D10	%	83	50-200	85	50-200	NA		NA	
Phenanthrene-D10	%	79	50-200	81	50-200	NA		NA	
Chrysene-D12	%	86	50-200	86	50-200	NA		NA	
Perylene-D12	%	96	50-200	96	50-200	NA		NA	
Nitrobenzene-D5	%	75	35-120	74	35-120	NA		NA	
2-Fluorobiphenyl	%	84	43-120	84	43-120	NA		NA	
p-Terphenyl-d14	%	82	51-125	84	51-125	NA		NA	
Phenol-D5	%	69	36-120	69	36-120	NA		NA	
2-Fluorophenol	%	64	30-120	64	30-120	NA		NA	
2,4,6-Tribromophenol	%	98	46-129	96	46-129	NA		NA	

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Client ID Job No Lab ID Sample Date		Method Blank(VBLK__) A08-5424 A8B1554402		Method Blank(VBLK__) A08-5424 A8B1559402					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
Ethylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
Toluene	UG/KG	ND	1.0	ND	1.0	NA		NA	
o-Xylene	UG/KG	ND	1.0	ND	1.0	NA		NA	
m-Xylene	UG/KG	ND	1.0	ND	1.0	NA		NA	
p-Xylene	UG/KG	ND	1.0	ND	1.0	NA		NA	
Total Xylenes	UG/KG	ND	3.0	1.1 J	3.0	NA		NA	
Isopropylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
n-Propylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
p-Cymene	UG/KG	ND	1.0	ND	1.0	NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
n-Butylbenzene	UG/KG	0.25 J	1.0	ND	1.0	NA		NA	
sec-Butylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
tert-Butylbenzene	UG/KG	ND	1.0	ND	1.0	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	0.87 J	1.0	ND	1.0	NA		NA	
SURROGATE(S)									
p-Bromofluorobenzene	%	102	66-138	114	66-138	NA		NA	
a,a,a-Trifluorotoluene	%	100	66-141	117	66-141	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		Matrix Spike Blank A08-5424 A8B1554401		Matrix Spike Blank A08-5424 A8B1559401					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	100	1.0	20	1.0	NA		NA	
Ethylbenzene	UG/KG	100	1.0	20	1.0	NA		NA	
Toluene	UG/KG	99	1.0	21	1.0	NA		NA	
o-Xylene	UG/KG	100	1.0	19	1.0	NA		NA	
m-Xylene	UG/KG	200 1	1.0	43 1	1.0	NA		NA	
p-Xylene	UG/KG	ND 1	1.0	ND 1	1.0	NA		NA	
Total Xylenes	UG/KG	300	3.0	62 B	3.0	NA		NA	
Isopropylbenzene	UG/KG	110	1.0	23	1.0	NA		NA	
n-Propylbenzene	UG/KG	99	1.0	21	1.0	NA		NA	
p-Cymene	UG/KG	100	1.0	23	1.0	NA		NA	
1,2,4-Trimethylbenzene	UG/KG	97	1.0	20	1.0	NA		NA	
1,3,5-Trimethylbenzene	UG/KG	98	1.0	21	1.0	NA		NA	
n-Butylbenzene	UG/KG	98 B	1.0	21	1.0	NA		NA	
sec-Butylbenzene	UG/KG	98	1.0	21	1.0	NA		NA	
tert-Butylbenzene	UG/KG	99	1.0	21	1.0	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	89 B	1.0	22	1.0	NA		NA	
SURROGATE(S)									
p-Bromofluorobenzene	%	102	66-138	113	66-138	NA		NA	
a,a,a-Trifluorotoluene	%	101	66-141	115	66-141	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Method Blank(SBLK__)							
Job No	Lab ID	A08-5424	A8B1527603						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthylene	MG/KG	ND	0.16	NA		NA		NA	
Acenaphthene	MG/KG	ND	0.16	NA		NA		NA	
Anthracene	MG/KG	ND	0.16	NA		NA		NA	
Benzo(a)anthracene	MG/KG	ND	0.16	NA		NA		NA	
Benzo(b)fluoranthene	MG/KG	ND	0.16	NA		NA		NA	
Benzo(k)fluoranthene	MG/KG	ND	0.16	NA		NA		NA	
Benzo(ghi)perylene	MG/KG	ND	0.16	NA		NA		NA	
Benzo(a)pyrene	MG/KG	ND	0.16	NA		NA		NA	
Chrysene	MG/KG	ND	0.16	NA		NA		NA	
Dibenzo(a,h)anthracene	MG/KG	ND	0.16	NA		NA		NA	
Fluoranthene	MG/KG	ND	0.16	NA		NA		NA	
Fluorene	MG/KG	ND	0.16	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	MG/KG	ND	0.16	NA		NA		NA	
Naphthalene	MG/KG	ND	0.16	NA		NA		NA	
Phenanthrene	MG/KG	ND	0.16	NA		NA		NA	
Pyrene	MG/KG	ND	0.16	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	98	50-200	NA		NA		NA	
Naphthalene-D8	%	94	50-200	NA		NA		NA	
Acenaphthene-D10	%	84	50-200	NA		NA		NA	
Phenanthrene-D10	%	80	50-200	NA		NA		NA	
Chrysene-D12	%	84	50-200	NA		NA		NA	
Perylene-D12	%	96	50-200	NA		NA		NA	
Nitrobenzene-D5	%	81	35-120	NA		NA		NA	
2-Fluorobiphenyl	%	92	43-120	NA		NA		NA	
p-Terphenyl-d14	%	89	51-125	NA		NA		NA	
Phenol-D5	%	76	36-120	NA		NA		NA	
2-Fluorophenol	%	71	30-120	NA		NA		NA	
2,4,6-Tribromophenol	%	101	46-129	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		Matrix Spike Blank A08-5424 A8B1527601		Matrix Spike Blk Dup A08-5424 A8B1527602					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthylene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Acenaphthene	MG/KG	2.8	0.17	2.8	0.17	NA		NA	
Anthracene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Benzo(a)anthracene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Benzo(b)fluoranthene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Benzo(k)fluoranthene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Benzo(ghi)perylene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Benzo(a)pyrene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Chrysene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Dibenzo(a,h)anthracene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Fluoranthene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Fluorene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Indeno(1,2,3-cd)pyrene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Naphthalene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Phenanthrene	MG/KG	ND	0.17	ND	0.17	NA		NA	
Pyrene	MG/KG	2.9	0.17	2.9	0.17	NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	106	50-200	104	50-200	NA		NA	
Naphthalene-D8	%	101	50-200	100	50-200	NA		NA	
Acenaphthene-D10	%	93	50-200	91	50-200	NA		NA	
Phenanthrene-D10	%	87	50-200	85	50-200	NA		NA	
Chrysene-D12	%	91	50-200	90	50-200	NA		NA	
Perylene-D12	%	101	50-200	99	50-200	NA		NA	
Nitrobenzene-D5	%	74	35-120	72	35-120	NA		NA	
2-Fluorobiphenyl	%	82	43-120	80	43-120	NA		NA	
p-Terphenyl-d14	%	83	51-125	83	51-125	NA		NA	
Phenol-D5	%	69	36-120	66	36-120	NA		NA	
2-Fluorophenol	%	64	30-120	61	30-120	NA		NA	
2,4,6-Tribromophenol	%	102	46-129	96	46-129	NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: Method Blank(VBLK__) Matrix Spike Blank
Lab Sample ID: A8B1554402 A8B1554401

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8021 - VOLATILE ORGANICS (STARS)					
Benzene	UG/KG	100	100	101	75-125
n-Butylbenzene	UG/KG	98.1	100	98	70-125
sec-Butylbenzene	UG/KG	97.7	100	98	75-125
tert-Butylbenzene	UG/KG	99.2	100	99	75-125
Ethylbenzene	UG/KG	101	100	102	75-125
Isopropylbenzene	UG/KG	108	100	108	75-125
p-Cymene	UG/KG	101	100	101	75-125
n-Propylbenzene	UG/KG	99.1	100	99	75-127
Toluene	UG/KG	99.3	100	99	60-140
1,2,4-Trimethylbenzene	UG/KG	97.0	100	97	75-125
1,3,5-Trimethylbenzene	UG/KG	98.4	100	98	75-125
o-Xylene	UG/KG	99.7	100	100	75-125
m-Xylene	UG/KG	203	200	102	75-125
Total Xylenes	UG/KG	303	300	101	75-125
Methyl-t-Butyl Ether (MTBE)	UG/KG	88.6	100	88	61-130

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

Client Sample ID: Method Blank(VBLK__) Matrix Spike Blank
Lab Sample ID: A8B1559402 A8B1559401

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8021 - VOLATILE ORGANICS (STARS)					
Benzene	UG/KG	20.3	20.0	102	75-125
n-Butylbenzene	UG/KG	20.6	20.0	103	70-125
sec-Butylbenzene	UG/KG	21.1	20.0	106	75-125
tert-Butylbenzene	UG/KG	21.1	20.0	106	75-125
Ethylbenzene	UG/KG	20.4	20.0	102	75-125
Isopropylbenzene	UG/KG	22.9	20.0	115	75-125
p-Cymene	UG/KG	22.6	20.0	113	75-125
n-Propylbenzene	UG/KG	21.4	20.0	107	75-127
Toluene	UG/KG	21.1	20.0	106	60-140
1,2,4-Trimethylbenzene	UG/KG	20.4	20.0	102	75-125
1,3,5-Trimethylbenzene	UG/KG	20.7	20.0	104	75-125
o-Xylene	UG/KG	19.4	20.0	97	75-125
m-Xylene	UG/KG	42.6	40.0	107	75-125
Total Xylenes	UG/KG	62.1	60.0	102	75-125
Methyl-t-Butyl Ether (MTBE)	UG/KG	21.9	20.0	110	61-130

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

Client Sample ID: Method Blank(SBLK__) Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A8B1527603 A8B1527601 A8B1527602

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
SOIL SW8463 8270 - STARS LIST											
Acenaphthene	MG/KG	2.85	2.84	3.27	3.30	87	86	87	1	16.0	53-119
Pyrene	MG/KG	2.92	2.89	3.27	3.30	89	88	89	1	25.0	51-133

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

METHOD 8021 - VOLATILE ORGANICS (STARS)

Client Sample ID Job No & Lab Sample ID	BOTTOM#1 A08-5424 A8542405	BOTTOM#2 A08-5424 A8542406	EASTWALL A08-5424 A8542404	NORTHWALL A08-5424 A8542401	SOUTHWALL A08-5424 A8542403
Sample Date	05/14/2008 13:41	05/14/2008 13:46	05/14/2008 14:00	05/14/2008 14:01	05/14/2008 13:36
Received Date	05/14/2008 15:55	05/14/2008 15:55	05/14/2008 15:55	05/14/2008 15:55	05/14/2008 15:55
Extraction Date					
Analysis Date	05/16/2008 21:30	05/16/2008 22:09	05/15/2008 16:33	05/15/2008 14:40	05/16/2008 20:51
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	1.08 GRAMS	1.13 GRAMS	1.15 GRAMS	1.0 GRAMS	1.16 GRAMS
% Dry	86.31	83.00	83.89	96.47	72.16

NA = Not Applicable

METHOD 8021 - VOLATILE ORGANICS (STARS)

Client Sample ID Job No & Lab Sample ID	WESTWALL A08-5424 A8542402				
Sample Date	05/14/2008 13:53				
Received Date	05/14/2008 15:55				
Extraction Date					
Analysis Date	05/15/2008 15:17				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	1.32 GRAMS				
% Dry	88.48				

NA = Not Applicable

METHOD 8021 - VOLATILE ORGANICS (STARS)

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A08-5424 A8B1554401	Matrix Spike Blank A08-5424 A8B1559401			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	05/16/2008 18:55	05/15/2008 13:29			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	1.0 GRAMS	1.0 GRAMS			
% Dry	100.00	100.00			

NA = Not Applicable

METHOD 8021 - VOLATILE ORGANICS (STARS)

Client Sample ID Job No & Lab Sample ID	Method Blank(VBLK__) A08-5424 A8B1554402	Method Blank(VBLK__) A08-5424 A8B1559402			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	05/16/2008 18:16	05/15/2008 12:53			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	1.0 GRAMS	1.0 GRAMS			
% Dry	100.00	100.00			

NA = Not Applicable

SOIL SW8463 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	BOTTOM#1 A08-5424 A8542405	BOTTOM#2 A08-5424 A8542406	EASTWALL A08-5424 A8542404	NORTHWALL A08-5424 A8542401	SOUTHWALL A08-5424 A8542403
Sample Date	05/14/2008 13:41	05/14/2008 13:46	05/14/2008 14:00	05/14/2008 14:01	05/14/2008 13:36
Received Date	05/14/2008 15:55	05/14/2008 15:55	05/14/2008 15:55	05/14/2008 15:55	05/14/2008 15:55
Extraction Date	05/15/2008 08:00	05/15/2008 08:00	05/15/2008 08:00	05/15/2008 08:00	05/15/2008 08:00
Analysis Date	05/16/2008 20:07	05/16/2008 20:30	05/16/2008 19:44	05/16/2008 18:35	05/16/2008 19:21
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	10.0	1.0
Sample wt/vol	30.3 GRAMS	30.37 GRAMS	30.24 GRAMS	30.18 GRAMS	30.25 GRAMS
% Dry	87.22	81.40	83.99	95.71	68.05

NA = Not Applicable

SOIL SW8463 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	WESTWALL A08-5424 A8542402				
Sample Date	05/14/2008 13:53				
Received Date	05/14/2008 15:55				
Extraction Date	05/15/2008 08:00				
Analysis Date	05/16/2008 18:58				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.54 GRAMS				
% Dry	87.61				

NA = Not Applicable

SOIL SW8463 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A08-5424 A8B1527601	Matrix Spike Blk Dup A08-5424 A8B1527602			
Sample Date					
Received Date					
Extraction Date	05/15/2008 08:00	05/15/2008 08:00			
Analysis Date	05/16/2008 17:26	05/16/2008 17:49			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	30.51 GRAMS	30.25 GRAMS			
% Dry	100.00	100.00			

NA = Not Applicable

SOIL SW8463 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	Method Blank(SBLK__) A08-5424 A8B1527603				
Sample Date					
Received Date					
Extraction Date	05/15/2008 08:00				
Analysis Date	05/16/2008 18:12				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.87 GRAMS				
% Dry	100.00				

NA = Not Applicable

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
Benchmark Eng	Tom Forbes	5/14/08	390440
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
726 Exchange st Suite 624	(716) 856-0599		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Buffalo / NY / 14210	~~BE~~ T. Schmidt	B Fisher	
Project Name and Location (State)	**Carrier/Waybill Number**		
3773 Lake Shore Road			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: 8021 STARS VOC	8270 STARS SV OC	Special Instructions/ Conditions of Receipt
Northwall	5/15/08	1401				X	X						1	1	
Westwall		1353				X	X						1	1	
South wall		1336				X	X						1	1	
East wall		1400				X	X						1	1	
Bottom #1		1341				X	X						1	1	
Bottom #2		1346				X	X						1	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ ~~Unknown~~

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ ~~Other~~ 3 Day

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/14/08	~~1515~~ 1555	1. Received By	5/14/08	1555
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

3.8°

DISTRIBUTION: WHITE - Returned to Client with Report: CANARY - Stays with the Sample; PINK - Field Copy