Phase II Environmental Investigation Report

208-214 Washington Avenue
Dunkirk, New York

April 2012 0254-012-100

Prepared For:

Chadwick Bay, LLC

Prepared By:

TurnKey Environmental Restoration, LLC

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PHASE II ENVIRONMENTAL INVESTIGATION REPORT

208-214 WASHINGTON STREET
DUNKIRK, NEW YORK

April 2012 0254-012-100

Prepared for:

Chadwick Bay, LLC

PHASE II ENVIRONMENTAL INVESTIGATION REPORT

208-214 Washington Street

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PHASE II ENVIRONMENTAL INVESTIGATION REPORT
208-214 Washington Street

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1.0 INTRODUCTION

1.1 Background and Site Description

TurnKey Environmental Restoration, LLC (TurnKey) performed a Phase II Environmental Investigation at 208-214 Washington Street, Dunkirk, New York (Site; see Figure 1), on behalf of Chadwick Bay, LLC, who has been named as the designated developer of the Site and is considering purchasing the Site.

The subject Site is an approximate 0.3-acre parcel improved with a three story row building, generally constructed of brick and wood. The structure is currently vacant and in very poor condition. The first floor of the building was rotted exposing the earthen floor beneath the building. The western portion of the building fronts Washington Avenue and abuts the sidewalk. The building occupies the majority of the property; however the eastern portion of the Site is unimproved. Properties surrounding the Site are comprised of commercial and residential use properties.

This Phase II site investigation was conducted based on the findings of the Phase I Environmental Site Assessment (ESA) report prepared by TurnKey (April 2010). TurnKey's Phase I ESA identified the following recognized environmental concerns (RECs):

- The Site was formerly occupied by the Mulholland Company from the 1880s through at least the 1930s; historic uses include manufacture of various items such as wagon springs, carriages, automobile bodies, and dining cars. During that time, uses also included black smith shops, wood shops, printing, painting and machine shops. Environmental concerns associated with these types of past uses include use and/or storage of various petroleum products, chemicals and heavy metals.

This investigation included completion of a limited surface/subsurface soil and groundwater investigation of the Site to assess potential environmental impact related to historic Site use as identified in the Phase I ESA.

2.0 METHODS OF INVESTIGATION

On March 16, 2012, surface samples SS-2 through SS-5 were collected and soil borings SB-1 through SB-9 and temporary monitoring wells TMW-1 through TMW-3 were completed on the Site (see Figure 2).

2.1 Surface Soil Sampling

Four exterior surface soil samples designated SS-1 through SS-4, were collected from the upper 0-2-inches in non-paved areas of the Site. Sample location SS-5 was collected from an area of exposed earthen floor within the building. Surface soil samples SS-2 through SS-5 were analyzed for polycyclic aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals and polychlorinated biphenyls (PCBs). Sample SS-1 was collected but was not analyzed based on the consistency of the material, which was gravel and stone. Surface soil analytical results are presented in Table 1. The surface soil samples were submitted under standard chain-of-custody to TestAmerica Laboratories, Inc., an Environmental Laboratory Approval Program (ELAP)-approved laboratory, for analysis in accordance with United States Environmental Protection Agency (USEPA) SW-846 Method 8270 for PAHs, Methods 6010B and 7471A for RCRA metals and Method 8082 for PCBs.

2.2 Subsurface Soil Borings and Soil Sampling

Subsurface soil samples were collected with a track-mounted percussion and hydraulically driven drive system equipped with an approximate 1.5-inch diameter, approximate 48-inch long macro-core sampler. Soil samples were generally collected within each borehole continuously from the ground surface until equipment refusal was encountered (generally 12-14 feet below the ground surface (fbgs) across the Site). Any down-hole equipment was decontaminated between boreholes with an Alconox/water wash followed by a tap water rinse. The cutting shoes were decontaminated in a similar manner between the collections of each sample. Surface soil samples were collected with a sampling spoon.

The physical characteristics of all soil samples were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method). TurnKey personnel scanned each 4-foot core in approximate two-foot intervals for total volatile organic vapors with a Mini Rae

2000 Photoionization Detector (PID) equipped with a 10.6 eV lamp and noted visual and/or olfactory observations. The PID is capable of detecting the presence of contaminants that emit volatile organic compounds (VOCs) such as petroleum products and solvents with ionization potentials less than 10.6 eV. PID measurements were then recorded on the Field Geoprobe Borehole Logs (see Appendix A) and in the Project Field Book.

To assess potential impacts across the Site, subsurface soil samples were submitted to the laboratory for volatile organic compounds (VOCs), PAHs and metals analyses. Soil analytical results are presented in Table 2. The soil samples were submitted under standard chain-of-custody to TestAmerica Laboratories, Inc., an ELAP-approved laboratory, for analysis in accordance with USEPA SW-846 Method 8260 for Target Compound List (TCL) plus NYSDEC STARS List VOCs, Method 8270 for PAHs and Methods 6010B and 7471A for RCRA metals.

2.3 Temporary Monitoring Well Installation and Groundwater Sampling

Following borehole advancement as described above, three temporary monitoring wells (TMWs), designated TMW-1, TMW-2 and TMW-3 were installed within SB-1, SB-6 and SB-9, respectively, to collect a representative groundwater sample. Temporary well locations are shown on Figure 2. The well construction diagrams are provided in Appendix A.

A groundwater grab sample was collected from each TMW, placed in pre-cleaned laboratory provided sample vials, cooled to 4 °C in the field, and transported under chain-of-custody to TestAmerica Laboratories, Inc. for analysis in accordance with USEPA SW-846 Method 8260 for TCL plus STARS List VOCs.

3.0 INVESTIGATION FINDINGS

Five surface samples (SS-1 through SS-5), nine soil borings (SB-1 through SB-9) and three TMWs were completed on March 16, 2012 with four surface samples, five subsurface samples and three groundwater samples collected for laboratory analysis. Analytical results are presented in Table 1 (surface soil), Table 2 (subsurface soil) and Table 3 (groundwater). For comparison purposes, Tables 1 and 2 present Unrestricted, Restricted-Residential and Restricted-Commercial soil cleanup objectives (SCOs) for each of the detected parameters as published in NYSDEC Part 375 and Table 3 groundwater results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) groundwater quality standards (GWQS). The analytical data package is included in Appendix B.

3.1 Qualitative Soil Screening

Soil samples were screened via headspace for VOCs using a MiniRae 2000 PID. PID measurements ranged from <1 ppm (most locations) to 20 ppm (SB-9). A slight odor was noted in soil boring SB-5, located in the eastern portion of the Site. PID measurements and field observation are noted in the Field Geoprobe Borehole Logs in Appendix A.

3.2 Site Geology/Hydrogeology

The geology at the Site is generally described as fill materials, including black or brown sand and gravel, coarse gravel, wood and brick, to depths up to 6 fbgs overlying lean clay. Weathered bedrock (apparent shale) was encountered between 12 and 14 fbgs in each soil boring.

Groundwater was encountered at approximately 6-8 fbgs during boring installations. Based on local topography, groundwater likely flows in a northerly direction towards Lake Erie, which is located less than one mile north of the Site.

3.3 Soil Analytical Results

3.3.1 Surface Soil

As indicated on Table 1, the surface soil analytical data results indicate detections of several PAHs, arsenic, lead, mercury and PCBs above NYSDEC Part 375 Unrestricted SCOs. PAHs, arsenic and lead were also detected above NYSDEC Part 375 Restricted-Residential and Restricted-Commercial SCOs.

3.3.2 Subsurface Soil

As indicated on Table 2, the subsurface soil analytical data results indicate detections of several PAHs, arsenic, barium, lead and mercury above NYSDEC Part 375 Unrestricted SCOs. Lead was detected above its NYSDEC Part 375 Restricted-Residential SCO and several PAHs were detected above their respective NYSDEC Part 375 Restricted-Commercial SCOs. There were no exceedances of detected VOCs above any of the SCOs.

3.4 Groundwater Analytical Results

Discrete groundwater grab sample were collected from temporary monitoring wells (TMW-1, -2 and -3). The groundwater samples were analyzed for TCL plus NYSDEC STARS List VOCs. As presented on Table 3, VOC analytes were not detected above their respective NYSDEC groundwater quality standards (GWQS).

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the soil and groundwater investigation at the Site, TurnKey offers the following conclusions and recommendations:

- Elevated concentrations of PAHs, PCBs, arsenic, lead and mercury in surface soil were detected above NYSDEC Part 375 Unrestricted SCOs. PAHs, arsenic and lead were also detected above NYSDEC Part 375 Restricted-Residential and Restricted-Commercial SCOs.

- Elevated concentrations of several PAHs, arsenic, barium, lead and mercury in subsurface soil were detected above NYSDEC Part 375 Unrestricted SCOs. Lead was detected above its NYSDEC Part 375 Restricted-Residential SCO and several PAHs were detected above their respective NYSDEC Part 375 Restricted-Commercial SCOs.

- VOC analytes were not detected above their respective NYSDEC groundwater quality standards (GWQS) from groundwater samples collected from TMW-1 through TMW-3.

- Based on the analytical results of this investigation, significant PAH and metals impacts are evident. The environmental impacts can reasonably be attributed to the historical industrial use of the Site as a manufacturing facility.

- TurnKey understands that Chadwick Bay, LLC is considering purchasing and redeveloping the Site for mixed use residential and commercial purposes. Given the environmental impacts identified in this investigation, consideration should be given to applying to the New York Brownfield Cleanup Program (BCP) prior to Site redevelopment. The BCP offers Site remediation and redevelopment tax credits, as well as release of certain environmental liabilities from New York State, for entities that remediate and redevelop contaminated sites, such as the subject Site, into productive re-used properties.

LIMITATIONS

This report has been prepared for the exclusive use of Chadwick Bay, LLC. The contents of this report are limited to information available at the time of the site investigation activities and to data referenced herein, and assume all referenced historic information sources to be true and accurate. The findings herein may be relied upon only at the discretion of Chadwick Bay, LLC. Use of or reliance on this report or its findings by any other person or entity is prohibited without written permission of TurnKey Environmental Restoration, LLC.

TABLES

TABLE 1

SUMMARY OF SURFACE SOIL ANALYTICAL RESULTS

208-214 WASHINGTON STREET SITE

DUNKIRK, NEW YORK

Parameter [1]	Unrestricted SCOs (mg/Kg)[2]	Restricted Residential SCOs (mg/Kg)[3]	Restricted Commercial SCOs (mg/Kg)[4]	SAMPLE LOCATION			
				SS-2 (0'-0.5')	SS-3 (0'-0.5')	SS-4 (0'-0.5')	SS-5 (0'-0.5')
Poly-Aromatic Hydrocarbons (PAHs)[5] - mg/Kg							
Acenaphthylene	**100**	**100**	**500**	0.29 J	0.17 J	0.14 J	0.92 J
Acenaphthene	**20**	**100**	**500**	0.1 J	0.27 J	0.13 J	0.39 J
Anthracene	**100**	**100**	**500**	0.56 J	0.68 J	0.39 J	3.6
Benzo(a)anthracene	**1**	**1**	**5.6**	**2.9**	**2.4**	**1.5**	**11**
Benzo(b)fluoranthene	**1**	**1**	**5.6**	**3.3**	**2.9**	**2.1**	**12**
Benzo(k)fluoranthene	**0.8**	**1**	**56**	**1.3**	**1.2**	**1.2**	**5.8**
Benzo(g,h,i)perylene	**100**	**100**	**500**	0.47 J	0.46 J	0.41 J	1.7
Benzo(a)pyrene	**1**	**1**	**1**	**2.2**	**1.9**	**1.3**	**7.1**
Chrysene	**1**	**1**	**56**	**3.3**	**2.4**	**1.8**	**8.4**
Dibenzo(a,h)anthracene	**0.33**	**0.33**	**0.56**	0.13 J	0.19 J	0.17 J	**0.69 J**
Fluoranthene	**100**	**100**	**500**	5.4	5.7	3.4	25
Fluorene	**30**	**100**	**500**	ND	0.22 J	0.12 J	0.56 J
Indeno(1,2,3-cd)pyrene	**0.5**	**0.5**	**5.6**	**0.53 J**	**0.5 J**	0.4 J	**2**
Naphthalene	**12**	**100**	**500**	0.46 J	0.21 J	0.13 J	0.25 J
Phenanthrene	**100**	**100**	**500**	2.5	3.9	2	15
Pyrene	**100**	**100**	**500**	4.7	ND	2.5	17
RCRA Metals - mg/Kg							
Arsenic	**13**	**16**	**16**	**21.3**	**32.2**	10.6	**13.2**
Barium	**350**	**400**	**400**	133	184	153	**490**
Cadmium	**2.5**	**4.3**	**9.3**	1.2	0.44	1.3	1.9
Chromium	**30**	**180**	**400**	20.4 B7	16.3 B7	23.2 B7	28.9 B7
Lead	**63**	**400**	**1000**	**985**	**289**	**353**	**1020**
Mercury	**0.18**	**0.81**	**2.8**	**0.19**	0.09	0.072	0.093
Polychlorinated Biphenyls (PCBs) - mg/Kg[5]							
Aroclor 1221	**0.1**	**1**	**1**	ND	**0.31**	ND	ND
Aroclor 1254	**0.1**	**1**	**1**	ND	ND	**0.18 J**	ND
Aroclor 1260	**0.1**	**1**	**1**	ND	ND	**0.13 J**	ND

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 Part 375 Unrestricted Soil Cleanup Objectives (SCOs).
3. Values per NYSDEC Part 375 Restricted-Residential Soil Cleanup Objectives (SCOs).
4. Values per NYSDEC Part 375 Restricted-Commercial Soil Cleanup Objectives (SCOs).
5. 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.
B7 = Analyte was detected in method blank at or above method reporting limit.
Concentration found in the sample was 10 times above the concentration found in the blank.

BOLD	= Value exceeds Unrestricted SCOs
BOLD	= Value exceeds Restricted Residential SCOs
BOLD	= Value exceeds Restricted Commercial SCOs

TABLE 2

SUMMARY OF SUBSURFACE SOIL ANALYTICAL RESULTS

208-214 WASHINGTON STREET SITE

DUNKIRK, NEW YORK

Parameter [1]	Unrestricted SCOs (mg/Kg)[2]	Restricted Residential SCOs (mg/Kg)[3]	Restricted Commercial SCOs (mg/Kg)[4]	SAMPLE LOCATION				
				SB-1 (0'-4')	SB-4 (0'-6')	SB-6 (0'-6')	SB-9 (0'-6')	SB-9 (12'-14')
TCL plus STARS Volatile Organic Compounds (VOCs)[5] - mg/Kg								
Acetone	**0.05**	**100**	**500**	NA	NA	NA	NA	0.014 J
Cyclohexane	**--**	**--**	**--**	NA	NA	NA	NA	0.0009 J
Methylcyclohexane	**--**	**--**	**--**	NA	NA	NA	NA	0.0018 J
Poly-Aromatic Hydrocarbons (PAHs)[5] - mg/Kg								
Acenaphthylene	**100**	**100**	**500**	0.3	0.023 J	0.013 J	0.037 J	NA
Acenaphthene	**20**	**100**	**500**	0.83	ND	ND	0.14 J	NA
Anthracene	**100**	**100**	**500**	2	0.025 J	0.048 J	0.39	NA
Benzo(a)anthracene	**1**	**1**	**5.6**	**2.9**	0.14 J	0.19 J	0.88	NA
Benzo(b)fluoranthene	**1**	**1**	**5.6**	**2.5**	0.2 J	0.2 J	0.98	NA
Benzo(k)fluoranthene	**0.8**	**1**	**56**	**1.1**	0.057 J	0.1 J	0.34	NA
Benzo(g,h,i)perylene	**100**	**100**	**500**	0.27	0.034 J	0.38 J	0.16 J	NA
Benzo(a)pyrene	**1**	**1**	**1**	**1.7**	0.1 J	0.15 J	0.61	NA
Chrysene	**1**	**1**	**56**	**2.6**	0.16 J	0.19 J	0.89	NA
Dibenzo(a,h)anthracene	**0.33**	**0.33**	**0.56**	0.16 J	ND	0.022 J	0.058 J	NA
Fluoranthene	**100**	**100**	**500**	6.1	0.28	0.38	2	NA
Fluorene	**30**	**100**	**500**	0.97	ND	0.016 J	0.14 J	NA
Indeno(1,2,3-cd)pyrene	**0.5**	**0.5**	**5.6**	0.34	0.038 J	0.039 J	0.16 J	NA
Naphthalene	**12**	**100**	**500**	0.51	0.031 J	0.035 J	0.06 J	NA
Phenanthrene	**100**	**100**	**500**	6.5	0.15 J	0.22	1.8	NA
Pyrene	**100**	**100**	**500**	4.1	0.2 J	0.27	1.5	NA
RCRA Metals - mg/Kg								
Arsenic	**13**	**16**	**16**	**13.1**	14	9.8	8.3	NA
Barium	**350**	**400**	**400**	**400**	162	93.9	55.7	NA
Cadmium	**2.5**	**4.3**	**9.3**	1.7	1.3	ND	0.26	NA
Chromium	**30**	**180**	**400**	16 B7	17 B7	7.5 B7	9.7 B7	NA
Lead	**63**	**400**	**1000**	**359**	**353**	**78**	**483**	NA
Mercury	**0.18**	**0.81**	**2.8**	**0.3**	0.041	0.046	0.068	NA

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 Part 375 Unrestricted Soil Cleanup Objectives (SCOs).
3. Values per NYSDEC Part 375 Restricted-Residential Soil Cleanup Objectives (SCOs).
4. Values per NYSDEC Part 375 Restricted-Commercial Soil Cleanup Objectives (SCOs).
5. 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.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B7 = Analyte was detected in method blank at or above method reporting limit.
Concentration found in the sample was 10 times above the concentration found in the blank.

BOLD	= Value exceeds Unrestricted SCOs
BOLD	= Value exceeds Restricted Residential SCOs
BOLD	= Value exceeds Restricted Commercial SCOs

TABLE 3

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

208-214 WASHINGTON STREET SITE

DUNKIRK, NEW YORK

Parameter [1]	NYSDEC Class GA Groundwater Quality Standards[2]	Sample Locations		
		TMW-1	TMW-2	TMW-3
TCL plus STARS Volatile Organic Compounds (VOCs) - ug/L				
Acetone	**50**	4.8 J	ND	3.7 J
Carbon disulfide	**60**	0.85 J	ND	0.68 J
Cyclohexane	**--**	9.3	ND	1.7
2-Hexanone	**50**	1.4 J	ND	ND
1,2,4 Trimethylbenzene	**5**	3.9	ND	ND
1,3,5 Trimethylbenzene	**5**	1.1	ND	ND
Methylcyclohexane	**--**	15	ND	3.5
Total Xylene	**5**	3.3	ND	ND

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 part 703.5, table 1, Class GA Groundwater Quality Standards.
3. Excludes TICs identified in the laboratory blank.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No SCO available.

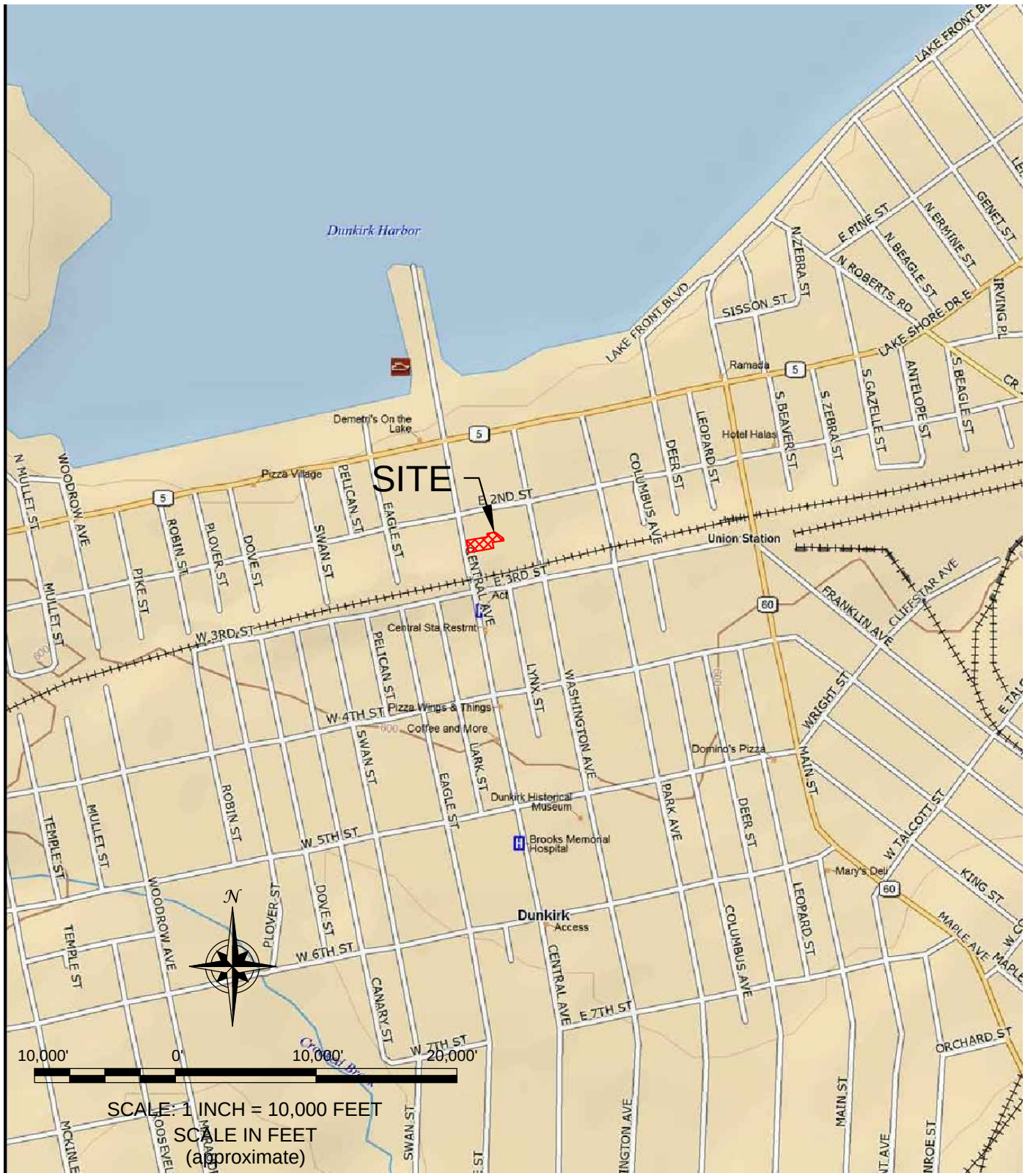
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

BOLD Sample Result exceeds NYSDEC Groundwater Quality Standards. (None)

FIGURES

E:\CAD\TurnKey\Chadwick Bay, LLC\Phase II\Figure 1- Site Location and Vicinity Map.dwg

FIGURE 1



TurnKey Environmental Restoration, LLC

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SUITE 300
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PROJECT NO.: 0254-012-100

DATE: APRIL 2012

DRAFTED BY: JGT

SITE LOCATION AND VICINITY MAP

PHASE II ENVIRONMENTAL SITE INVESTIGATION

208-214 WASHINGTON AVENUE SITE

DUNKIRK, NEW YORK

PREPARED FOR

CHADWICK BAY, LLC

F:\CAD\TurnKey\Chadwick Bay, LLC\Phase II\Figure 2; Investigation Sample Locations.dwg

TurnKey Environmental Restoration, LLC

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DRAFTED BY: JGT

INVESTIGATION SAMPLE LOCATIONS

PHASE II ENVIRONMENTAL SITE INVESTIGATION

208-214 WASHINGTON AVENUE SITE

DUNKIRK, NEW YORK

PREPARED FOR

CHADWICK BAY, LLC

FIGURE 2

APPENDIX A

FIELD GEOPROBE BOREHOLE LOGS

Project No: 0254-012-100

Borehole Number: SB-1/TMW-1

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

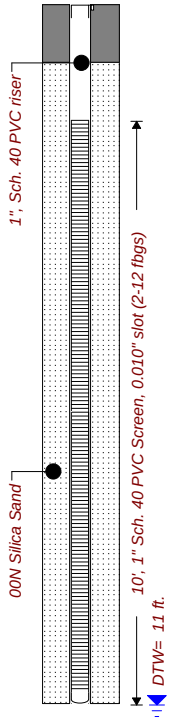
Logged By: RLD

Site Location: 208- 214 Washington Street, Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Sand w/ Gravel and Fill*** Dark Brown,moist mostly with fine sand, with some fine to coarse round gravel, woody debris, brick fragments, loose	1		2		0.0	0.5 -6 ft	
	-4.0 4.0	***Lean Clay*** Light brown, moist, mostly medium fines, medium dense	2		4		0.0		
5.0							0.0		
	-8.0 8.0	***As Above*** grey, wet (12fbgs), little angular weathered bedrock pieces	3		4		0.0		
10.0							0.0		
	-12.0 12.0	***Weathered Bedrock (suspected)*** Wet, refusal at 13 ft	4		1		0.0		
	-13.0 13.0	End of Borehole							
15.0									
20.0									



Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments: Installed temporary 1-inch well at boring location.
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-2

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

Logged By: RLD

Site Location: 208-214 Washington, Street Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Poorly Graded Sand w/ Gravel and Fill Dark brown, moist, mostly fine sand, with some fine to coarse round gravel, woody debris, brick fragments, loose	1		2		0.0		
	-3.0 / 3.0	***Lean Clay*** Grey, moist to wet (4fbgs), mostly medium plasticity fines, medium dense, mottled					0.0		
	-4.0 / 4.0	***As above*** light brown, wet, trace angular gravel,	2		4		0.0		
5.0	-6.0 / 6.0	***As above*** grey, wet, trace round fine gravel, weathered shale					0.0		
		Refusal at 12.5 ft.	3		4		0.0		
10.0	-12.5 / 12.5	End of Borehole					0.0		
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments:
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-3

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

Logged By: RLD

Site Location: 208-214 Washington Street Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 50 / 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Poorly Graded Sand w/ Gravel _Fill Dark brown, moist mostly fine sand with some fine to coarse gravel, brick fragements, loose	1		1.5		0.0		
	-4.0 / 4.0	***As above*** wet (4.0 fbgs)	2		1		0.0		
5.0	-6.0 / 6.0	***Lean Clay*** Grey, wet, mostly medium plasticity fines, trace round fine gravel, weathered shale	3		4		0.0		
10.0		Refusal at 13.5 ft	4		1.5		0.0		
	-13.5 / 13.5	End of Borehole							
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments:
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-4

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

Logged By: RLD

Site Location: 208-214 Washington Street, Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 50 / 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Poorly Graded Sand w/ Gravel Fill Dark brown fine sand and gravel, moist, trace brick fragments	1		2.5		0.0	0.5 -6.0 ft	
	-4.0 / 4.0	***As above*** coal lense (<1-inch thick)	2		4		0.0		
5.0	-6.0 / 6.0	***Lean Clay*** Grey, wet, mostly medium plasticity fines, trace round fine gravel, weathered shale					0.0		
			3		4		0.0		
10.0		Refusal at 14 ft	4		2		3.7		
	-14.0 / 14.0	End of Borehole							
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments:
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up:
Datum:

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-5

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

Logged By: RLD

Site Location: 208-214 Washington Street, Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Sand*** Black and light brown, wet mostly fine sand, loose	1		2		0.0		
	-4.0 / 4.0	***As above*** wet (4.0 fbgs) trace fine angular gravel					0.0		
5.0			2		4		0.0		
	-6.0 / 6.0	***Lean Clay*** Grey, wet, mostly medium plasticity fines, trace round gravel, medium dense							
	-8.0 / 8.0	***As above*** very soft (9-10 fbgs) weathered shale (10- 12 fbgs)					0.0		
10.0			3		4		0.0		
	-12.0 / 12.0	***As above*** weathered angular shale slight chemical odor Refusal at 14.0 ft	4		2		9.7		
	-14.0 / 14.0	End of Borehole							
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments:
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-6/TMW-2

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

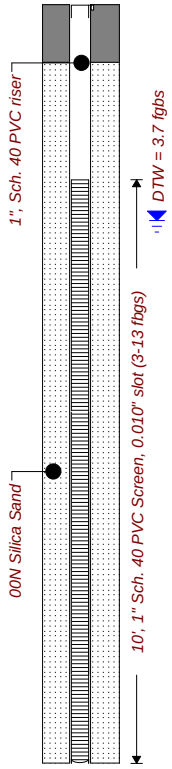
Logged By: RLD

Site Location: 208-214 Washington Street, Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Sand w/ Fill*** Dark brown, wet, mostly fine sand with some fine to coarse round gravel, woody debris, brick fragments, loose	1		2		0.0	0.5 -6 ft	
							0.0		
5.0	-6.0		2		2		0.0		
	6.0	***Lean Clay*** Grey, wet, soft, mostly medium plasticity fines					0.0		
	-8.0 8.0	***As above*** Grey, moist, stiff, with some weathered angular shale pieces	3		4		0.0		
10.0		Refusal at 13ft					0.0		
	-13.0		4		1				
	13.0	End of Borehole							
15.0									
20.0									



Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments: Installed temporary 1-inch well at boring location.
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-7

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

Logged By: RLD

Site Location: 208-214 Washington Street Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***No Recovery***	1		0		0.0		
	-4.0								
	4.0	***Sandy Lean Clay*** Olive brown, moist, mostly medium plasticity fines, with some fine sand, medium dense	2		3		0.0		
5.0	-8.0						0.0		
	8.0	***Lean Clay*** Grey, moist, mostly medium plasticity fines, trace fine sand, trace shale pieces	3		3		0.0		
10.0	-12.0								
	12.0	***Refusal at 13 fbgs*** Slight chemical odor	4		1		10.0		
	-13.0								
	13.0	End of Borehole							
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments:
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-8

Project: Phase II Environmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

Logged By: RLD

Site Location: 208-214 Washington Street, Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface					0 50 100		
	0.0	***No Recovery***	1		0		0.0		
	-4.0						0.0		
	4.0	***Lean Clay*** Olive brown, moist, mostly medium plasticity fines, with trace fine sand and fine gravel, medium dense	2		3		0.0		
5.0							0.0		
	-8.0								
	8.0	***As above*** Grey, moist, trace weathered shale (12fbgs)	3		4		0.0		
10.0							1.5		
	-12.0								
	12.0	***Lean Clay as above*** Refusal at 13 fbgs	4		1				
	-13.0								
	13.0	End of Borehole							
15.0									
20.0									

Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments:
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

Project No: 0254-012-100

Borehole Number: SB-9/TMW-3

Project: Phase II Envionmental Investigation

A.K.A.:

Client: Chadwick Bay, LLC

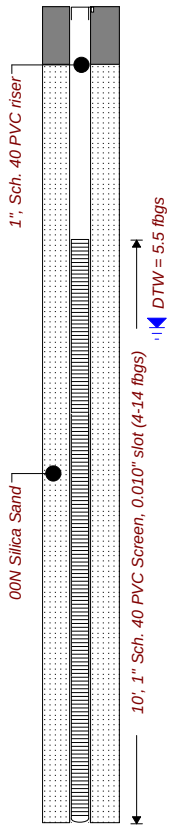
Logged By: RLD

Site Location: 208-214 Washington Street, Dunkirk, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 50 / 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Sand w/ Fill*** Dark brown, moist, mostly fine sand, with some fine to coarse round gravel, woody debris, brick fragments, loose	1		2		0.0		
	-4.0 / 4.0	***As above*** wet (4 fbgs)					0.0		
5.0	-6.0 / 6.0	***Lean Clay*** Grey, moist, mostly medium plasticity fines, trace fine sand, medium dense	2		2		0.0		
	-8.0 / 8.0	***Lean Clay as above*** trace weathered shale					0.0		
10.0			3		3		0.0		
	-12.0 / 12.0	***As above*** weathered shale lense(< 1-inch thick at 13 fbgs), chemical odor Refusal at 14 fbgs	4		2		20.0	12- 14 ft	
	-14.0 / 14.0	End of Borehole							
15.0									
20.0									



Drilled By: Russo Development
Drill Rig Type: Track Mount Direct Push
Drill Method: Direct Push
Comments: Installed temporary 1-inch well at boring location.
Drill Date(s): 3/16/12

Hole Size: 1.25 -inch
Stick-up: NA
Datum: NA

Sheet: 1 of 1

APPENDIX B

LABORATORY ANALYTICAL DATA SUMMARY PACKAGE

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-17418-1

Client Project/Site: Turnkey - 208-214 Washington St, Dunkirk

For:

Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Attn: Mr. Michael Lesakowski

Joseph V. Giacomazza

Authorized for release by:
3/29/2012 3:54:15 PM
Joe Giacomazza
Project Administrator
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the blank.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-17418-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-17418-1

Receipt
COC and bottle labels all state 2-16-12 as sample date. After consulting PM, it was determined that the probable sampling date was 3-16-12, and was logged in as such.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 55911 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 55961 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8270C: The following samples were diluted due to the nature of the sample matrix: (480-17418-4 MS), (480-17418-4 MSD), SS-2 (480-17418-1), SS-3 (480-17418-2), SS-4 (480-17418-3), SS-5 (480-17418-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 55903 were outside control limits for mercury. The associated laboratory control sample (LCS) recovery met acceptance criteria. Matrix interference is suspected. (480-17418-8 MS), (480-17418-8 MSD)

Method 7471A: The matrix spike duplicate (MSD) precision for batch 55903 was outside control limits for total mercury. Non-homogeneity of the sample matrix is suspected. The associated laboratory control sample precision met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3550B: A significant amount of liquid was present in the following sample: SB-6 (480-17418-7). This sample was decanted prior to preparation.

No other analytical or quality issues were noted.

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SS-2 — Lab Sample ID: 480-17418-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	100	J	1000	12	ug/Kg	5	☼	8270C	Total/NA
Acenaphthylene	290	J	1000	8.4	ug/Kg	5	☼	8270C	Total/NA
Anthracene	560	J	1000	26	ug/Kg	5	☼	8270C	Total/NA
Benz(a)anthracene	2900		1000	18	ug/Kg	5	☼	8270C	Total/NA
Benzo(a)pyrene	2200		1000	25	ug/Kg	5	☼	8270C	Total/NA
Benzo(b)fluoranthene	3300		1000	20	ug/Kg	5	☼	8270C	Total/NA
Benzo(g,h,i)perylene	470	J	1000	12	ug/Kg	5	☼	8270C	Total/NA
Benzo(k)fluoranthene	1300		1000	11	ug/Kg	5	☼	8270C	Total/NA
Chrysene	3300		1000	10	ug/Kg	5	☼	8270C	Total/NA
Dibenz(a,h)anthracene	130	J	1000	12	ug/Kg	5	☼	8270C	Total/NA
Fluoranthene	5400		1000	15	ug/Kg	5	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	530	J	1000	28	ug/Kg	5	☼	8270C	Total/NA
Naphthalene	460	J	1000	17	ug/Kg	5	☼	8270C	Total/NA
Phenanthrene	2500		1000	21	ug/Kg	5	☼	8270C	Total/NA
Pyrene	4700		1000	6.6	ug/Kg	5	☼	8270C	Total/NA
Arsenic	21.3		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	133		0.61		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.2		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	20.4	B7	0.61		mg/Kg	1	☼	6010B	Total/NA
Lead	985		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.19		0.026		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SS-3 — Lab Sample ID: 480-17418-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	270	J	990	12	ug/Kg	5	☼	8270C	Total/NA
Acenaphthylene	170	J	990	8.0	ug/Kg	5	☼	8270C	Total/NA
Anthracene	680	J	990	25	ug/Kg	5	☼	8270C	Total/NA
Benz(a)anthracene	2400		990	17	ug/Kg	5	☼	8270C	Total/NA
Benzo(a)pyrene	1900		990	24	ug/Kg	5	☼	8270C	Total/NA
Benzo(b)fluoranthene	2900		990	19	ug/Kg	5	☼	8270C	Total/NA
Benzo(g,h,i)perylene	460	J	990	12	ug/Kg	5	☼	8270C	Total/NA
Benzo(k)fluoranthene	1200		990	11	ug/Kg	5	☼	8270C	Total/NA
Chrysene	2400		990	9.8	ug/Kg	5	☼	8270C	Total/NA
Dibenz(a,h)anthracene	190	J	990	12	ug/Kg	5	☼	8270C	Total/NA
Fluoranthene	5700		990	14	ug/Kg	5	☼	8270C	Total/NA
Fluorene	220	J	990	23	ug/Kg	5	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	500	J	990	27	ug/Kg	5	☼	8270C	Total/NA
Naphthalene	210	J	990	16	ug/Kg	5	☼	8270C	Total/NA
Phenanthrene	3700		990	21	ug/Kg	5	☼	8270C	Total/NA
Pyrene	3900		990	6.3	ug/Kg	5	☼	8270C	Total/NA
PCB-1221	310		250	49	ug/Kg	1	☼	8082	Total/NA
Arsenic	32.2		2.2		mg/Kg	1	☼	6010B	Total/NA
Barium	184		0.55		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.44		0.22		mg/Kg	1	☼	6010B	Total/NA
Chromium	16.3	B7	0.55		mg/Kg	1	☼	6010B	Total/NA
Lead	289		1.1		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.090		0.024		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SS-4 — Lab Sample ID: 480-17418-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	130	J	980	11	ug/Kg	5	☼	8270C	Total/NA
Acenaphthylene	140	J	980	8.0	ug/Kg	5	☼	8270C	Total/NA

Client Sample ID: SS-4 (Continued) — Lab Sample ID: 480-17418-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	390	J	980	25	ug/Kg	5	☼	8270C	Total/NA
Benz(a)anthracene	1500		980	17	ug/Kg	5	☼	8270C	Total/NA
Benzo(a)pyrene	1300		980	24	ug/Kg	5	☼	8270C	Total/NA
Benzo(b)fluoranthene	2100		980	19	ug/Kg	5	☼	8270C	Total/NA
Benzo(g,h,i)perylene	410	J	980	12	ug/Kg	5	☼	8270C	Total/NA
Benzo(k)fluoranthene	1200		980	11	ug/Kg	5	☼	8270C	Total/NA
Chrysene	1800		980	9.8	ug/Kg	5	☼	8270C	Total/NA
Dibenz(a,h)anthracene	170	J	980	12	ug/Kg	5	☼	8270C	Total/NA
Fluoranthene	3400		980	14	ug/Kg	5	☼	8270C	Total/NA
Fluorene	120	J	980	23	ug/Kg	5	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	400	J	980	27	ug/Kg	5	☼	8270C	Total/NA
Naphthalene	130	J	980	16	ug/Kg	5	☼	8270C	Total/NA
Phenanthrene	2000		980	21	ug/Kg	5	☼	8270C	Total/NA
Pyrene	2500		980	6.3	ug/Kg	5	☼	8270C	Total/NA
PCB-1254	180	J	260	55	ug/Kg	1	☼	8082	Total/NA
PCB-1260	130	J	260	120	ug/Kg	1	☼	8082	Total/NA
Arsenic	10.6		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	153		0.62		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.3		0.25		mg/Kg	1	☼	6010B	Total/NA
Chromium	23.2	B7	0.62		mg/Kg	1	☼	6010B	Total/NA
Lead	353		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.072		0.023		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SS-5 — Lab Sample ID: 480-17418-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	390	J	1100	12	ug/Kg	5	☼	8270C	Total/NA
Acenaphthylene	92	J	1100	8.6	ug/Kg	5	☼	8270C	Total/NA
Anthracene	3600		1100	27	ug/Kg	5	☼	8270C	Total/NA
Benz(a)anthracene	11000		1100	18	ug/Kg	5	☼	8270C	Total/NA
Benzo(a)pyrene	7100		1100	25	ug/Kg	5	☼	8270C	Total/NA
Benzo(b)fluoranthene	12000		1100	20	ug/Kg	5	☼	8270C	Total/NA
Benzo(g,h,i)perylene	1700		1100	13	ug/Kg	5	☼	8270C	Total/NA
Benzo(k)fluoranthene	5800		1100	12	ug/Kg	5	☼	8270C	Total/NA
Chrysene	8400		1100	10	ug/Kg	5	☼	8270C	Total/NA
Dibenz(a,h)anthracene	690	J	1100	12	ug/Kg	5	☼	8270C	Total/NA
Fluoranthene	25000		1100	15	ug/Kg	5	☼	8270C	Total/NA
Fluorene	560	J	1100	24	ug/Kg	5	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	2000		1100	29	ug/Kg	5	☼	8270C	Total/NA
Naphthalene	250	J	1100	17	ug/Kg	5	☼	8270C	Total/NA
Phenanthrene	15000		1100	22	ug/Kg	5	☼	8270C	Total/NA
Pyrene	17000		1100	6.8	ug/Kg	5	☼	8270C	Total/NA
Arsenic	13.2		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	490		0.60		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.9		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	28.9	B7	0.60		mg/Kg	1	☼	6010B	Total/NA
Lead	1020		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.093		0.024		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-1 — Lab Sample ID: 480-17418-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	830		220	2.6	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	300		220	1.8	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: SB-1 (Continued)

Lab Sample ID: 480-17418-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	2000		220	5.7	ug/Kg	1	☼	8270C	Total/NA
Benz(a)anthracene	2900		220	3.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	1700		220	5.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	2500		220	4.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	270		220	2.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	1100		220	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	2600		220	2.2	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	160	J	220	2.6	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	6100		220	3.2	ug/Kg	1	☼	8270C	Total/NA
Fluorene	970		220	5.1	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	340		220	6.2	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	510		220	3.7	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	6500		220	4.7	ug/Kg	1	☼	8270C	Total/NA
Pyrene	4100		220	1.4	ug/Kg	1	☼	8270C	Total/NA
Arsenic	13.1		2.6		mg/Kg	1	☼	6010B	Total/NA
Barium	400		0.64		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.7		0.26		mg/Kg	1	☼	6010B	Total/NA
Chromium	16.0	B7	0.64		mg/Kg	1	☼	6010B	Total/NA
Lead	359		1.3		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.30		0.024		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-4

Lab Sample ID: 480-17418-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	23	J	230	1.9	ug/Kg	1	☼	8270C	Total/NA
Anthracene	25	J	230	5.8	ug/Kg	1	☼	8270C	Total/NA
Benz(a)anthracene	140	J	230	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	100	J	230	5.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	200	J	230	4.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	34	J	230	2.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	57	J	230	2.5	ug/Kg	1	☼	8270C	Total/NA
Chrysene	160	J	230	2.3	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	280		230	3.3	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	38	J	230	6.3	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	31	J	230	3.8	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	150	J	230	4.8	ug/Kg	1	☼	8270C	Total/NA
Pyrene	200	J	230	1.5	ug/Kg	1	☼	8270C	Total/NA
Arsenic	14.0		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	162		0.63		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.3		0.25		mg/Kg	1	☼	6010B	Total/NA
Chromium	17.0	B7	0.63		mg/Kg	1	☼	6010B	Total/NA
Lead	353		1.3		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.041		0.029		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-6

Lab Sample ID: 480-17418-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	13	J	210	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	48	J	210	5.4	ug/Kg	1	☼	8270C	Total/NA
Benz(a)anthracene	190	J	210	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	150	J	210	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	200	J	210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	38	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	100	J	210	2.3	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: SB-6 (Continued)

Lab Sample ID: 480-17418-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	190	J	210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	22	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	380		210	3.1	ug/Kg	1	☼	8270C	Total/NA
Fluorene	16	J	210	4.9	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	39	J	210	5.9	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	35	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	220		210	4.5	ug/Kg	1	☼	8270C	Total/NA
Pyrene	270		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Arsenic	9.8		2.8		mg/Kg	1	☼	6010B	Total/NA
Barium	93.9		0.70		mg/Kg	1	☼	6010B	Total/NA
Chromium	7.5	B7	0.70		mg/Kg	1	☼	6010B	Total/NA
Lead	78.0		1.4		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.046		0.024		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-9

Lab Sample ID: 480-17418-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	140	J	190	2.3	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	37	J	190	1.6	ug/Kg	1	☼	8270C	Total/NA
Anthracene	390		190	4.9	ug/Kg	1	☼	8270C	Total/NA
Benz(a)anthracene	880		190	3.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	610		190	4.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	980		190	3.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	160	J	190	2.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	340		190	2.1	ug/Kg	1	☼	8270C	Total/NA
Chrysene	890		190	1.9	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	58	J	190	2.3	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	2000		190	2.8	ug/Kg	1	☼	8270C	Total/NA
Fluorene	140	J	190	4.5	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	160	J	190	5.3	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	60	J	190	3.2	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	1800		190	4.1	ug/Kg	1	☼	8270C	Total/NA
Pyrene	1500		190	1.3	ug/Kg	1	☼	8270C	Total/NA
Arsenic	8.3		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	55.7		0.60		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.26		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	9.7	B7	0.60		mg/Kg	1	☼	6010B	Total/NA
Lead	483		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.068		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-9 12'-14'

Lab Sample ID: 480-17418-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14	J	29	4.9	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	0.92	J	5.8	0.81	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	1.8	J	5.8	0.88	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: TMW-1

Lab Sample ID: 480-17418-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.9		1.0	0.75	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.1		1.0	0.77	ug/L	1		8260B	Total/NA
2-Hexanone	1.4	J	5.0	1.2	ug/L	1		8260B	Total/NA
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-1 (Continued) — Lab Sample ID: 480-17418-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.85	J	1.0	0.19	ug/L	1		8260B	Total/NA
Cyclohexane	9.3		1.0	0.18	ug/L	1		8260B	Total/NA
m,p-Xylene	2.1		2.0	0.66	ug/L	1		8260B	Total/NA
Methylcyclohexane	15		1.0	0.16	ug/L	1		8260B	Total/NA
o-Xylene	1.2		1.0	0.76	ug/L	1		8260B	Total/NA
Xylenes, Total	3.3		2.0	0.66	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-2 — Lab Sample ID: 480-17418-11

No Detections

Client Sample ID: TMW-3 — Lab Sample ID: 480-17418-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260B	Total/NA
Carbon disulfide	0.68	J	1.0	0.19	ug/L	1		8260B	Total/NA
Cyclohexane	1.7		1.0	0.18	ug/L	1		8260B	Total/NA
Methylcyclohexane	3.5		1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: SS-2

Date Collected: 03/16/12 12:00
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-1

Matrix: Solid
Percent Solids: 81.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	100	J	1000	12	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Acenaphthylene	290	J	1000	8.4	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Anthracene	560	J	1000	26	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Benz(a)anthracene	2900		1000	18	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Benzo(a)pyrene	2200		1000	25	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Benzo(b)fluoranthene	3300		1000	20	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Benzo(g,h,i)perylene	470	J	1000	12	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Benzo(k)fluoranthene	1300		1000	11	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Chrysene	3300		1000	10	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Dibenz(a,h)anthracene	130	J	1000	12	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Fluoranthene	5400		1000	15	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Fluorene	ND		1000	24	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Indeno(1,2,3-c,d)pyrene	530	J	1000	28	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Naphthalene	460	J	1000	17	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Phenanthrene	2500		1000	21	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5
Pyrene	4700		1000	6.6	ug/Kg	☼	03/20/12 10:52	03/21/12 16:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*94*		*34 - 132*	*03/20/12 10:52*	*03/21/12 16:34*	*5*
2-Fluorobiphenyl	*92*		*37 - 120*	*03/20/12 10:52*	*03/21/12 16:34*	*5*
p-Terphenyl-d14	*90*		*65 - 153*	*03/20/12 10:52*	*03/21/12 16:34*	*5*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	49	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1
PCB-1221	ND		250	49	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1
PCB-1232	ND		250	49	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1
PCB-1242	ND		250	55	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1
PCB-1248	ND		250	50	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1
PCB-1254	ND		250	53	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1
PCB-1260	ND		250	120	ug/Kg	☼	03/21/12 08:56	03/21/12 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*36 - 182*	*03/21/12 08:56*	*03/21/12 23:15*	*1*
Tetrachloro-m-xylene	*106*		*24 - 172*	*03/21/12 08:56*	*03/21/12 23:15*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21.3		2.4		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1
Barium	133		0.61		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1
Cadmium	1.2		0.24		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1
Chromium	20.4	B7	0.61		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1
Lead	985		1.2		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1
Selenium	ND		4.9		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1
Silver	ND		0.61		mg/Kg	☼	03/20/12 10:30	03/20/12 21:21	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.026		mg/Kg	☼	03/20/12 08:30	03/20/12 11:03	1

Client Sample ID: SS-3

Date Collected: 03/16/12 12:15
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-2

Matrix: Solid
Percent Solids: 84.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	270	J	990	12	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Acenaphthylene	170	J	990	8.0	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Anthracene	680	J	990	25	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Benz(a)anthracene	2400		990	17	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Benzo(a)pyrene	1900		990	24	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Benzo(b)fluoranthene	2900		990	19	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Benzo(g,h,i)perylene	460	J	990	12	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Benzo(k)fluoranthene	1200		990	11	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Chrysene	2400		990	9.8	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Dibenz(a,h)anthracene	190	J	990	12	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Fluoranthene	5700		990	14	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Fluorene	220	J	990	23	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Indeno(1,2,3-c,d)pyrene	500	J	990	27	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Naphthalene	210	J	990	16	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Phenanthrene	3700		990	21	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5
Pyrene	3900		990	6.3	ug/Kg	☼	03/20/12 10:52	03/21/12 16:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*91*		*34 - 132*	*03/20/12 10:52*	*03/21/12 16:57*	*5*
2-Fluorobiphenyl	*100*		*37 - 120*	*03/20/12 10:52*	*03/21/12 16:57*	*5*
p-Terphenyl-d14	*98*		*65 - 153*	*03/20/12 10:52*	*03/21/12 16:57*	*5*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	49	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1
PCB-1221	310		250	49	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1
PCB-1232	ND		250	49	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1
PCB-1242	ND		250	55	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1
PCB-1248	ND		250	50	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1
PCB-1254	ND		250	53	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1
PCB-1260	ND		250	120	ug/Kg	☼	03/21/12 08:56	03/21/12 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*36 - 182*	*03/21/12 08:56*	*03/21/12 23:30*	*1*
Tetrachloro-m-xylene	*107*		*24 - 172*	*03/21/12 08:56*	*03/21/12 23:30*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	32.2		2.2		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1
Barium	184		0.55		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1
Cadmium	0.44		0.22		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1
Chromium	16.3	B7	0.55		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1
Lead	289		1.1		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1
Selenium	ND		4.4		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1
Silver	ND		0.55		mg/Kg	☼	03/20/12 10:30	03/20/12 21:28	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.090		0.024		mg/Kg	☼	03/20/12 08:30	03/20/12 11:05	1

Client Sample ID: SS-4
Lab Sample ID: 480-17418-3
Date Collected: 03/16/12 12:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 85.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	130	J	980	11	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Acenaphthylene	140	J	980	8.0	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Anthracene	390	J	980	25	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Benz(a)anthracene	1500		980	17	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Benzo(a)pyrene	1300		980	24	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Benzo(b)fluoranthene	2100		980	19	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Benzo(g,h,i)perylene	410	J	980	12	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Benzo(k)fluoranthene	1200		980	11	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Chrysene	1800		980	9.8	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Dibenz(a,h)anthracene	170	J	980	12	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Fluoranthene	3400		980	14	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Fluorene	120	J	980	23	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Indeno(1,2,3-c,d)pyrene	400	J	980	27	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Naphthalene	130	J	980	16	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Phenanthrene	2000		980	21	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5
Pyrene	2500		980	6.3	ug/Kg	☼	03/20/12 10:52	03/21/12 17:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90*		*34 - 132*	*03/20/12 10:52*	*03/21/12 17:21*	*5*
2-Fluorobiphenyl	*91*		*37 - 120*	*03/20/12 10:52*	*03/21/12 17:21*	*5*
p-Terphenyl-d14	*91*		*65 - 153*	*03/20/12 10:52*	*03/21/12 17:21*	*5*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	51	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1
PCB-1221	ND		260	51	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1
PCB-1232	ND		260	51	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1
PCB-1242	ND		260	57	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1
PCB-1248	ND		260	51	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1
PCB-1254	180	J	260	55	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1
PCB-1260	130	J	260	120	ug/Kg	☼	03/21/12 08:56	03/21/12 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*36 - 182*	*03/21/12 08:56*	*03/21/12 23:45*	*1*
Tetrachloro-m-xylene	*115*		*24 - 172*	*03/21/12 08:56*	*03/21/12 23:45*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.6		2.5		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1
Barium	153		0.62		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1
Cadmium	1.3		0.25		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1
Chromium	23.2	B7	0.62		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1
Lead	353		1.2		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1
Selenium	ND		5.0		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1
Silver	ND		0.62		mg/Kg	☼	03/20/12 10:30	03/20/12 21:31	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.023		mg/Kg	☼	03/20/12 08:30	03/20/12 11:07	1

Client Sample ID: SS-5
Lab Sample ID: 480-17418-4
Date Collected: 03/16/12 12:45
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 80.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	390	J	1100	12	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Acenaphthylene	92	J	1100	8.6	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Anthracene	3600		1100	27	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Benz(a)anthracene	11000		1100	18	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Benzo(a)pyrene	7100		1100	25	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Benzo(b)fluoranthene	12000		1100	20	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Benzo(g,h,i)perylene	1700		1100	13	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Benzo(k)fluoranthene	5800		1100	12	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Chrysene	8400		1100	10	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Dibenz(a,h)anthracene	690	J	1100	12	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Fluoranthene	25000		1100	15	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Fluorene	560	J	1100	24	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Indeno(1,2,3-c,d)pyrene	2000		1100	29	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Naphthalene	250	J	1100	17	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Phenanthrene	15000		1100	22	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5
Pyrene	17000		1100	6.8	ug/Kg	☼	03/20/12 10:52	03/21/12 17:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*34 - 132*	*03/20/12 10:52*	*03/21/12 17:44*	*5*
2-Fluorobiphenyl	*89*		*37 - 120*	*03/20/12 10:52*	*03/21/12 17:44*	*5*
p-Terphenyl-d14	*87*		*65 - 153*	*03/20/12 10:52*	*03/21/12 17:44*	*5*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	54	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1
PCB-1221	ND		270	54	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1
PCB-1232	ND		270	54	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1
PCB-1242	ND		270	59	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1
PCB-1248	ND		270	54	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1
PCB-1254	ND		270	58	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1
PCB-1260	ND		270	130	ug/Kg	☼	03/21/12 09:04	03/22/12 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*36 - 182*	*03/21/12 09:04*	*03/22/12 00:00*	*1*
Tetrachloro-m-xylene	*106*		*24 - 172*	*03/21/12 09:04*	*03/22/12 00:00*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.2		2.4		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1
Barium	490		0.60		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1
Cadmium	1.9		0.24		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1
Chromium	28.9	B7	0.60		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1
Lead	1020		1.2		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1
Selenium	ND		4.8		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1
Silver	ND		0.60		mg/Kg	☼	03/20/12 10:30	03/20/12 21:33	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.093		0.024		mg/Kg	☼	03/20/12 08:30	03/20/12 11:10	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SB-1
Date Collected: 03/16/12 08:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-5
Matrix: Solid
Percent Solids: 75.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	830		220	2.6	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Acenaphthylene	300		220	1.8	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Anthracene	2000		220	5.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Benz(a)anthracene	2900		220	3.8	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Benzo(a)pyrene	1700		220	5.4	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Benzo(b)fluoranthene	2500		220	4.3	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Benzo(g,h,i)perylene	270		220	2.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Benzo(k)fluoranthene	1100		220	2.4	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Chrysene	2600		220	2.2	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Dibenz(a,h)anthracene	160	J	220	2.6	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Fluoranthene	6100		220	3.2	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Fluorene	970		220	5.1	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Indeno(1,2,3-c,d)pyrene	340		220	6.2	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Naphthalene	510		220	3.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Phenanthrene	6500		220	4.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1
Pyrene	4100		220	1.4	ug/Kg	☼	03/20/12 10:52	03/21/12 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*34 - 132*	*03/20/12 10:52*	*03/21/12 18:07*	*1*
2-Fluorobiphenyl	*77*		*37 - 120*	*03/20/12 10:52*	*03/21/12 18:07*	*1*
p-Terphenyl-d14	*79*		*65 - 153*	*03/20/12 10:52*	*03/21/12 18:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.1		2.6		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1
Barium	400		0.64		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1
Cadmium	1.7		0.26		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1
Chromium	16.0	B7	0.64		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1
Lead	359		1.3		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1
Selenium	ND		5.1		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1
Silver	ND		0.64		mg/Kg	☼	03/20/12 10:30	03/20/12 21:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.30		0.024		mg/Kg	☼	03/20/12 08:30	03/20/12 11:12	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SB-4
Date Collected: 03/16/12 09:00
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-6
Matrix: Solid
Percent Solids: 73.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		230	2.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Acenaphthylene	**23**	**J**	230	1.9	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Anthracene	**25**	**J**	230	5.8	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Benz(a)anthracene	**140**	**J**	230	3.9	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Benzo(a)pyrene	**100**	**J**	230	5.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Benzo(b)fluoranthene	**200**	**J**	230	4.4	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Benzo(g,h,i)perylene	**34**	**J**	230	2.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Benzo(k)fluoranthene	**57**	**J**	230	2.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Chrysene	**160**	**J**	230	2.3	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Dibenz(a,h)anthracene	ND		230	2.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Fluoranthene	**280**		230	3.3	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Fluorene	ND		230	5.2	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Indeno(1,2,3-c,d)pyrene	**38**	**J**	230	6.3	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Naphthalene	**31**	**J**	230	3.8	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Phenanthrene	**150**	**J**	230	4.8	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1
Pyrene	**200**	**J**	230	1.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*34 - 132*	*03/20/12 10:52*	*03/21/12 18:31*	*1*
2-Fluorobiphenyl	*79*		*37 - 120*	*03/20/12 10:52*	*03/21/12 18:31*	*1*
p-Terphenyl-d14	*87*		*65 - 153*	*03/20/12 10:52*	*03/21/12 18:31*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14.0**		2.5		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1
Barium	**162**		0.63		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1
Cadmium	**1.3**		0.25		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1
Chromium	**17.0**	**B7**	0.63		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1
Lead	**353**		1.3		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1
Selenium	ND		5.1		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1
Silver	ND		0.63		mg/Kg	☼	03/20/12 10:30	03/20/12 21:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**		0.029		mg/Kg	☼	03/20/12 08:30	03/20/12 11:14	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SB-6
Date Collected: 03/16/12 09:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-7
Matrix: Solid
Percent Solids: 78.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		210	2.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Acenaphthylene	**13**	**J**	210	1.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Anthracene	**48**	**J**	210	5.4	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Benz(a)anthracene	**190**	**J**	210	3.7	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Benzo(a)pyrene	**150**	**J**	210	5.1	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Benzo(b)fluoranthene	**200**	**J**	210	4.1	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Benzo(g,h,i)perylene	**38**	**J**	210	2.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Benzo(k)fluoranthene	**100**	**J**	210	2.3	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Chrysene	**190**	**J**	210	2.1	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Dibenz(a,h)anthracene	**22**	**J**	210	2.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Fluoranthene	**380**		210	3.1	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Fluorene	**16**	**J**	210	4.9	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Indeno(1,2,3-c,d)pyrene	**39**	**J**	210	5.9	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Naphthalene	**35**	**J**	210	3.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Phenanthrene	**220**		210	4.5	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1
Pyrene	**270**		210	1.4	ug/Kg	☼	03/20/12 10:52	03/21/12 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*68*		*34 - 132*	*03/20/12 10:52*	*03/21/12 18:54*	*1*
2-Fluorobiphenyl	*74*		*37 - 120*	*03/20/12 10:52*	*03/21/12 18:54*	*1*
p-Terphenyl-d14	*83*		*65 - 153*	*03/20/12 10:52*	*03/21/12 18:54*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.8**		2.8		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1
Barium	**93.9**		0.70		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1
Cadmium	ND		0.28		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1
Chromium	**7.5**	**B7**	0.70		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1
Lead	**78.0**		1.4		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1
Selenium	ND		5.6		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1
Silver	ND		0.70		mg/Kg	☼	03/20/12 10:30	03/20/12 21:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.046**		0.024		mg/Kg	☼	03/20/12 08:30	03/20/12 11:15	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SB-9
Date Collected: 03/16/12 10:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-8
Matrix: Solid
Percent Solids: 86.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	140	J	190	2.3	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Acenaphthylene	37	J	190	1.6	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Anthracene	390		190	4.9	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Benz(a)anthracene	880		190	3.3	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Benzo(a)pyrene	610		190	4.7	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Benzo(b)fluoranthene	980		190	3.8	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Benzo(g,h,i)perylene	160	J	190	2.3	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Benzo(k)fluoranthene	340		190	2.1	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Chrysene	890		190	1.9	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Dibenz(a,h)anthracene	58	J	190	2.3	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Fluoranthene	2000		190	2.8	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Fluorene	140	J	190	4.5	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Indeno(1,2,3-c,d)pyrene	160	J	190	5.3	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Naphthalene	60	J	190	3.2	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Phenanthrene	1800		190	4.1	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1
Pyrene	1500		190	1.3	ug/Kg	☼	03/20/12 10:52	03/21/12 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*34 - 132*	*03/20/12 10:52*	*03/21/12 19:18*	*1*
2-Fluorobiphenyl	*84*		*37 - 120*	*03/20/12 10:52*	*03/21/12 19:18*	*1*
p-Terphenyl-d14	*83*		*65 - 153*	*03/20/12 10:52*	*03/21/12 19:18*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.3		2.4		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1
Barium	55.7		0.60		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1
Cadmium	0.26		0.24		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1
Chromium	9.7	B7	0.60		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1
Lead	483		1.2		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1
Selenium	ND		4.8		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1
Silver	ND		0.60		mg/Kg	☼	03/20/12 10:30	03/20/12 21:43	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068		0.022		mg/Kg	☼	03/20/12 08:30	03/20/12 11:17	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SB-9 12'-14'
Date Collected: 03/16/12 10:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-9
Matrix: Solid
Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.94	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2,4-Trimethylbenzene	ND		5.8	1.1	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,3,5-Trimethylbenzene	ND		5.8	0.37	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
4-Isopropyltoluene	ND		5.8	0.46	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Acetone	**14**	**J**	29	4.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Benzene	ND		5.8	0.28	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Bromodichloromethane	ND		5.8	0.78	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Bromomethane	ND		5.8	0.52	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Carbon disulfide	ND		5.8	2.9	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Chlorobenzene	ND		5.8	0.76	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Chloroethane	ND		5.8	1.3	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Chloromethane	ND		5.8	0.35	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
cis-1,3-Dichloropropene	ND		5.8	0.83	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Cyclohexane	**0.92**	**J**	5.8	0.81	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
m,p-Xylene	ND		12	0.97	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Methyl acetate	ND		5.8	1.1	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Methylcyclohexane	**1.8**	**J**	5.8	0.88	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
n-Butylbenzene	ND		5.8	0.50	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
N-Propylbenzene	ND		5.8	0.46	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
o-Xylene	ND		5.8	0.76	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
sec-Butylbenzene	ND		5.8	0.50	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Styrene	ND		5.8	0.29	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
tert-Butylbenzene	ND		5.8	0.60	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Toluene	ND		5.8	0.44	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SB-9 12'-14'
Date Collected: 03/16/12 10:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-9
Matrix: Solid
Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
trans-1,3-Dichloropropene	ND		5.8	2.5	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1
Xylenes, Total	ND		12	0.97	ug/Kg	☼	03/20/12 10:36	03/20/12 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*03/20/12 10:36*	*03/20/12 14:50*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*03/20/12 10:36*	*03/20/12 14:50*	*1*
Toluene-d8 (Surr)	*112*		*71 - 125*	*03/20/12 10:36*	*03/20/12 14:50*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-1
Date Collected: 03/16/12 13:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/12 17:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/12 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/20/12 17:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/12 17:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/12 17:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/12 17:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/12 17:51	1
1,2,4-Trimethylbenzene	**3.9**		1.0	0.75	ug/L			03/20/12 17:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/12 17:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/20/12 17:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/12 17:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/12 17:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/12 17:51	1
1,3,5-Trimethylbenzene	**1.1**		1.0	0.77	ug/L			03/20/12 17:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/12 17:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/12 17:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/12 17:51	1
2-Hexanone	**1.4**	**J**	5.0	1.2	ug/L			03/20/12 17:51	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/20/12 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/12 17:51	1
Acetone	**4.8**	**J**	10	3.0	ug/L			03/20/12 17:51	1
Benzene	ND		1.0	0.41	ug/L			03/20/12 17:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/12 17:51	1
Bromoform	ND		1.0	0.26	ug/L			03/20/12 17:51	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/12 17:51	1
Carbon disulfide	**0.85**	**J**	1.0	0.19	ug/L			03/20/12 17:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/12 17:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/12 17:51	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/12 17:51	1
Chloroform	ND		1.0	0.34	ug/L			03/20/12 17:51	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/12 17:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/12 17:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/12 17:51	1
Cyclohexane	**9.3**		1.0	0.18	ug/L			03/20/12 17:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/20/12 17:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/12 17:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/12 17:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/12 17:51	1
m,p-Xylene	**2.1**		2.0	0.66	ug/L			03/20/12 17:51	1
Methyl acetate	ND		1.0	0.50	ug/L			03/20/12 17:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/12 17:51	1
Methylcyclohexane	**15**		1.0	0.16	ug/L			03/20/12 17:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/12 17:51	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/20/12 17:51	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/20/12 17:51	1
o-Xylene	**1.2**		1.0	0.76	ug/L			03/20/12 17:51	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/20/12 17:51	1
Styrene	ND		1.0	0.73	ug/L			03/20/12 17:51	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/20/12 17:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/12 17:51	1
Toluene	ND		1.0	0.51	ug/L			03/20/12 17:51	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-1
Date Collected: 03/16/12 13:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/12 17:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/12 17:51	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/12 17:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/12 17:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/12 17:51	1
Xylenes, Total	**3.3**		2.0	0.66	ug/L			03/20/12 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*03/20/12 17:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/20/12 17:51*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*03/20/12 17:51*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-2
Date Collected: 03/16/12 14:00
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/12 18:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/12 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/20/12 18:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/12 18:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/12 18:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/12 18:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/12 18:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/20/12 18:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/12 18:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/20/12 18:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/12 18:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/12 18:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/12 18:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/20/12 18:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/12 18:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/12 18:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/12 18:17	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/12 18:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/20/12 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/12 18:17	1
Acetone	ND		10	3.0	ug/L			03/20/12 18:17	1
Benzene	ND		1.0	0.41	ug/L			03/20/12 18:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/12 18:17	1
Bromoform	ND		1.0	0.26	ug/L			03/20/12 18:17	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/12 18:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/12 18:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/12 18:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/12 18:17	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/12 18:17	1
Chloroform	ND		1.0	0.34	ug/L			03/20/12 18:17	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/12 18:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/12 18:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/12 18:17	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/12 18:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/20/12 18:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/12 18:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/12 18:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/12 18:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/20/12 18:17	1
Methyl acetate	ND		1.0	0.50	ug/L			03/20/12 18:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/12 18:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/12 18:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/12 18:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/20/12 18:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/20/12 18:17	1
o-Xylene	ND		1.0	0.76	ug/L			03/20/12 18:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/20/12 18:17	1
Styrene	ND		1.0	0.73	ug/L			03/20/12 18:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/20/12 18:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/12 18:17	1
Toluene	ND		1.0	0.51	ug/L			03/20/12 18:17	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-2
Date Collected: 03/16/12 14:00
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/12 18:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/12 18:17	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/12 18:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/12 18:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/12 18:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/12 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*03/20/12 18:17*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/20/12 18:17*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*03/20/12 18:17*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-3
Date Collected: 03/16/12 14:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/12 18:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/12 18:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/20/12 18:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/12 18:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/12 18:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/12 18:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/12 18:41	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/20/12 18:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/12 18:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/20/12 18:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/12 18:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/12 18:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/12 18:41	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/20/12 18:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/12 18:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/12 18:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/12 18:41	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/12 18:41	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/20/12 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/12 18:41	1
Acetone	**3.7**	**J**	10	3.0	ug/L			03/20/12 18:41	1
Benzene	ND		1.0	0.41	ug/L			03/20/12 18:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/12 18:41	1
Bromoform	ND		1.0	0.26	ug/L			03/20/12 18:41	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/12 18:41	1
Carbon disulfide	**0.68**	**J**	1.0	0.19	ug/L			03/20/12 18:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/12 18:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/12 18:41	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/12 18:41	1
Chloroform	ND		1.0	0.34	ug/L			03/20/12 18:41	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/12 18:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/12 18:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/12 18:41	1
Cyclohexane	**1.7**		1.0	0.18	ug/L			03/20/12 18:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/20/12 18:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/12 18:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/12 18:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/12 18:41	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/20/12 18:41	1
Methyl acetate	ND		1.0	0.50	ug/L			03/20/12 18:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/12 18:41	1
Methylcyclohexane	**3.5**		1.0	0.16	ug/L			03/20/12 18:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/12 18:41	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/20/12 18:41	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/20/12 18:41	1
o-Xylene	ND		1.0	0.76	ug/L			03/20/12 18:41	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/20/12 18:41	1
Styrene	ND		1.0	0.73	ug/L			03/20/12 18:41	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/20/12 18:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/12 18:41	1
Toluene	ND		1.0	0.51	ug/L			03/20/12 18:41	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-3
Date Collected: 03/16/12 14:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/12 18:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/12 18:41	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/12 18:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/12 18:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/12 18:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/12 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*03/20/12 18:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*03/20/12 18:41*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*03/20/12 18:41*	*1*

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)
480-17418-9	SB-9 12'-14'	107	96	112
480-17418-9 MS	SB-9 12'-14'	110	103	109
480-17418-9 MSD	SB-9 12'-14'	111	103	109
LCS 480-55923/1-A	Lab Control Sample	107	104	108
MB 480-55923/2-A	Method Blank	92	98	107

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-17418-10	TMW-1	105	95	99
480-17418-11	TMW-2	107	101	108
480-17418-12	TMW-3	108	103	108
LCS 480-55949/4	Lab Control Sample	106	103	109
MB 480-55949/5	Method Blank	107	102	109

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		NBZ	FBP	TPH
Lab Sample ID	Client Sample ID	(34-132)	(37-120)	(65-153)
480-17418-1	SS-2	94	92	90
480-17418-2	SS-3	91	100	98
480-17418-3	SS-4	90	91	91
480-17418-4	SS-5	89	89	87
480-17418-4 MS	SS-5	104	103	98
480-17418-4 MSD	SS-5	100	97	93
480-17418-5	SB-1	76	77	79
480-17418-6	SB-4	76	79	87
480-17418-7	SB-6	68	74	83
480-17418-8	SB-9	77	84	83
LCS 480-55961/2-A	Lab Control Sample	84	92	120
MB 480-55961/1-A	Method Blank	77	80	95

Surrogate Legend

NBZ = Nitrobenzene-d5
FBP = 2-Fluorobiphenyl
TPH = p-Terphenyl-d14

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB2	TCX2								
Lab Sample ID	Client Sample ID	(36-182)	(24-172)								
480-17418-1	SS-2	125	106								
480-17418-2	SS-3	118	107								
480-17418-3	SS-4	123	115								
480-17418-4	SS-5	120	106								
LCS 480-56111/2-A	Lab Control Sample	146	140								
MB 480-56111/1-A	Method Blank	126	125								

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-55923/2-A
Matrix: Solid
Analysis Batch: 55911

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55923

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
2-Hexanone	ND		25	2.5	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Acetone	ND		25	4.2	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Benzene	ND		5.0	0.25	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Bromoform	ND		5.0	2.5	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Bromomethane	ND		5.0	0.45	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Chloroethane	ND		5.0	1.1	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Chloroform	ND		5.0	0.31	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Chloromethane	ND		5.0	0.30	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Cyclohexane	ND		5.0	0.70	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
m,p-Xylene	ND		10	0.84	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Methyl acetate	ND		5.0	0.93	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
o-Xylene	ND		5.0	0.65	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Styrene	ND		5.0	0.25	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		03/20/12 08:11	03/20/12 10:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55923/2-A
Matrix: Solid
Analysis Batch: 55911

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55923

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	0.67	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Toluene	ND		5.0	0.38	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Trichloroethene	ND		5.0	1.1	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		03/20/12 08:11	03/20/12 10:42	1
Xylenes, Total	ND		10	0.84	ug/Kg		03/20/12 08:11	03/20/12 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*	*03/20/12 08:11*	*03/20/12 10:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*03/20/12 08:11*	*03/20/12 10:42*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*03/20/12 08:11*	*03/20/12 10:42*	*1*

Lab Sample ID: LCS 480-55923/1-A
Matrix: Solid
Analysis Batch: 55911

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55923

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	42.8		ug/Kg		86	79 - 126
1,1-Dichloroethene	50.0	38.2		ug/Kg		76	65 - 153
1,2,4-Trimethylbenzene	50.0	43.7		ug/Kg		87	74 - 120
1,2-Dichlorobenzene	50.0	44.1		ug/Kg		88	75 - 120
1,2-Dichloroethane	50.0	44.9		ug/Kg		90	77 - 122
Benzene	50.0	43.6		ug/Kg		87	79 - 127
Chlorobenzene	50.0	45.3		ug/Kg		91	76 - 124
cis-1,2-Dichloroethene	50.0	42.8		ug/Kg		86	81 - 117
Ethylbenzene	50.0	45.1		ug/Kg		90	80 - 120
m,p-Xylene	100	90.7		ug/Kg		91	70 - 130
Methyl tert-butyl ether	50.0	41.1		ug/Kg		82	63 - 125
o-Xylene	50.0	45.2		ug/Kg		90	70 - 130
Tetrachloroethene	50.0	45.5		ug/Kg		91	74 - 122
Toluene	50.0	44.9		ug/Kg		90	74 - 128
trans-1,2-Dichloroethene	50.0	44.3		ug/Kg		89	78 - 126
Trichloroethene	50.0	42.9		ug/Kg		86	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*108*		*71 - 125*

Lab Sample ID: 480-17418-9 MS
Matrix: Solid
Analysis Batch: 55911

Client Sample ID: SB-9 12'-14'
Prep Type: Total/NA
Prep Batch: 55923

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		60.5	34.4	F	ug/Kg	☼	57	79 - 126
1,1-Dichloroethene	ND		60.5	28.7	F	ug/Kg	☼	47	65 - 153
1,2,4-Trimethylbenzene	ND		60.5	9.42	F	ug/Kg	☼	16	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17418-9 MS
Matrix: Solid
Analysis Batch: 55911

Client Sample ID: SB-9 12'-14'
Prep Type: Total/NA
Prep Batch: 55923

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	ND		60.5	6.11	F	ug/Kg	☼	10	75 - 120
1,2-Dichloroethane	ND		60.5	33.3	F	ug/Kg	☼	55	77 - 122
Benzene	ND		60.5	31.4	F	ug/Kg	☼	52	79 - 127
Chlorobenzene	ND		60.5	16.8	F	ug/Kg	☼	28	76 - 124
cis-1,2-Dichloroethene	ND		60.5	31.1	F	ug/Kg	☼	51	81 - 117
Ethylbenzene	ND		60.5	17.2	F	ug/Kg	☼	28	80 - 120
m,p-Xylene	ND		121	32.3	F	ug/Kg	☼	27	70 - 130
Methyl tert-butyl ether	ND		60.5	38.9		ug/Kg	☼	64	63 - 125
o-Xylene	ND		60.5	16.3	F	ug/Kg	☼	27	70 - 130
Tetrachloroethene	ND		60.5	18.1	F	ug/Kg	☼	30	74 - 122
Toluene	ND		60.5	23.8	F	ug/Kg	☼	39	74 - 128
trans-1,2-Dichloroethene	ND		60.5	32.9	F	ug/Kg	☼	54	78 - 126
Trichloroethene	ND		60.5	23.6	F	ug/Kg	☼	39	77 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*
Toluene-d8 (Surr)	*109*		*71 - 125*

Lab Sample ID: 480-17418-9 MSD
Matrix: Solid
Analysis Batch: 55911

Client Sample ID: SB-9 12'-14'
Prep Type: Total/NA
Prep Batch: 55923

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		59.0	34.2	F	ug/Kg	☼	58	79 - 126	0	30
1,1-Dichloroethene	ND		59.0	26.9	F	ug/Kg	☼	46	65 - 153	6	30
1,2,4-Trimethylbenzene	ND		59.0	10.9	F	ug/Kg	☼	18	74 - 120	14	30
1,2-Dichlorobenzene	ND		59.0	7.89	F	ug/Kg	☼	13	75 - 120	25	30
1,2-Dichloroethane	ND		59.0	34.2	F	ug/Kg	☼	58	77 - 122	3	30
Benzene	ND		59.0	31.4	F	ug/Kg	☼	53	79 - 127	0	30
Chlorobenzene	ND		59.0	17.9	F	ug/Kg	☼	30	76 - 124	7	30
cis-1,2-Dichloroethene	ND		59.0	31.1	F	ug/Kg	☼	53	81 - 117	0	30
Ethylbenzene	ND		59.0	17.9	F	ug/Kg	☼	30	80 - 120	4	30
m,p-Xylene	ND		118	34.0	F	ug/Kg	☼	29	70 - 130	5	30
Methyl tert-butyl ether	ND		59.0	41.8		ug/Kg	☼	71	63 - 125	7	30
o-Xylene	ND		59.0	17.8	F	ug/Kg	☼	30	70 - 130	9	30
Tetrachloroethene	ND		59.0	18.4	F	ug/Kg	☼	31	74 - 122	2	30
Toluene	ND		59.0	24.4	F	ug/Kg	☼	41	74 - 128	3	30
trans-1,2-Dichloroethene	ND		59.0	32.4	F	ug/Kg	☼	55	78 - 126	2	30
Trichloroethene	ND		59.0	23.9	F	ug/Kg	☼	40	77 - 129	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*
Toluene-d8 (Surr)	*109*		*71 - 125*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55949/5
Matrix: Water
Analysis Batch: 55949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/20/12 12:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/20/12 12:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/20/12 12:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/20/12 12:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/20/12 12:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/20/12 12:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/20/12 12:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/20/12 12:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/20/12 12:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/20/12 12:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/20/12 12:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/20/12 12:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/20/12 12:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/20/12 12:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/20/12 12:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/20/12 12:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/20/12 12:37	1
2-Hexanone	ND		5.0	1.2	ug/L			03/20/12 12:37	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/20/12 12:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/20/12 12:37	1
Acetone	ND		10	3.0	ug/L			03/20/12 12:37	1
Benzene	ND		1.0	0.41	ug/L			03/20/12 12:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/20/12 12:37	1
Bromoform	ND		1.0	0.26	ug/L			03/20/12 12:37	1
Bromomethane	ND		1.0	0.69	ug/L			03/20/12 12:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/20/12 12:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/20/12 12:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/20/12 12:37	1
Chloroethane	ND		1.0	0.32	ug/L			03/20/12 12:37	1
Chloroform	ND		1.0	0.34	ug/L			03/20/12 12:37	1
Chloromethane	ND		1.0	0.35	ug/L			03/20/12 12:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/20/12 12:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/20/12 12:37	1
Cyclohexane	ND		1.0	0.18	ug/L			03/20/12 12:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/20/12 12:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/20/12 12:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/20/12 12:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/20/12 12:37	1
m,p-Xylene	ND		2.0	0.66	ug/L			03/20/12 12:37	1
Methyl acetate	ND		1.0	0.50	ug/L			03/20/12 12:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/20/12 12:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/20/12 12:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/20/12 12:37	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/20/12 12:37	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/20/12 12:37	1
o-Xylene	ND		1.0	0.76	ug/L			03/20/12 12:37	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/20/12 12:37	1
Styrene	ND		1.0	0.73	ug/L			03/20/12 12:37	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/20/12 12:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55949/5
Matrix: Water
Analysis Batch: 55949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			03/20/12 12:37	1
Toluene	ND		1.0	0.51	ug/L			03/20/12 12:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/20/12 12:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/20/12 12:37	1
Trichloroethene	ND		1.0	0.46	ug/L			03/20/12 12:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/20/12 12:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/20/12 12:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/20/12 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*03/20/12 12:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*03/20/12 12:37*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*03/20/12 12:37*	*1*

Lab Sample ID: LCS 480-55949/4
Matrix: Water
Analysis Batch: 55949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.1		ug/L		100	71 - 129
1,1-Dichloroethene	25.0	21.4		ug/L		86	65 - 138
1,2,4-Trimethylbenzene	25.0	24.1		ug/L		96	76 - 121
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	77 - 120
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 127
Benzene	25.0	25.6		ug/L		102	71 - 124
Chlorobenzene	25.0	25.9		ug/L		104	72 - 120
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
m,p-Xylene	50.0	52.1		ug/L		104	76 - 122
Methyl tert-butyl ether	25.0	25.5		ug/L		102	64 - 127
o-Xylene	25.0	25.3		ug/L		101	76 - 122
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	25.4		ug/L		102	70 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	25.3		ug/L		101	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*109*		*71 - 126*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-55961/1-A
Matrix: Solid
Analysis Batch: 56149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	2.0	ug/Kg		03/20/12 10:52	03/21/12 15:00	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55961/1-A
Matrix: Solid
Analysis Batch: 56149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		170	1.4	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Anthracene	ND		170	4.3	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Benz(a)anthracene	ND		170	2.9	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Benzo(a)pyrene	ND		170	4.0	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Benzo(b)fluoranthene	ND		170	3.2	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Benzo(k)fluoranthene	ND		170	1.8	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Chrysene	ND		170	1.7	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Fluoranthene	ND		170	2.4	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Fluorene	ND		170	3.8	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Indeno(1,2,3-c,d)pyrene	ND		170	4.6	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Naphthalene	ND		170	2.8	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Phenanthrene	ND		170	3.5	ug/Kg		03/20/12 10:52	03/21/12 15:00	1
Pyrene	ND		170	1.1	ug/Kg		03/20/12 10:52	03/21/12 15:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*34 - 132*	*03/20/12 10:52*	*03/21/12 15:00*	*1*
2-Fluorobiphenyl	*80*		*37 - 120*	*03/20/12 10:52*	*03/21/12 15:00*	*1*
p-Terphenyl-d14	*95*		*65 - 153*	*03/20/12 10:52*	*03/21/12 15:00*	*1*

Lab Sample ID: LCS 480-55961/2-A
Matrix: Solid
Analysis Batch: 56464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3290	3190		ug/Kg		97	53 - 120
Acenaphthylene	3290	3240		ug/Kg		98	58 - 121
Anthracene	3290	3350		ug/Kg		102	62 - 129
Benz(a)anthracene	3290	3410		ug/Kg		104	65 - 133
Benzo(a)pyrene	3290	3500		ug/Kg		106	64 - 127
Benzo(b)fluoranthene	3290	3320		ug/Kg		101	64 - 135
Benzo(g,h,i)perylene	3290	3860		ug/Kg		117	50 - 152
Benzo(k)fluoranthene	3290	3960		ug/Kg		120	58 - 138
Chrysene	3290	3410		ug/Kg		104	64 - 131
Dibenz(a,h)anthracene	3290	3950		ug/Kg		120	54 - 148
Fluoranthene	3290	3640		ug/Kg		111	62 - 131
Fluorene	3290	3360		ug/Kg		102	63 - 126
Indeno(1,2,3-c,d)pyrene	3290	4050		ug/Kg		123	56 - 149
Naphthalene	3290	2870		ug/Kg		87	46 - 120
Phenanthrene	3290	3470		ug/Kg		105	60 - 130
Pyrene	3290	3750		ug/Kg		114	51 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*84*		*34 - 132*
2-Fluorobiphenyl	*92*		*37 - 120*
p-Terphenyl-d14	*120*		*65 - 153*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17418-4 MS
Matrix: Solid
Analysis Batch: 56149

Client Sample ID: SS-5
Prep Type: Total/NA
Prep Batch: 55961

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	390	J	4090	5090		ug/Kg	☼	115	53 - 120
Acenaphthylene	92	J	4090	4770		ug/Kg	☼	114	58 - 121
Anthracene	3600		4090	11000	F	ug/Kg	☼	181	62 - 129
Benz(a)anthracene	11000		4090	28000	F	ug/Kg	☼	427	65 - 133
Benzo(a)pyrene	7100		4090	23100	F	ug/Kg	☼	391	64 - 127
Benzo(b)fluoranthene	12000		4090	41700	E F	ug/Kg	☼	716	64 - 135
Benzo(g,h,i)perylene	1700		4090	5500		ug/Kg	☼	93	50 - 152
Benzo(k)fluoranthene	5800		4090	16600	F	ug/Kg	☼	262	58 - 138
Chrysene	8400		4090	25600	F	ug/Kg	☼	420	64 - 131
Dibenz(a,h)anthracene	690	J	4090	3780		ug/Kg	☼	76	54 - 148
Fluoranthene	25000		4090	61900	E 4	ug/Kg	☼	894	62 - 131
Fluorene	560	J	4090	5220		ug/Kg	☼	114	63 - 126
Indeno(1,2,3-c,d)pyrene	2000		4090	6790		ug/Kg	☼	118	56 - 149
Naphthalene	250	J	4090	4320		ug/Kg	☼	99	46 - 120
Phenanthrene	15000		4090	34900	E F	ug/Kg	☼	486	60 - 130
Pyrene	17000		4090	39800	E 4	ug/Kg	☼	566	51 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*104*		*34 - 132*
2-Fluorobiphenyl	*103*		*37 - 120*
p-Terphenyl-d14	*98*		*65 - 153*

Lab Sample ID: 480-17418-4 MSD
Matrix: Solid
Analysis Batch: 56149

Client Sample ID: SS-5
Prep Type: Total/NA
Prep Batch: 55961

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	390	J	4130	4560		ug/Kg	☼	101	53 - 120	11	35
Acenaphthylene	92	J	4130	4320		ug/Kg	☼	102	58 - 121	10	18
Anthracene	3600		4130	7910	F	ug/Kg	☼	105	62 - 129	33	15
Benz(a)anthracene	11000		4130	18200	F	ug/Kg	☼	185	65 - 133	42	15
Benzo(a)pyrene	7100		4130	13500	F	ug/Kg	☼	155	64 - 127	52	15
Benzo(b)fluoranthene	12000		4130	22700	F	ug/Kg	☼	250	64 - 135	59	15
Benzo(g,h,i)perylene	1700		4130	3550	F	ug/Kg	☼	45	50 - 152	43	15
Benzo(k)fluoranthene	5800		4130	10600	F	ug/Kg	☼	115	58 - 138	44	22
Chrysene	8400		4130	14800	F	ug/Kg	☼	155	64 - 131	53	15
Dibenz(a,h)anthracene	690	J	4130	2440	F	ug/Kg	☼	42	54 - 148	43	15
Fluoranthene	25000		4130	35300	E 4 F	ug/Kg	☼	243	62 - 131	55	15
Fluorene	560	J	4130	4690		ug/Kg	☼	100	63 - 126	11	15
Indeno(1,2,3-c,d)pyrene	2000		4130	4300	F	ug/Kg	☼	56	56 - 149	45	15
Naphthalene	250	J	4130	4170		ug/Kg	☼	95	46 - 120	3	29
Phenanthrene	15000		4130	20400	F	ug/Kg	☼	131	60 - 130	52	15
Pyrene	17000		4130	24400	4 F	ug/Kg	☼	186	51 - 133	48	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5	*100*		*34 - 132*
2-Fluorobiphenyl	*97*		*37 - 120*
p-Terphenyl-d14	*93*		*65 - 153*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-56111/1-A
Matrix: Solid
Analysis Batch: 56205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	44	ug/Kg		03/21/12 08:56	03/21/12 16:34	1
PCB-1221	ND		220	44	ug/Kg		03/21/12 08:56	03/21/12 16:34	1
PCB-1232	ND		220	44	ug/Kg		03/21/12 08:56	03/21/12 16:34	1
PCB-1242	ND		220	48	ug/Kg		03/21/12 08:56	03/21/12 16:34	1
PCB-1248	ND		220	44	ug/Kg		03/21/12 08:56	03/21/12 16:34	1
PCB-1254	ND		220	47	ug/Kg		03/21/12 08:56	03/21/12 16:34	1
PCB-1260	ND		220	100	ug/Kg		03/21/12 08:56	03/21/12 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*36 - 182*	*03/21/12 08:56*	*03/21/12 16:34*	*1*
Tetrachloro-m-xylene	*125*		*24 - 172*	*03/21/12 08:56*	*03/21/12 16:34*	*1*

Lab Sample ID: LCS 480-56111/2-A
Matrix: Solid
Analysis Batch: 56205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2380	3070		ug/Kg		129	51 - 185
PCB-1260	2380	3280		ug/Kg		138	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*146*		*36 - 182*
Tetrachloro-m-xylene	*140*		*24 - 172*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-55948/1-A
Matrix: Solid
Analysis Batch: 56100

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.2		mg/Kg		03/20/12 10:30	03/20/12 21:02	1
Barium	ND		0.55		mg/Kg		03/20/12 10:30	03/20/12 21:02	1
Cadmium	ND		0.22		mg/Kg		03/20/12 10:30	03/20/12 21:02	1
Chromium	0.580		0.55		mg/Kg		03/20/12 10:30	03/20/12 21:02	1
Lead	ND		1.1		mg/Kg		03/20/12 10:30	03/20/12 21:02	1
Selenium	ND		4.4		mg/Kg		03/20/12 10:30	03/20/12 21:02	1
Silver	ND		0.55		mg/Kg		03/20/12 10:30	03/20/12 21:02	1

Lab Sample ID: LCSSRM 480-55948/2-A
Matrix: Solid
Analysis Batch: 56100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55948

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	109	102.2		mg/Kg		94	70 - 134
Barium	206	195.8		mg/Kg		95	73 - 127
Cadmium	80.2	85.41		mg/Kg		106	73 - 127
Chromium	117	115.7		mg/Kg		99	70 - 130
Lead	76.2	74.30		mg/Kg		97	69 - 131

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-55948/2-A
Matrix: Solid
Analysis Batch: 56100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55948

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Selenium			127	124.5		mg/Kg		98	67 - 134		
Silver			41.0	38.32		mg/Kg		93	66 - 134		

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-55903/1-A
Matrix: Solid
Analysis Batch: 55971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg		03/20/12 08:30	03/20/12 11:00	1

Lab Sample ID: LCSSRM 480-55903/2-A
Matrix: Solid
Analysis Batch: 55971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55903

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			3.77	4.79		mg/Kg		127	51 - 149		

Lab Sample ID: 480-17418-8 MS
Matrix: Solid
Analysis Batch: 55997

Client Sample ID: SB-9
Prep Type: Total/NA
Prep Batch: 55903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.068		0.352	0.155	F	mg/Kg	☼	25	75 - 125		

Lab Sample ID: 480-17418-8 MSD
Matrix: Solid
Analysis Batch: 55997

Client Sample ID: SB-9
Prep Type: Total/NA
Prep Batch: 55903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.068		0.377	0.192	F	mg/Kg	☼	33	75 - 125	22	20

GC/MS VOA

Analysis Batch: 55911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-9	SB-9 12'-14'	Total/NA	Solid	8260B	55923
480-17418-9 MS	SB-9 12'-14'	Total/NA	Solid	8260B	55923
480-17418-9 MSD	SB-9 12'-14'	Total/NA	Solid	8260B	55923
LCS 480-55923/1-A	Lab Control Sample	Total/NA	Solid	8260B	55923
MB 480-55923/2-A	Method Blank	Total/NA	Solid	8260B	55923

Prep Batch: 55923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-9	SB-9 12'-14'	Total/NA	Solid	5035	
480-17418-9 MS	SB-9 12'-14'	Total/NA	Solid	5035	
480-17418-9 MSD	SB-9 12'-14'	Total/NA	Solid	5035	
LCS 480-55923/1-A	Lab Control Sample	Total/NA	Solid	5035	
MB 480-55923/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 55949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-10	TMW-1	Total/NA	Water	8260B	
480-17418-11	TMW-2	Total/NA	Water	8260B	
480-17418-12	TMW-3	Total/NA	Water	8260B	
LCS 480-55949/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-55949/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 55961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	3550B	
480-17418-2	SS-3	Total/NA	Solid	3550B	
480-17418-3	SS-4	Total/NA	Solid	3550B	
480-17418-4	SS-5	Total/NA	Solid	3550B	
480-17418-4 MS	SS-5	Total/NA	Solid	3550B	
480-17418-4 MSD	SS-5	Total/NA	Solid	3550B	
480-17418-5	SB-1	Total/NA	Solid	3550B	
480-17418-6	SB-4	Total/NA	Solid	3550B	
480-17418-7	SB-6	Total/NA	Solid	3550B	
480-17418-8	SB-9	Total/NA	Solid	3550B	
LCS 480-55961/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-55961/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 56149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	8270C	55961
480-17418-2	SS-3	Total/NA	Solid	8270C	55961
480-17418-3	SS-4	Total/NA	Solid	8270C	55961
480-17418-4	SS-5	Total/NA	Solid	8270C	55961
480-17418-4 MS	SS-5	Total/NA	Solid	8270C	55961
480-17418-4 MSD	SS-5	Total/NA	Solid	8270C	55961
480-17418-5	SB-1	Total/NA	Solid	8270C	55961
480-17418-6	SB-4	Total/NA	Solid	8270C	55961
480-17418-7	SB-6	Total/NA	Solid	8270C	55961
480-17418-8	SB-9	Total/NA	Solid	8270C	55961
MB 480-55961/1-A	Method Blank	Total/NA	Solid	8270C	55961

GC/MS Semi VOA (Continued)

Analysis Batch: 56464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-55961/2-A	Lab Control Sample	Total/NA	Solid	8270C	55961

GC Semi VOA

Prep Batch: 56111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	3550B	
480-17418-2	SS-3	Total/NA	Solid	3550B	
480-17418-3	SS-4	Total/NA	Solid	3550B	
480-17418-4	SS-5	Total/NA	Solid	3550B	
LCS 480-56111/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-56111/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 56205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	8082	56111
480-17418-2	SS-3	Total/NA	Solid	8082	56111
480-17418-3	SS-4	Total/NA	Solid	8082	56111
480-17418-4	SS-5	Total/NA	Solid	8082	56111
LCS 480-56111/2-A	Lab Control Sample	Total/NA	Solid	8082	56111
MB 480-56111/1-A	Method Blank	Total/NA	Solid	8082	56111

Metals

Prep Batch: 55903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	7471A	
480-17418-2	SS-3	Total/NA	Solid	7471A	
480-17418-3	SS-4	Total/NA	Solid	7471A	
480-17418-4	SS-5	Total/NA	Solid	7471A	
480-17418-5	SB-1	Total/NA	Solid	7471A	
480-17418-6	SB-4	Total/NA	Solid	7471A	
480-17418-7	SB-6	Total/NA	Solid	7471A	
480-17418-8	SB-9	Total/NA	Solid	7471A	
480-17418-8 MS	SB-9	Total/NA	Solid	7471A	
480-17418-8 MSD	SB-9	Total/NA	Solid	7471A	
LCSSRM 480-55903/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-55903/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 55948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	3050B	
480-17418-2	SS-3	Total/NA	Solid	3050B	
480-17418-3	SS-4	Total/NA	Solid	3050B	
480-17418-4	SS-5	Total/NA	Solid	3050B	
480-17418-5	SB-1	Total/NA	Solid	3050B	
480-17418-6	SB-4	Total/NA	Solid	3050B	
480-17418-7	SB-6	Total/NA	Solid	3050B	
480-17418-8	SB-9	Total/NA	Solid	3050B	
LCSSRM 480-55948/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-55948/1-A	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Analysis Batch: 55971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	7471A	55903
480-17418-2	SS-3	Total/NA	Solid	7471A	55903
480-17418-3	SS-4	Total/NA	Solid	7471A	55903
480-17418-4	SS-5	Total/NA	Solid	7471A	55903
480-17418-5	SB-1	Total/NA	Solid	7471A	55903
480-17418-6	SB-4	Total/NA	Solid	7471A	55903
480-17418-7	SB-6	Total/NA	Solid	7471A	55903
480-17418-8	SB-9	Total/NA	Solid	7471A	55903
LCSSRM 480-55903/2-A	Lab Control Sample	Total/NA	Solid	7471A	55903
MB 480-55903/1-A	Method Blank	Total/NA	Solid	7471A	55903

Analysis Batch: 55997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-8 MS	SB-9	Total/NA	Solid	7471A	55903
480-17418-8 MSD	SB-9	Total/NA	Solid	7471A	55903

Analysis Batch: 56100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	6010B	55948
480-17418-2	SS-3	Total/NA	Solid	6010B	55948
480-17418-3	SS-4	Total/NA	Solid	6010B	55948
480-17418-4	SS-5	Total/NA	Solid	6010B	55948
480-17418-5	SB-1	Total/NA	Solid	6010B	55948
480-17418-6	SB-4	Total/NA	Solid	6010B	55948
480-17418-7	SB-6	Total/NA	Solid	6010B	55948
480-17418-8	SB-9	Total/NA	Solid	6010B	55948
LCSSRM 480-55948/2-A	Lab Control Sample	Total/NA	Solid	6010B	55948
MB 480-55948/1-A	Method Blank	Total/NA	Solid	6010B	55948

General Chemistry

Analysis Batch: 55967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-9	SB-9 12'-14'	Total/NA	Solid	Moisture	

Analysis Batch: 56162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17418-1	SS-2	Total/NA	Solid	Moisture	
480-17418-2	SS-3	Total/NA	Solid	Moisture	
480-17418-3	SS-4	Total/NA	Solid	Moisture	
480-17418-4	SS-5	Total/NA	Solid	Moisture	
480-17418-5	SB-1	Total/NA	Solid	Moisture	
480-17418-6	SB-4	Total/NA	Solid	Moisture	
480-17418-7	SB-6	Total/NA	Solid	Moisture	
480-17418-8	SB-9	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: SS-2

Lab Sample ID: 480-17418-1

Date Collected: 03/16/12 12:00
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		5	56149	03/21/12 16:34	RMM	TAL BUF
Total/NA	Prep	3550B			56111	03/21/12 08:56	CM	TAL BUF
Total/NA	Analysis	8082		1	56205	03/21/12 23:15	JM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:03	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:21	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SS-3

Lab Sample ID: 480-17418-2

Date Collected: 03/16/12 12:15
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		5	56149	03/21/12 16:57	RMM	TAL BUF
Total/NA	Prep	3550B			56111	03/21/12 08:56	CM	TAL BUF
Total/NA	Analysis	8082		1	56205	03/21/12 23:30	JM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:05	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:28	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SS-4

Lab Sample ID: 480-17418-3

Date Collected: 03/16/12 12:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		5	56149	03/21/12 17:21	RMM	TAL BUF
Total/NA	Prep	3550B			56111	03/21/12 08:56	CM	TAL BUF
Total/NA	Analysis	8082		1	56205	03/21/12 23:45	JM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:07	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:31	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SS-5

Lab Sample ID: 480-17418-4

Date Collected: 03/16/12 12:45
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		5	56149	03/21/12 17:44	RMM	TAL BUF
Total/NA	Prep	3550B			56111	03/21/12 09:04	CM	TAL BUF
Total/NA	Analysis	8082		1	56205	03/22/12 00:00	JM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:10	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:33	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SB-1

Lab Sample ID: 480-17418-5

Date Collected: 03/16/12 08:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		1	56149	03/21/12 18:07	RMM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:12	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:36	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SB-4

Lab Sample ID: 480-17418-6

Date Collected: 03/16/12 09:00
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 73.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		1	56149	03/21/12 18:31	RMM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:14	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:38	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SB-6

Lab Sample ID: 480-17418-7

Date Collected: 03/16/12 09:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		1	56149	03/21/12 18:54	RMM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF

Client Sample ID: SB-6

Lab Sample ID: 480-17418-7

Date Collected: 03/16/12 09:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471A		1	55971	03/20/12 11:15	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:41	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SB-9

Lab Sample ID: 480-17418-8

Date Collected: 03/16/12 10:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			55961	03/20/12 10:52	CM	TAL BUF
Total/NA	Analysis	8270C		1	56149	03/21/12 19:18	RMM	TAL BUF
Total/NA	Prep	7471A			55903	03/20/12 08:30	JM	TAL BUF
Total/NA	Analysis	7471A		1	55971	03/20/12 11:17	JM	TAL BUF
Total/NA	Prep	3050B			55948	03/20/12 10:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	56100	03/20/12 21:43	AH	TAL BUF
Total/NA	Analysis	Moisture		1	56162	03/21/12 11:38	ZLR	TAL BUF

Client Sample ID: SB-9 12'-14'

Lab Sample ID: 480-17418-9

Date Collected: 03/16/12 10:30
Matrix: Solid
Date Received: 03/19/12 13:05
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			55923	03/20/12 10:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	55911	03/20/12 14:50	JMB	TAL BUF
Total/NA	Analysis	Moisture		1	55967	03/20/12 11:24	JMB	TAL BUF

Client Sample ID: TMW-1

Lab Sample ID: 480-17418-10

Date Collected: 03/16/12 13:30
Matrix: Water
Date Received: 03/19/12 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	55949	03/20/12 17:51	LH	TAL BUF

Client Sample ID: TMW-2

Lab Sample ID: 480-17418-11

Date Collected: 03/16/12 14:00
Matrix: Water
Date Received: 03/19/12 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	55949	03/20/12 18:17	LH	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Client Sample ID: TMW-3
Date Collected: 03/16/12 14:30
Date Received: 03/19/12 13:05

Lab Sample ID: 480-17418-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	55949	03/20/12 18:41	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 208-214 Washington St, Dunkirk

TestAmerica Job ID: 480-17418-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-17418-1	SS-2	Solid	03/16/12 12:00	03/19/12 13:05
480-17418-2	SS-3	Solid	03/16/12 12:15	03/19/12 13:05
480-17418-3	SS-4	Solid	03/16/12 12:30	03/19/12 13:05
480-17418-4	SS-5	Solid	03/16/12 12:45	03/19/12 13:05
480-17418-5	SB-1	Solid	03/16/12 08:30	03/19/12 13:05
480-17418-6	SB-4	Solid	03/16/12 09:00	03/19/12 13:05
480-17418-7	SB-6	Solid	03/16/12 09:30	03/19/12 13:05
480-17418-8	SB-9	Solid	03/16/12 10:30	03/19/12 13:05
480-17418-9	SB-9 12'-14'	Solid	03/16/12 10:30	03/19/12 13:05
480-17418-10	TMW-1	Water	03/16/12 13:30	03/19/12 13:05
480-17418-11	TMW-2	Water	03/16/12 14:00	03/19/12 13:05
480-17418-12	TMW-3	Water	03/16/12 14:30	03/19/12 13:05

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Turnkey Env Restoration, LLC	Mike Lesakowski	2/19/12	149964
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2558 Hamburg Turnpike	716-856-0599		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Buffalo / NY / 14218	Rick Dubasz	B. Fischer	
Project Name and Location (State)	**Carrier/Waybill Number**		
208-214 Washington Ave - Dunkirk, NY PHASE II			
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.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: SVOCs, PAHs only	RCRA Metals	PCBs	TCL VOCs + STARS List	Special Instructions/ Conditions of Receipt
SS-2	2/16/12	1200				V	V						1	1	1		
SS-3		1215				V	V						1	1	1		
SS-4		1230				V	V						1	1	1		
SS-5		1245				V	V						1	1	1		
SB-1		0830				V	V						1	1			
SB-4	2/16/12	0900				V	V						1	1			
SB-6		0930				V	V						1	1			
SB-9		1030				V	V						1	1			
SB-9 12-14'		1030				V	V									1	
Tmw-1		1330		V							V					1	
Tmw-2		1400		V							V					1	
Tmw-3		1430		V							V					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 Standard

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		2/19/12	1130		3-19-12	12:20
2.		3-19-12	13:05		3/19/12	1305
3.						

Comments

3.2 #

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

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-17418-1

Login Number: 17418

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	bmtk
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	