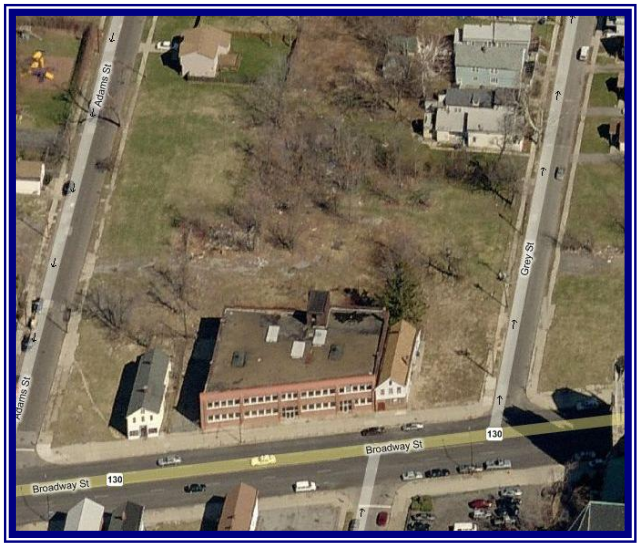
Limited Phase II Environmental Investigation Report

642 Broadway Street Site
Buffalo, New York

July 2011 0234-001-100

Prepared For:

Veteran Redevelopment, LLC



Prepared By:

TurnKey Environmental Restoration, LLC

2558 Hamburg Turnpike, Suite 300, Buffalo, New York 14218 | phone: (716) 856-0635 | fax: (716) 856-0583

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT

642 BROADWAY STREET SITE
BUFFALO, NEW YORK

July 2011 0234-001-100

Prepared for:

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LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT

642 Broadway Street Site

Buffalo, New York

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642 Broadway Street Site
Buffalo, New York

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1.0 INTRODUCTION

1.1 Background and Site Description

TurnKey Environmental Restoration, LLC (TurnKey) performed a Phase II Environmental Investigation on behalf of Veteran Redevelopment, LLC at 642 Broadway Street, Buffalo, Erie County, New York (Site; see Figure 1). This investigation was performed based on the findings of the May 2011 Phase I Environmental Site Assessment (ESA) Report prepared by TurnKey.

The Site is located in highly developed urban commercial and residential area of the City of Buffalo, New York. The Site is comprised of four adjoining parcels including 642 Broadway Street, and 399, 401, and 407 Adams Street. The Site fronts Broadway Street to the south and Adams Street to the west. The Site includes one vacant commercial structure located on the 642 Broadway Street parcel; and parking, driveway and currently vacant on the 399 – 407 Adams Street parcels (see Figure 2). Land use surrounding the subject property generally includes mixed commercial and residential use.

Turnkey performed a Phase I Environmental Site Assessment (ESA) for the subject property in May 2011. The ESA identified several recognized environmental conditions (RECs) related to historic automobile scrap yard, wrecking operation, machine shop and parts repair operations. A Phase II Site Investigation was recommended. As such, this investigation included a limited soil investigation program across the site and adjacent properties. The soil investigation employed excavation of test pits with a focus on areas potentially impacted by former operation as a salvage yard, and to provide general characterization of the property.

2.0 SUBSURFACE SOIL/FILL INVESTIGATION

2.1 Investigation

On June 23, 2011 TurnKey mobilized a track-mounted mini-excavator to the site and excavated eight (8) test pits, identified as TP-1 through TP-8, at various locations across the Site (see Figure 2). Soil descriptions were completed in the field via visual characterization of excavated soils and test pit excavation faces using the Unified Soil Classification System (USCS), and scanned for total volatile organic vapors with a calibrated MiniRae 2000 PID equipped with a 10.6 eV lamp. Test pit logs are presented in Attachment 1.

Soil samples were collected from TP-2, TP-3, TP-5, TP-6, and TP-8 for site characterization. The soil/fill samples were placed in pre-cleaned, laboratory provided sample bottles using dedicated stainless steel sampling tools, and cooled to 4º C in the field. The soil samples were transported under chain-of-custody command to Test for analysis of polycyclic aromatic hydrocarbons (PAHs) via EPA method 8270; and Resource Conservation and Recovery Act (RCRA) Metals.

3.0 INVESTIGATION FINDINGS

A total of eight test pits, identified as TP-1 through TP-8, were completed across the Site. Five soil/fill samples were collected for analysis.

Soil analytical results are presented in Table 1. For comparison purposes, soil analytical results are presented in Table 1 with comparison to NYCRR Part 375 Soil Cleanup Objectives (SCOs). The analytical data package is included electronically in Appendix B.

3.1 Qualitative Soil Screening

Soil samples were evaluated for presence of VOCs using a hand-held PID. PID measurements exhibited no indication of elevated VOCs above background readings (0.0 ppm) in any of the test pit locations. No visual evidence (i.e. staining or free product) was noted during the subsurface investigation.

3.1 Site Geology

The geology at the Site is typically characterized as an urban fill layer which included clay with brick, cinders and wood debris ranging from 0.0 to 5.0 feet below ground surface (fbgs) underlain by a lean clay layer. Groundwater was not encountered during the test pit excavations. Field logs are presented in Appendix A.

3.2 Soil Analytical Results

Soil analytical results indicate that three (3) of the five (5) test pit locations were elevated above regulatory guidance values. Specifically, samples from TP-3 and TP-5 detected multiple PAHs above Part 375 Unrestricted and Residential SCOs (see Table 1). Soil samples from TP-2, TP-3, and TP-5 also exceeded Part 375 Unrestricted SCOs for lead and/or mercury.

4.0 CONCLUSIONS AND RECOMMENDATIONS

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

- Based on the analytical results, elevated PAHs above Part 375 Unrestricted and Residential SCOs were identified in sample locations TP-3 and TP-5. Elevated lead and/or mercury were identified in three of five TP locations above Part 375 Unrestricted SCOs. PAHs and metals could reasonably be attributable to historic use of the Site as an automobile scrap yard, wrecking operation, machine shop and parts repair operations Additional investigation would be required to delineate the full extent of PAH and metals impacts across the Site.

- TurnKey understands that Veteran Redevelopment, LLC is considering purchasing the Site for redevelopment as a residential facility. The presence of elevated PAHs and metals on-Site will likely complicate redevelopment activities and potential funding opportunities. Consideration should be given to applying for 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.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of Veteran Redevelopment, 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 Veteran Redevelopment, 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 SOIL ANALYTICAL DATA

Limited Phase II Environmental Investigation
642 Broadway Site
Veteran Redevelopment LLC

PARAMETER [1]	Unrestricted SCOs [2]	Residential SCOs [2]	Sample Location				
			TP-2 (2.0 - 4.0)	TP-3 (0.0 - 2.0)	TP-5 (2.0 - 4.0)	TP-6 (0.5 - 2.5)	TP-8 (0.5 - 2.5)
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/Kg [3]							
Acenaphthene	20	100	0.029 J	ND	0.45 J	ND	0.011 J
Acenaphthylene	100	100	0.04 J	ND	0.31 J	ND	ND
Anthracene	100	100	0.13 J	ND	1.2 J	ND	0.03 J
Benzo(a)anthracene	1	1	0.35	0.94 J	**3.5 J**	0.018 J	0.064 J
Benzo(a)pyrene	1	1	0.37	**1.1 J**	**3.8 J**	0.019 J	0.062 J
Benzo(b)fluoranthene	1	1	0.43	**1.3 J**	**4.6**	0.026 J	0.071 J
Benzo(ghi)perylene	100	100	0.22	0.89 J	2.2 J	0.011 J	0.036 J
Benzo(k)fluoranthene	0.8	1	0.25	0.73 J	**2.5 J**	0.013 J	0.037 J
Chrysene	1	1	0.36	0.86 J	3.8 J	0.022 J	0.058 J
Dibenzo(a,h)anthracene	0.33	0.33	0.086 J	ND	**0.77 J**	ND	0.014 J
Fluoranthene	100	100	0.86	1.5 J	9.7	0.036 J	0.15 J
Fluorene	30	100	0.046 J	ND	0.54 J	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.22	**0.81 J**	**2.3 J**	0.013 J	0.036 J
Naphthalene	12	100	0.015 J	ND	ND	ND	ND
Phenanthrene	100	100	0.56	0.71 J	7.6	0.017 J	0.1 J
Pyrene	100	100	0.56	1.1 J	6.4	0.025 J	ND
Total Metals - mg/Kg [3]							
Arsenic	13	16	11.7	6.1	3.8	4.9	7.4
Barium	350	350	154	141	128	105	176
Cadmium	2.5	2.5	0.065	0.81	1.1	0.33	0.26
Chromium	30	36	15.1	17	8.4	15.4	15.2
Lead	63	400	**332**	**212**	**154**	39.4	13.2
Mercury	0.18	0.81	**0.27**	**0.31**	0.091	0.027	ND

Definitions:

ND = Parameter not detected above laboratory detection limit.

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

BOLD = Exceedance of Part 375 - Unrestriced Soil Cleanup Objectives (SCO's)

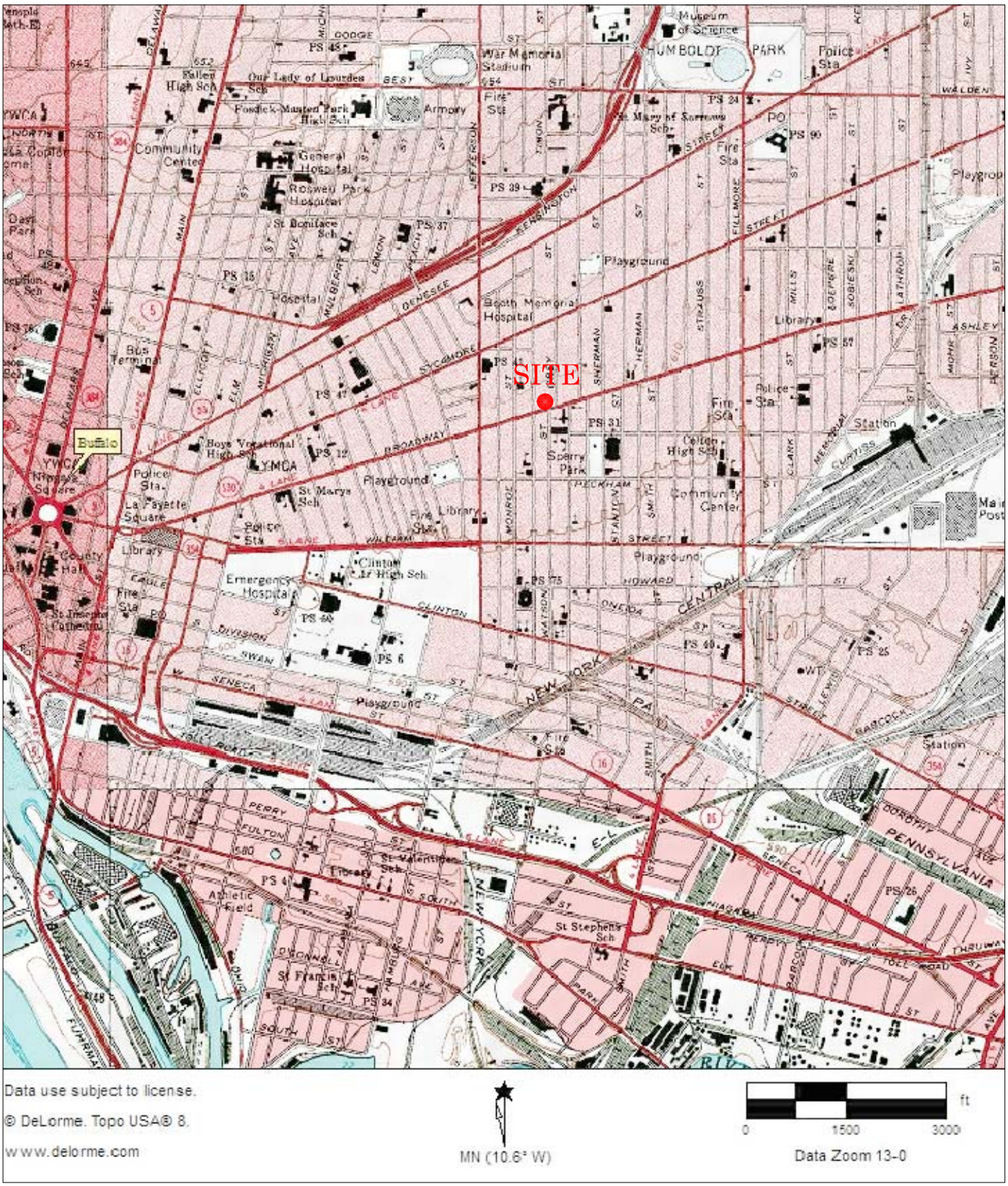
BOLD = Exceedance of Part 375 - Residential Use Soil Cleanup Objectives (SCO's)

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 6NYCRR Part 375 Soil Cleanup Objectives (December 2006).
3. Sample results were reported by the laboratory in ug/Kg and converted to mg/Kg for comparison to SCOs.

FIGURES

FIGURE 1



SITE LOCATION AND VACINITY MAP

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT

642 BROADWAY STREET SITE

BUFFALO, NEW YORK

PREPARED FOR

VETERAN REDEVELOPMENT, LLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0234-001-100

DATE: JULY 2011

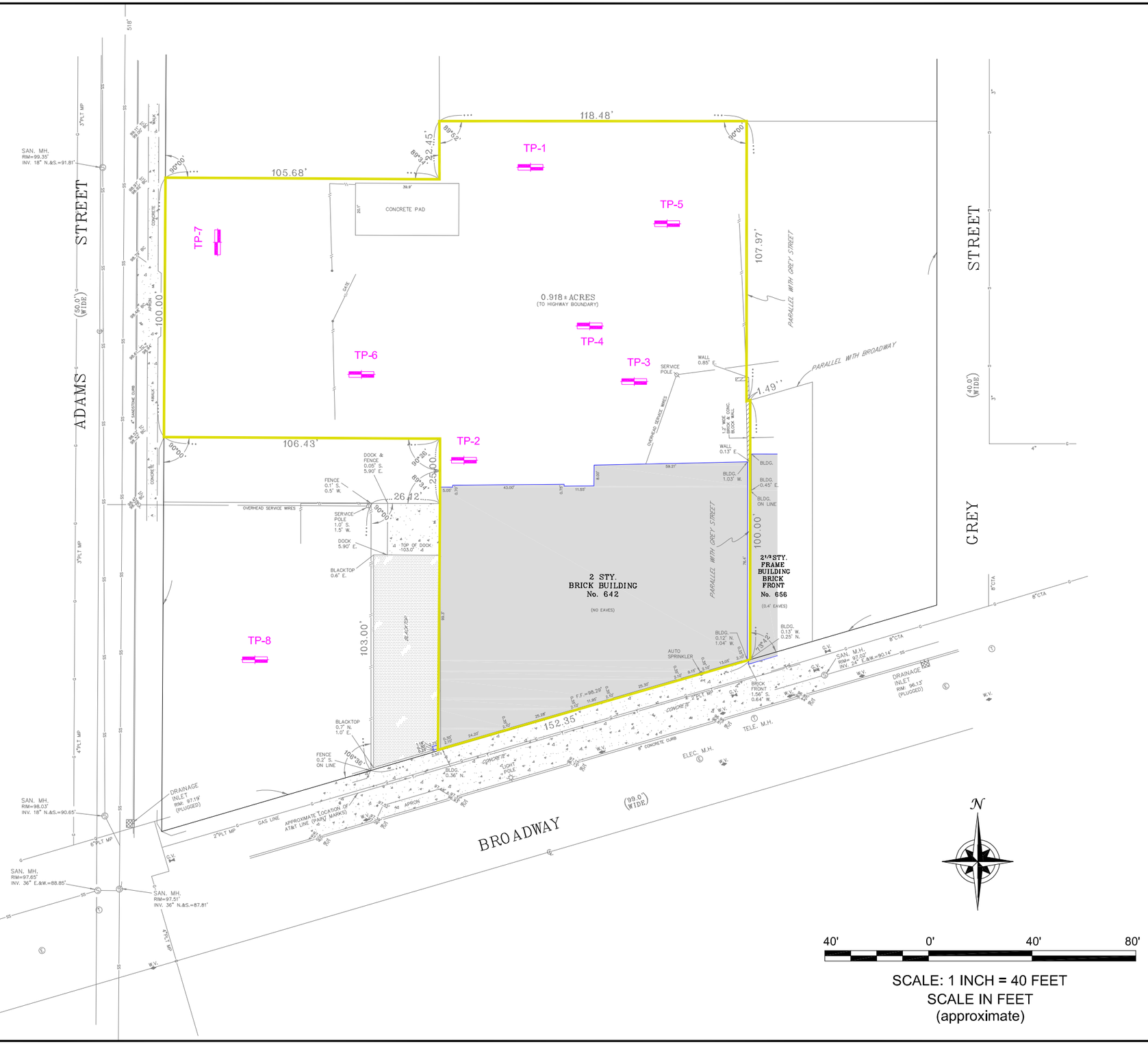
DRAFTED BY: JGT

LEGEND

PROPERTY BOUNDARY

EXISTING BUILDING

TP-1 TEST PIT LOCATION



N

40' 0' 40' 80'

SCALE: 1 INCH = 40 FEET
SCALE IN FEET
(approximate)

DATE: JULY 2011
DRAFTED BY: JCT

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0234-001-100

TEST PIT LOCATIONS

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION

642 BROADWAY SITE
BUFFALO, NEW YORK

PREPARED FOR
VETERAN REDEVELOPMENT, LLC

FIGURE 2

APPENDIX A

TEST PIT LOGS

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-1

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fines, few fine sand		0.0		
	-4.0			0.0		
	4.0	***Cobbles and Boulders*** Cobbles and boulders (max. demensions of 29")		0.0		
5.0	-6.4					
	6.4	***End of Test Pit***				
10.0						
15.0						
20.0						

PID VOCs: 0 25 50 75 100 ppm

Excavated By: ***Turnkey Environmental Restoration LLC*** ***Length: 12.8***
Excavator Type: ***Bobcat 430 Compact Excavator*** ***Width: 1.5***
Excavation Date(s): ***6-23-11*** ***Depth: 6.4***
Comments:

Depth to Water: ***NA***
Visual Impacts: ***None***
Olfactory Observations: ***None***

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-2

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Fill*** Blackish brown, moist, mostly non plastic fines, brick, wood debris, concrete and cinders		0.0		
	-4.0			0.0		
	4.0	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fines, few fine sand, medium toughness, medium dry strength, massive		0.0		
5.0	-7.0			0.0		
	7.0	***End of Test Pit***				
10.0						
15.0						
20.0						

PID VOCs: 0 25 50 75 100 ppm

Excavated By: Turnkey Environmental Restoration LLC ***Length: 10***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 7***
Comments:

Depth to Water: NA
Visual Impacts: None
Olfactory Observations: None

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-3

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Fill*** Blackish brown, moist, mostly non plastic fines, brick, wood debris, concrete and cinders		0.0		
	-2.5 / 2.5	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fine, few fine sand, medium toughness, medium dry strength, iron stained mottling, massive		0.0		
5.0				0.0		
	-8.0 / 8.0	***End of Test Pit***		0.0		
10.0						
15.0						
20.0						

PID VOCs scale: 0 25 50 75 100 ppm

Excavated By: Turnkey Environmental Restoration LLC ***Length: 12***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 8***
Comments:

Depth to Water: NA
Visual Impacts: None
Olfactory Observations: None

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-4

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Lean Clay with Fill*** Reddish brown, moist, mostly medium plasticity fines, few fine sands. Few red bricks and cinders. 2.5 fbgs in excavation encountered large stones varying from 1' to 2.5' by 6" stones		0.0 0.0		
	-4.0 4.0	***Cobbles and Boulders*** Mostly cobbles and boulders (max dimension of 29")		0.0 0.0 0.0		
	-9.0 9.0	***End of Test Pit***				

PID VOCs: ppm scale 0, 25, 50, 75, 100

Excavated By: Turnkey Environmental Restoration LLC ***Length: 13***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 9***
Comments:

Depth to Water: NA
Visual Impacts: None
Olfactory Observations: None

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-5

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Reworked Lean Clay*** Reddish brown, moist, mostly medium plasticity fines, few fine sand, some brick, cinders and wood debris		0.0 0.0 0.0		
5.0	-5.0 5.0	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fines, few fine sands. medium dry strength, medium toughness				
	-9.0 9.0	***End of Test Pit***				
10.0						
15.0						
20.0						

PID VOCs scale: 0 25 50 75 100 ppm

Excavated By: Turnkey Environmental Restoration LLC ***Length: 13***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 9***
Comments:

Depth to Water: None
Visual Impacts: None
Olfactory Observations: None

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-6

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Lean Clay with Fill*** Reddish brown, moist, mostly medium plasticity fines, few fine sand, brick, wood debris, concrete and cinders		0.0		
	-2.5 2.5	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fine, few fine sand, medium toughness, medium dry strength, iron stained mottling, massive		0.0 0.0 0.0		
5.0	-8.0 8.0	***End of Test Pit***				
10.0						
15.0						
20.0						

PID VOCs: 0 25 50 75 100 ppm

Excavated By: Turnkey Environmental Restoration LLC ***Length: 12***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 8***
Comments:

Depth to Water: NA
Visual Impacts: None
Olfactory Observations: None

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-7

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Lean Clay with Fill*** Reddish brown, moist, mostly medium plasticity fines, medium toughness, medium dry strength,with brick, wood debris, concrete and cinders		0.0		
	-2.5 2.5	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fines, medium toughness, medium dry strength, iron stained mottling, massive		0.0		
5.0				0.0		
	-8.0 8.0	***End of Test Pit***		0.0		
10.0						
15.0						
20.0						

PID VOCs ppm scale: 0 25 50 75 100

Excavated By: Turnkey Environmental Restoration LLC ***Length: 11***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 8***
Comments:

Depth to Water: NA
Visual Impacts: None
Olfactory Observations: None

TEST PIT EXCAVATION LOG

Project No: 0234-001-100

Project: 642 Broadway

Client: Veteran Redevelopment LLC.

Site Location: 642 Broadway, Buffalo, NY

Test Pit I.D.: TP-8

Logged By: PWW

Checked By: BCH

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

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Lithologic Symbol	PID VOCs (ppm)	Lab Sample	Remarks
0.0	0.0	Ground Surface				
	0.0	***Lean Clay with Fill*** Reddish brown, moist, mostly medium plasticity fines, few fine sand, with brick, wood debris, concrete and cinders, medium dry strength, medium toughness		0.0		
	-2.5 2.5	***Lean Clay*** Reddish brown, moist, mostly medium plasticity fine, few fine sand, medium toughness, medium dry strength, varved		0.0		
5.0				0.0		
	-8.0 8.0	***End of Test Pit***		0.0		
10.0						
15.0						
20.0						

PID VOCs ppm scale: 0 25 50 75 100

Excavated By: Turnkey Environmental Restoration LLC ***Length: 11***
Excavator Type: Bobcat 430 Compact Excavator ***Width: 1.5***
Excavation Date(s): 6-23-11 ***Depth: 8***
Comments:

Depth to Water: NA
Visual Impacts: None
Olfactory Observations: None

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: 480-6572-1
Client Project/Site: Turnkey - 642 Broadway site

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

Attn: Mr. Michael Lesakowski

Authorized for release by:
07/08/2011 03:43:14 PM

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

Table of Contents

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Qualifiers

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.

Metals

Qualifier	Qualifier Description
F	MS or 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.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Job ID: 480-6572-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-6572-1

Comments
No additional comments.

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

GC/MS Semi VOA
Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix: TP-3 (0-2) (480-6572-4), TP-5 (2-4) (480-6572-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The Serial Dilution (480-6572-3 SD) in batch 480-21863, exhibited a result outside the quality control limits for total cadmium. However, the Post Digestion Spike was compliant so no corrective action was necessary

Method(s) 6010B: The Matrix Spike / Matrix Spike Duplicate (MS/MSD) recoveries associated with batch 480-21863 were outside control limits for total barium and lead: (480-6572-3 MS), (480-6572-3 MSD). Matrix interference is suspected. The Laboratory Control Sample (LCSSRM) was compliant, therefore, no corrective action was necessary.

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3550B: Due to the matrix, the following sample could not be concentrated to the final method required volume: TP-3 (0-2) (480-6572-4). The reporting limits (RLs) are elevated proportionately.

No other analytical or quality issues were noted.

Client Sample ID: TP-8 (.5-2.5) — Lab Sample ID: 480-6572-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	11	J	220	2.6	ug/Kg	1	☼	8270C	Total/NA
Anthracene	30	J	220	5.6	ug/Kg	1	☼	8270C	Total/NA
Benz(a)anthracene	64	J	220	3.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	62	J	220	5.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	71	J	220	4.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	36	J	220	2.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	37	J	220	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	58	J	220	2.2	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	14	J	220	2.6	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	150	J	220	3.2	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	36	J	220	6.1	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	100	J	220	4.6	ug/Kg	1	☼	8270C	Total/NA
Pyrene	95	J	220	1.4	ug/Kg	1	☼	8270C	Total/NA
Arsenic	7.4		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	176		0.61		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.26		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	15.2		0.61		mg/Kg	1	☼	6010B	Total/NA
Lead	13.2		1.2		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: TP-2 (2-4) — Lab Sample ID: 480-6572-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	29	J	220	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	40	J	220	1.8	ug/Kg	1	☼	8270C	Total/NA
Anthracene	130	J	220	5.5	ug/Kg	1	☼	8270C	Total/NA
Benz(a)anthracene	350		220	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	370		220	5.2	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	430		220	4.2	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	220		220	2.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	250		220	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	360		220	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	86	J	220	2.5	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	860		220	3.1	ug/Kg	1	☼	8270C	Total/NA
Fluorene	46	J	220	5.0	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	220		220	5.9	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	15	J	220	3.6	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	560		220	4.5	ug/Kg	1	☼	8270C	Total/NA
Pyrene	560		220	1.4	ug/Kg	1	☼	8270C	Total/NA
Arsenic	11.7		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	154		0.64		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.65		0.25		mg/Kg	1	☼	6010B	Total/NA
Chromium	15.1		0.64		mg/Kg	1	☼	6010B	Total/NA
Lead	332		1.3		mg/Kg	1	☼	6010B	Total/NA
Hg	0.27		0.023		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-5 (2-4) — Lab Sample ID: 480-6572-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	450	J	4200	50	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	310	J	4200	34	ug/Kg	20	☼	8270C	Total/NA
Anthracene	1200	J	4200	110	ug/Kg	20	☼	8270C	Total/NA
Benz(a)anthracene	3500	J	4200	73	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	3800	J	4200	100	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	4600		4200	82	ug/Kg	20	☼	8270C	Total/NA

Client Sample ID: TP-5 (2-4) (Continued) — Lab Sample ID: 480-6572-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(g,h,i)perylene	2200	J	4200	51	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	2500	J	4200	46	ug/Kg	20	☼	8270C	Total/NA
Chrysene	3800	J	4200	42	ug/Kg	20	☼	8270C	Total/NA
Dibenz(a,h)anthracene	770	J	4200	50	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	9700		4200	61	ug/Kg	20	☼	8270C	Total/NA
Fluorene	540	J	4200	97	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	2300	J	4200	120	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	7600		4200	88	ug/Kg	20	☼	8270C	Total/NA
Pyrene	6400		4200	27	ug/Kg	20	☼	8270C	Total/NA
Arsenic	3.8		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	128		0.60		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.1		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	8.4		0.60		mg/Kg	1	☼	6010B	Total/NA
Lead	154		1.2		mg/Kg	1	☼	6010B	Total/NA
Hg	0.091		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-3 (0-2) — Lab Sample ID: 480-6572-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benz(a)anthracene	940	J	11000	190	ug/Kg	5	☼	8270C	Total/NA
Benzo(a)pyrene	1100	J	11000	270	ug/Kg	5	☼	8270C	Total/NA
Benzo(b)fluoranthene	1300	J	11000	210	ug/Kg	5	☼	8270C	Total/NA
Benzo(g,h,i)perylene	890	J	11000	130	ug/Kg	5	☼	8270C	Total/NA
Benzo(k)fluoranthene	730	J	11000	120	ug/Kg	5	☼	8270C	Total/NA
Chrysene	860	J	11000	110	ug/Kg	5	☼	8270C	Total/NA
Fluoranthene	1500	J	11000	160	ug/Kg	5	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	810	J	11000	310	ug/Kg	5	☼	8270C	Total/NA
Phenanthrene	710	J	11000	230	ug/Kg	5	☼	8270C	Total/NA
Pyrene	1100	J	11000	72	ug/Kg	5	☼	8270C	Total/NA
Arsenic	6.1		2.6		mg/Kg	1	☼	6010B	Total/NA
Barium	141		0.66		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.81		0.26		mg/Kg	1	☼	6010B	Total/NA
Chromium	17.0		0.66		mg/Kg	1	☼	6010B	Total/NA
Lead	212		1.3		mg/Kg	1	☼	6010B	Total/NA
Hg	0.31		0.026		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-6 (.5-2.5) — Lab Sample ID: 480-6572-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benz(a)anthracene	18	J	220	3.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	19	J	220	5.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	26	J	220	4.2	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	11	J	220	2.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	13	J	220	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	22	J	220	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	36	J	220	3.2	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	13	J	220	6.0	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	17	J	220	4.6	ug/Kg	1	☼	8270C	Total/NA
Pyrene	25	J	220	1.4	ug/Kg	1	☼	8270C	Total/NA
Arsenic	4.9		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	105		0.61		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.33		0.25		mg/Kg	1	☼	6010B	Total/NA
Chromium	15.4		0.61		mg/Kg	1	☼	6010B	Total/NA
Lead	39.4		1.2		mg/Kg	1	☼	6010B	Total/NA

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-6 (.5-2.5) (Continued) **Lab Sample ID: 480-6572-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hg	0.027		0.026		mg/Kg	1	☼	7471A	Total/NA

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-8 (.5-2.5)
Date Collected: 06/23/11 16:00
Date Received: 06/24/11 10:20

Lab Sample ID: 480-6572-1
Matrix: Solid
Percent Solids: 75.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	11	J	220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Acenaphthylene	ND		220	1.8	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Anthracene	30	J	220	5.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Benz(a)anthracene	64	J	220	3.8	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Benzo(a)pyrene	62	J	220	5.3	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Benzo(b)fluoranthene	71	J	220	4.3	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Benzo(g,h,i)perylene	36	J	220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Benzo(k)fluoranthene	37	J	220	2.4	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Chrysene	58	J	220	2.2	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Dibenz(a,h)anthracene	14	J	220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Fluoranthene	150	J	220	3.2	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Fluorene	ND		220	5.0	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Indeno(1,2,3-c,d)pyrene	36	J	220	6.1	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Naphthalene	ND		220	3.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Phenanthrene	100	J	220	4.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1
Pyrene	95	J	220	1.4	ug/Kg	☼	06/29/11 09:27	07/05/11 21:01	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*34 - 132*	*06/29/11 09:27*	*07/05/11 21:01*	*1*
2-Fluorobiphenyl	*82*		*37 - 120*	*06/29/11 09:27*	*07/05/11 21:01*	*1*
p-Terphenyl-d14	*82*		*58 - 147*	*06/29/11 09:27*	*07/05/11 21:01*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		2.4		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1
Barium	176		0.61		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1
Cadmium	0.26		0.24		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1
Chromium	15.2		0.61		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1
Lead	13.2		1.2		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1
Selenium	ND		4.9		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1
Silver	ND		0.61		mg/Kg	☼	06/28/11 17:05	06/29/11 17:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.025		mg/Kg	☼	06/28/11 11:30	06/28/11 13:23	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-2 (2-4)
Date Collected: 06/23/11 13:00
Date Received: 06/24/11 10:20

Lab Sample ID: 480-6572-2
Matrix: Solid
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	29	J	220	2.5	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Acenaphthylene	40	J	220	1.8	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Anthracene	130	J	220	5.5	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Benz(a)anthracene	350		220	3.7	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Benzo(a)pyrene	370		220	5.2	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Benzo(b)fluoranthene	430		220	4.2	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Benzo(g,h,i)perylene	220		220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Benzo(k)fluoranthene	250		220	2.4	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Chrysene	360		220	2.1	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Dibenz(a,h)anthracene	86	J	220	2.5	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Fluoranthene	860		220	3.1	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Fluorene	46	J	220	5.0	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Indeno(1,2,3-c,d)pyrene	220		220	5.9	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Naphthalene	15	J	220	3.6	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Phenanthrene	560		220	4.5	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1
Pyrene	560		220	1.4	ug/Kg	☼	06/29/11 09:27	07/05/11 21:25	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*34 - 132*	*06/29/11 09:27*	*07/05/11 21:25*	*1*
2-Fluorobiphenyl	*81*		*37 - 120*	*06/29/11 09:27*	*07/05/11 21:25*	*1*
p-Terphenyl-d14	*85*		*58 - 147*	*06/29/11 09:27*	*07/05/11 21:25*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.7		2.5		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1
Barium	154		0.64		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1
Cadmium	0.65		0.25		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1
Chromium	15.1		0.64		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1
Lead	332		1.3		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1
Selenium	ND		5.1		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1
Silver	ND		0.64		mg/Kg	☼	06/28/11 17:05	06/29/11 17:33	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.27		0.023		mg/Kg	☼	06/28/11 11:30	06/28/11 13:25	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-5 (2-4)
Date Collected: 06/23/11 12:00
Date Received: 06/24/11 10:20

Lab Sample ID: 480-6572-3
Matrix: Solid
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	450	J	4200	50	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Acenaphthylene	310	J	4200	34	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Anthracene	1200	J	4200	110	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Benz(a)anthracene	3500	J	4200	73	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Benzo(a)pyrene	3800	J	4200	100	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Benzo(b)fluoranthene	4600		4200	82	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Benzo(g,h,i)perylene	2200	J	4200	51	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Benzo(k)fluoranthene	2500	J	4200	46	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Chrysene	3800	J	4200	42	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Dibenz(a,h)anthracene	770	J	4200	50	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Fluoranthene	9700		4200	61	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Fluorene	540	J	4200	97	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Indeno(1,2,3-c,d)pyrene	2300	J	4200	120	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Naphthalene	ND		4200	70	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Phenanthrene	7600		4200	88	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20
Pyrene	6400		4200	27	ug/Kg	☼	06/29/11 09:27	07/05/11 21:48	20

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*34 - 132*	*06/29/11 09:27*	*07/05/11 21:48*	*20*
2-Fluorobiphenyl	*89*		*37 - 120*	*06/29/11 09:27*	*07/05/11 21:48*	*20*
p-Terphenyl-d14	*97*		*58 - 147*	*06/29/11 09:27*	*07/05/11 21:48*	*20*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.4		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1
Barium	128		0.60		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1
Cadmium	1.1		0.24		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1
Chromium	8.4		0.60		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1
Lead	154		1.2		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1
Selenium	ND		4.8		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1
Silver	ND		0.60		mg/Kg	☼	06/28/11 17:05	06/29/11 17:35	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.091		0.022		mg/Kg	☼	06/28/11 11:30	06/28/11 13:27	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-3 (0-2)
Date Collected: 06/23/11 14:00
Date Received: 06/24/11 10:20

Lab Sample ID: 480-6572-4
Matrix: Solid
Percent Solids: 75.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		11000	130	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Acenaphthylene	ND		11000	90	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Anthracene	ND		11000	280	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Benz(a)anthracene	**940**	**J**	11000	190	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Benzo(a)pyrene	**1100**	**J**	11000	270	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Benzo(b)fluoranthene	**1300**	**J**	11000	210	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Benzo(g,h,i)perylene	**890**	**J**	11000	130	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Benzo(k)fluoranthene	**730**	**J**	11000	120	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Chrysene	**860**	**J**	11000	110	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Dibenz(a,h)anthracene	ND		11000	130	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Fluoranthene	**1500**	**J**	11000	160	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Fluorene	ND		11000	250	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Indeno(1,2,3-c,d)pyrene	**810**	**J**	11000	310	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Naphthalene	ND		11000	180	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Phenanthrene	**710**	**J**	11000	230	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5
Pyrene	**1100**	**J**	11000	72	ug/Kg	☼	06/29/11 09:27	07/05/11 22:12	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90*		*34 - 132*	*06/29/11 09:27*	*07/05/11 22:12*	*5*
2-Fluorobiphenyl	*108*		*37 - 120*	*06/29/11 09:27*	*07/05/11 22:12*	*5*
p-Terphenyl-d14	*112*		*58 - 147*	*06/29/11 09:27*	*07/05/11 22:12*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.1**		2.6		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1
Barium	**141**		0.66		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1
Cadmium	**0.81**		0.26		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1
Chromium	**17.0**		0.66		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1
Lead	**212**		1.3		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1
Selenium	ND		5.2		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1
Silver	ND		0.66		mg/Kg	☼	06/28/11 17:05	06/29/11 17:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**0.31**		0.026		mg/Kg	☼	06/28/11 11:30	06/28/11 13:28	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-6 (.5-2.5)
Date Collected: 06/23/11 15:00
Date Received: 06/24/11 10:20

Lab Sample ID: 480-6572-5
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Acenaphthylene	ND		220	1.8	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Anthracene	ND		220	5.6	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Benz(a)anthracene	**18**	**J**	220	3.8	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Benzo(a)pyrene	**19**	**J**	220	5.3	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Benzo(b)fluoranthene	**26**	**J**	220	4.2	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Benzo(g,h,i)perylene	**11**	**J**	220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Benzo(k)fluoranthene	**13**	**J**	220	2.4	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Chrysene	**22**	**J**	220	2.2	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Dibenz(a,h)anthracene	ND		220	2.6	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Fluoranthene	**36**	**J**	220	3.2	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Fluorene	ND		220	5.0	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Indeno(1,2,3-c,d)pyrene	**13**	**J**	220	6.0	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Naphthalene	ND		220	3.6	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Phenanthrene	**17**	**J**	220	4.6	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1
Pyrene	**25**	**J**	220	1.4	ug/Kg	☼	06/29/11 09:27	07/05/11 22:35	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*66*		*34 - 132*	*06/29/11 09:27*	*07/05/11 22:35*	*1*
2-Fluorobiphenyl	*73*		*37 - 120*	*06/29/11 09:27*	*07/05/11 22:35*	*1*
p-Terphenyl-d14	*75*		*58 - 147*	*06/29/11 09:27*	*07/05/11 22:35*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.9**		2.5		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1
Barium	**105**		0.61		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1
Cadmium	**0.33**		0.25		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1
Chromium	**15.4**		0.61		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1
Lead	**39.4**		1.2		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1
Selenium	ND		4.9		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1
Silver	ND		0.61		mg/Kg	☼	06/28/11 17:05	06/29/11 17:53	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**0.027**		0.026		mg/Kg	☼	06/28/11 11:30	06/28/11 13:30	1

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

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)	(58-147)
480-6572-1	TP-8 (.5-2.5)	75	82	82
480-6572-2	TP-2 (2-4)	70	81	85
480-6572-3	TP-5 (2-4)	70	89	97
480-6572-4	TP-3 (0-2)	90	108	112
480-6572-5	TP-6 (.5-2.5)	66	73	75
LCS 480-21951/2-A	Lab Control Sample	86	91	110
MB 480-21951/1-A	Method Blank	79	83	93

Surrogate Legend

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

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

Lab Sample ID: MB 480-21951/1-A
Matrix: Solid
Analysis Batch: 22459

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	1.9	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Acenaphthylene	ND		170	1.3	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Anthracene	ND		170	4.2	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Benz(a)anthracene	ND		170	2.8	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Benzo(a)pyrene	ND		170	4.0	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Benzo(b)fluoranthene	ND		170	3.2	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Benzo(k)fluoranthene	ND		170	1.8	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Chrysene	ND		170	1.6	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Dibenz(a,h)anthracene	ND		170	1.9	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Fluoranthene	ND		170	2.4	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Fluorene	ND		170	3.8	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Indeno(1,2,3-c,d)pyrene	ND		170	4.6	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Naphthalene	ND		170	2.7	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Phenanthrene	ND		170	3.5	ug/Kg		06/29/11 09:27	07/05/11 12:47	1
Pyrene	ND		170	1.1	ug/Kg		06/29/11 09:27	07/05/11 12:47	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*34 - 132*	*06/29/11 09:27*	*07/05/11 12:47*	*1*
2-Fluorobiphenyl	*83*		*37 - 120*	*06/29/11 09:27*	*07/05/11 12:47*	*1*
p-Terphenyl-d14	*93*		*58 - 147*	*06/29/11 09:27*	*07/05/11 12:47*	*1*

Lab Sample ID: LCS 480-21951/2-A
Matrix: Solid
Analysis Batch: 22459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	3300	3040		ug/Kg		92	53 - 120
Acenaphthylene	3300	2880		ug/Kg		87	58 - 121
Anthracene	3300	3080		ug/Kg		93	62 - 129
Benz(a)anthracene	3300	3300		ug/Kg		100	65 - 133
Benzo(a)pyrene	3300	3040		ug/Kg		92	64 - 127
Benzo(b)fluoranthene	3300	2940		ug/Kg		89	64 - 135
Benzo(g,h,i)perylene	3300	3300		ug/Kg		100	50 - 152
Benzo(k)fluoranthene	3300	3170		ug/Kg		96	58 - 138
Chrysene	3300	3210		ug/Kg		97	64 - 131
Dibenz(a,h)anthracene	3300	3140		ug/Kg		95	54 - 148
Fluoranthene	3300	3090		ug/Kg		94	62 - 131
Fluorene	3300	3050		ug/Kg		92	63 - 126
Indeno(1,2,3-c,d)pyrene	3300	3230		ug/Kg		98	56 - 149
Naphthalene	3300	2620		ug/Kg		80	46 - 120
Phenanthrene	3300	3050		ug/Kg		92	60 - 130
Pyrene	3300	3250		ug/Kg		99	51 - 133

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*86*		*34 - 132*
2-Fluorobiphenyl	*91*		*37 - 120*
p-Terphenyl-d14	*110*		*58 - 147*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-21863/1-A
Matrix: Solid
Analysis Batch: 22119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1		mg/Kg		06/28/11 17:05	06/29/11 17:12	1
Barium	ND		0.52		mg/Kg		06/28/11 17:05	06/29/11 17:12	1
Cadmium	ND		0.21		mg/Kg		06/28/11 17:05	06/29/11 17:12	1
Chromium	ND		0.52		mg/Kg		06/28/11 17:05	06/29/11 17:12	1
Lead	ND		1.0		mg/Kg		06/28/11 17:05	06/29/11 17:12	1
Selenium	ND		4.2		mg/Kg		06/28/11 17:05	06/29/11 17:12	1
Silver	ND		0.52		mg/Kg		06/28/11 17:05	06/29/11 17:12	1

Lab Sample ID: LCSSRM 480-21863/2-A
Matrix: Solid
Analysis Batch: 22119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21863

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	138	137.0		mg/Kg		99	70 - 130
Barium	269	259.5		mg/Kg		97	74 - 126
Cadmium	71.0	70.15		mg/Kg		99	73 - 127
Chromium	105	97.53		mg/Kg		93	69 - 130
Lead	144	145.5		mg/Kg		101	73 - 126
Selenium	200	200.1		mg/Kg		100	69 - 132
Silver	45.1	42.48		mg/Kg		94	66 - 134

Lab Sample ID: 480-6572-3 MS
Matrix: Solid
Analysis Batch: 22119

Client Sample ID: TP-5 (2-4)
Prep Type: Total/NA
Prep Batch: 21863

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	3.8		49.4	53.07		mg/Kg	☼	100	75 - 125
Barium	128		49.4	119.3	F	mg/Kg	☼	-18	75 - 125
Cadmium	1.1		49.4	47.07		mg/Kg	☼	93	75 - 125
Chromium	8.4		49.4	52.02		mg/Kg	☼	88	75 - 125
Lead	154		49.4	143.8	F	mg/Kg	☼	-20	75 - 125
Selenium	ND		49.4	47.38		mg/Kg	☼	96	75 - 125
Silver	ND		12.4	11.06		mg/Kg	☼	89	75 - 125

Lab Sample ID: 480-6572-3 MSD
Matrix: Solid
Analysis Batch: 22119

Client Sample ID: TP-5 (2-4)
Prep Type: Total/NA
Prep Batch: 21863

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Arsenic	3.8		49.7	49.46		mg/Kg	☼	92	75 - 125	7	20
Barium	128		49.7	126.5	F	mg/Kg	☼	-3	75 - 125	6	20
Cadmium	1.1		49.7	45.10		mg/Kg	☼	89	75 - 125	4	20
Chromium	8.4		49.7	53.04		mg/Kg	☼	90	75 - 125	2	20
Lead	154		49.7	142.8	F	mg/Kg	☼	-22	75 - 125	1	20
Selenium	ND		49.7	45.67		mg/Kg	☼	92	75 - 125	4	20
Silver	ND		12.4	10.70		mg/Kg	☼	86	75 - 125	3	20

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-21701/17-A
Matrix: Solid
Analysis Batch: 21854

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.018		mg/Kg		06/28/11 11:30	06/28/11 13:35	1

Lab Sample ID: LCSSRM 480-21701/16-A
Matrix: Solid
Analysis Batch: 21854

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21701

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits		
Hg			2.93	2.62		mg/Kg		89	51 - 149		

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

GC/MS Semi VOA

Prep Batch: 21951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-21951/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 480-21951/2-A	Lab Control Sample	Total/NA	Solid	3550B	
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	3550B	
480-6572-2	TP-2 (2-4)	Total/NA	Solid	3550B	
480-6572-3	TP-5 (2-4)	Total/NA	Solid	3550B	
480-6572-4	TP-3 (0-2)	Total/NA	Solid	3550B	
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	3550B	

Analysis Batch: 22459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-21951/1-A	Method Blank	Total/NA	Solid	8270C	21951
LCS 480-21951/2-A	Lab Control Sample	Total/NA	Solid	8270C	21951
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	8270C	21951
480-6572-2	TP-2 (2-4)	Total/NA	Solid	8270C	21951
480-6572-3	TP-5 (2-4)	Total/NA	Solid	8270C	21951
480-6572-4	TP-3 (0-2)	Total/NA	Solid	8270C	21951
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	8270C	21951

Metals

Prep Batch: 21701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	7471A	
480-6572-2	TP-2 (2-4)	Total/NA	Solid	7471A	
480-6572-3	TP-5 (2-4)	Total/NA	Solid	7471A	
480-6572-4	TP-3 (0-2)	Total/NA	Solid	7471A	
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	7471A	
LCSSRM 480-21701/16-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-21701/17-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 21854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	7471A	21701
480-6572-2	TP-2 (2-4)	Total/NA	Solid	7471A	21701
480-6572-3	TP-5 (2-4)	Total/NA	Solid	7471A	21701
480-6572-4	TP-3 (0-2)	Total/NA	Solid	7471A	21701
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	7471A	21701
LCSSRM 480-21701/16-A	Lab Control Sample	Total/NA	Solid	7471A	21701
MB 480-21701/17-A	Method Blank	Total/NA	Solid	7471A	21701

Prep Batch: 21863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-21863/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-21863/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	3050B	
480-6572-2	TP-2 (2-4)	Total/NA	Solid	3050B	
480-6572-3	TP-5 (2-4)	Total/NA	Solid	3050B	
480-6572-3 MS	TP-5 (2-4)	Total/NA	Solid	3050B	
480-6572-3 MSD	TP-5 (2-4)	Total/NA	Solid	3050B	
480-6572-4	TP-3 (0-2)	Total/NA	Solid	3050B	
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	3050B	

Metals (Continued)

Analysis Batch: 22119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-21863/1-A	Method Blank	Total/NA	Solid	6010B	21863
LCSSRM 480-21863/2-A	Lab Control Sample	Total/NA	Solid	6010B	21863
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	6010B	21863
480-6572-2	TP-2 (2-4)	Total/NA	Solid	6010B	21863
480-6572-3	TP-5 (2-4)	Total/NA	Solid	6010B	21863
480-6572-3 MS	TP-5 (2-4)	Total/NA	Solid	6010B	21863
480-6572-3 MSD	TP-5 (2-4)	Total/NA	Solid	6010B	21863
480-6572-4	TP-3 (0-2)	Total/NA	Solid	6010B	21863
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	6010B	21863

General Chemistry

Analysis Batch: 21864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-6572-1	TP-8 (.5-2.5)	Total/NA	Solid	Moisture	
480-6572-2	TP-2 (2-4)	Total/NA	Solid	Moisture	
480-6572-3	TP-5 (2-4)	Total/NA	Solid	Moisture	
480-6572-4	TP-3 (0-2)	Total/NA	Solid	Moisture	
480-6572-5	TP-6 (.5-2.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-8 (.5-2.5)

Lab Sample ID: 480-6572-1

Date Collected: 06/23/11 16:00
Matrix: Solid
Date Received: 06/24/11 10:20
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			21951	06/29/11 09:27	TR	TAL BUF
Total/NA	Analysis	8270C		1	22459	07/05/11 21:01	RMM	TAL BUF
Total/NA	Prep	7471A			21701	06/28/11 11:30	MM	TAL BUF
Total/NA	Analysis	7471A		1	21854	06/28/11 13:23	MM	TAL BUF
Total/NA	Prep	3050B			21863	06/28/11 17:05	MM	TAL BUF
Total/NA	Analysis	6010B		1	22119	06/29/11 17:30	LH	TAL BUF
Total/NA	Analysis	Moisture		1	21864	06/28/11 16:27	AS	TAL BUF

Client Sample ID: TP-2 (2-4)

Lab Sample ID: 480-6572-2

Date Collected: 06/23/11 13:00
Matrix: Solid
Date Received: 06/24/11 10:20
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			21951	06/29/11 09:27	TR	TAL BUF
Total/NA	Analysis	8270C		1	22459	07/05/11 21:25	RMM	TAL BUF
Total/NA	Prep	7471A			21701	06/28/11 11:30	MM	TAL BUF
Total/NA	Analysis	7471A		1	21854	06/28/11 13:25	MM	TAL BUF
Total/NA	Prep	3050B			21863	06/28/11 17:05	MM	TAL BUF
Total/NA	Analysis	6010B		1	22119	06/29/11 17:33	LH	TAL BUF
Total/NA	Analysis	Moisture		1	21864	06/28/11 16:27	AS	TAL BUF

Client Sample ID: TP-5 (2-4)

Lab Sample ID: 480-6572-3

Date Collected: 06/23/11 12:00
Matrix: Solid
Date Received: 06/24/11 10:20
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			21951	06/29/11 09:27	TR	TAL BUF
Total/NA	Analysis	8270C		20	22459	07/05/11 21:48	RMM	TAL BUF
Total/NA	Prep	7471A			21701	06/28/11 11:30	MM	TAL BUF
Total/NA	Analysis	7471A		1	21854	06/28/11 13:27	MM	TAL BUF
Total/NA	Prep	3050B			21863	06/28/11 17:05	MM	TAL BUF
Total/NA	Analysis	6010B		1	22119	06/29/11 17:35	LH	TAL BUF
Total/NA	Analysis	Moisture		1	21864	06/28/11 16:27	AS	TAL BUF

Client Sample ID: TP-3 (0-2)

Lab Sample ID: 480-6572-4

Date Collected: 06/23/11 14:00
Matrix: Solid
Date Received: 06/24/11 10:20
Percent Solids: 75.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			21951	06/29/11 09:27	TR	TAL BUF
Total/NA	Analysis	8270C		5	22459	07/05/11 22:12	RMM	TAL BUF
Total/NA	Prep	7471A			21701	06/28/11 11:30	MM	TAL BUF
Total/NA	Analysis	7471A		1	21854	06/28/11 13:28	MM	TAL BUF
Total/NA	Prep	3050B			21863	06/28/11 17:05	MM	TAL BUF
Total/NA	Analysis	6010B		1	22119	06/29/11 17:51	LH	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Client Sample ID: TP-3 (0-2)

Lab Sample ID: 480-6572-4

Date Collected: 06/23/11 14:00

Matrix: Solid

Date Received: 06/24/11 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	21864	06/28/11 16:27	AS	TAL BUF

Client Sample ID: TP-6 (.5-2.5)

Lab Sample ID: 480-6572-5

Date Collected: 06/23/11 15:00

Matrix: Solid

Date Received: 06/24/11 10:20

Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			21951	06/29/11 09:27	TR	TAL BUF
Total/NA	Analysis	8270C		1	22459	07/05/11 22:35	RMM	TAL BUF
Total/NA	Prep	7471A			21701	06/28/11 11:30	MM	TAL BUF
Total/NA	Analysis	7471A		1	21854	06/28/11 13:30	MM	TAL BUF
Total/NA	Prep	3050B			21863	06/28/11 17:05	MM	TAL BUF
Total/NA	Analysis	6010B		1	22119	06/29/11 17:53	LH	TAL BUF
Total/NA	Analysis	Moisture		1	21864	06/28/11 16:27	AS	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 - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	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	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
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	68-00281
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
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	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	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 - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	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 - 642 Broadway site

TestAmerica Job ID: 480-6572-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-6572-1	TP-8 (.5-2.5)	Solid	06/23/11 16:00	06/24/11 10:20
480-6572-2	TP-2 (2-4)	Solid	06/23/11 13:00	06/24/11 10:20
480-6572-3	TP-5 (2-4)	Solid	06/23/11 12:00	06/24/11 10:20
480-6572-4	TP-3 (0-2)	Solid	06/23/11 14:00	06/24/11 10:20
480-6572-5	TP-6 (.5-2.5)	Solid	06/23/11 15:00	06/24/11 10:20

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Turnkey	Project Manager: Mike Lesakowski	Date: 6-23-11	Chain of Custody Number: 197098
Address: 2558 Hamburg Turnpike Suite 300	Telephone Number (Area Code)/Fax Number: (716) 856-0599 (716) 856-0583	Lab Number:	Page 1 of 1
City: Buffalo / State: NY / Zip Code: 14218	Site Contact: Paul Werthmann	Lab Contact: B Fischer	Analysis (Attach list if more space is needed)
Project Name and Location (State): 624 Broadway	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 0234-001-100			

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	PAH 8270	RCRA Metals	Special Instructions/ Conditions of Receipt
TP-8 (.5-2.5')	6-23-11	1600				X	2						X	X	
TP-2 (2'-4')	"	1300				X	2						X	X	
TP-5 (2'-4')	"	1200				X	2						X	X	
TP-3 (0-2')	"	1400				X	2						X	X	
TP-6 (.5-2.5)	"	1500				X	2						X	X	

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 _____

QC Requirements (Specify)

1. Relinquished By: Paul W Werthmann	Date: 06/24/11	Time: 1020	1. Received By:	Date: 06/24/11	Time: 1020
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

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

4.6

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-6572-1

Login Number: 6572
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

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	TURNKEY
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	