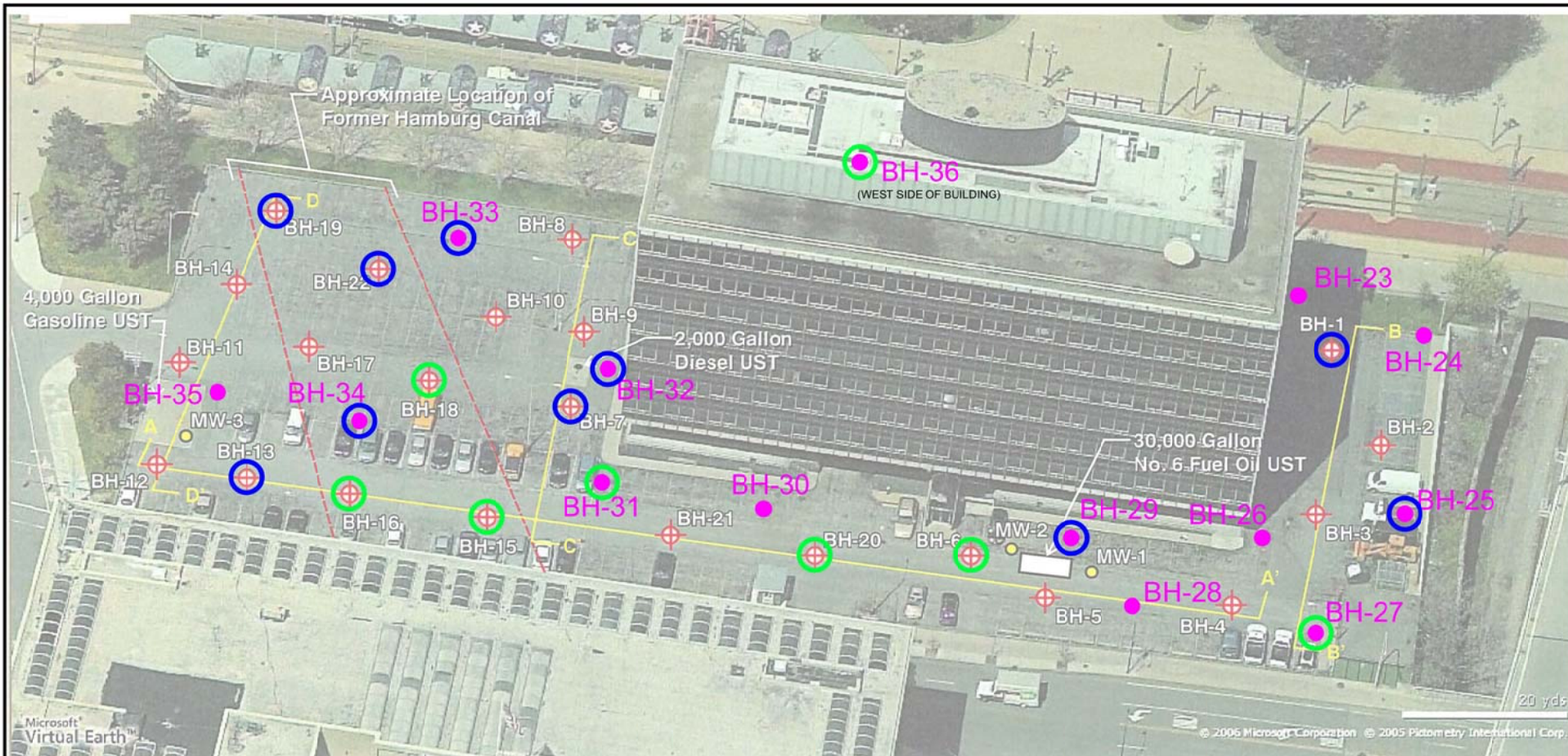




- Approximate Soil Boring Location
- Existing Monitoring Well
- Extent of Cross Section
- BH-28 PROPOSED BORING LOCATION
- EXCEEDS NYSDEC UNRESTRICTED SCOs
- EXCEEDS NYSDEC COMMERCIAL SCOs



0 30 60
APPROXIMATE SCALE IN FEET



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

PROJECT NO.: 0105-047-100

DATE: NOVEMBER 2011

DRAFTED BY: JCT

SITE PLAN SHOWING PLANNED SOIL BORINGS WITH EXCEEDANCES OF SCOs

FORMER DONOVAN BUILDING SITE

125 MAIN STREET

BUFFALO, NEW YORK

PREPARED FOR

BENDERSON DEVELOPMENT COMPANY

FIGURE 1

TABLE 1
SOIL ANALYTICAL DATA SUMMARY
2007
Former Donovan Building
125 Main Street Site
Buffalo, New York
Benderson Development Corporation

PARAMETER	BW01 (3.18-5.6)	BW02 (5.6-9.2)	BW03 (9.2-17.9)	BW04 (17.9-37.7)	BW05 (37.7-74.4)	BW06 (74.4-148.8)	BW07 (148.8-297.6)	BW08 (297.6-595.2)	BW09 (595.2-1190.4)	BW10 (1190.4-2380.8)	BW11 (2380.8-4761.6)	BW12 (4761.6-9523.2)	BW13 (9523.2-19046.4)	BW14 (19046.4-38092.8)	BW15 (38092.8-76185.6)	BW16 (76185.6-152371.2)	BW17 (152371.2-304742.4)	BW18 (304742.4-609484.8)	BW19 (609484.8-1218969.6)	BW20 (1218969.6-2437939.2)	BW21 (2437939.2-4875878.4)	BW22 (4875878.4-9751756.8)	BW23 (9751756.8-19503513.6)	Unassigned (ppm)	Restricted - Concentrations (ppm)										
VOCs (mg/kg)																																			
Acetone	ND	NA	ND	NA	ND	NA	0.025	NA	NA	0.02	NA	NA	ND	0.067	ND	NA	ND	ND	NA	ND	ND	NA	ND	NA	0.06	500									
Benzene	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	0.05	44									
Dichlorobenzene	NA	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	0.05	390									
Methylcyclohexane	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	--	--									
Methylene Chloride	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	0.05	500									
Toluene	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	0.7	500									
Xylenes Total	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	0.26	500									
Total VOCs	0.09	0.09	0.09	0.09	0.09	0.09	0.02	0.09	0.09	0.09	0.07	0.09	0.09	0.09	0.09	0.02	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09									
SVMCs (mg/kg)																																			
Acenaphthylene	NA	ND	NA	ND	NA	ND	NA	16	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.67	NA	NA	ND	NA	NA	1.5	NA	20	500							
Acenaphthene	NA	ND	NA	ND	NA	ND	NA	44	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.53	NA	NA	ND	NA	NA	NA	NA	500	500							
Anthracene	NA	ND	NA	ND	NA	ND	NA	44	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	1.5	NA	NA	ND	NA	NA	2.8	NA	100	500							
Benzo (a) anthracene	ND	ND	NA	ND	NA	ND	NA	23	21	ND	NA	ND	NA	2.2	NA	ND	NA	0.93	NA	0.38	NA	0.93	NA	NA	1	5.8	--	--							
Benzo (b) fluoranthene	ND	ND	NA	ND	NA	ND	NA	19	NA	ND	NA	ND	NA	56	NA	ND	NA	0.83	NA	0.53	NA	3	NA	NA	1.8	NA	1	5.8							
Benzo (k) fluoranthene	ND	ND	NA	ND	NA	ND	NA	13	NA	ND	NA	ND	NA	43	NA	ND	NA	0.73	NA	0.42	NA	1.4	NA	NA	1.4	NA	0.8	56							
Benzo (g,h,i) perylene	ND	ND	NA	ND	NA	ND	NA	31	NA	ND	NA	ND	NA	27	NA	ND	NA	0.56	NA	0.36	NA	2.4	NA	NA	2.4	NA	1	5.8							
Benzo (ghi) perylene	ND	ND	NA	ND	NA	ND	NA	ND	NA	NA	ND	ND	NA	44	NA	ND	NA	0.49	NA	NA	NA	1.7	NA	NA	NA	0.97	NA	100	500						
Bi(2-Ethylhexyl) phthalate	NA	0.89	NA	ND	NA	0.34	ND	NA	ND	NA	0.34	ND	NA	1.2	NA	ND	NA	0.73	NA	NA	0.42	NA	1.4	NA	NA	0.47	NA	--	--						
Cadinene	ND	ND	NA	ND	NA	ND	NA	14	NA	ND	NA	ND	NA	1.66	NA	ND	NA	0.66	NA	0.42	NA	1.6	NA	NA	1.6	NA	7	50							
Chrysene	NA	ND	NA	ND	NA	ND	NA	21	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.59	NA	NA	ND	NA	NA	2.9	NA	1	56							
Dibenz (a,h) anthracene	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	6.53	NA	ND	NA	NA	0.33	0.56							
Dibenzofuran	ND	ND	NA	ND	NA	ND	NA	18	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.61	NA	NA	ND	NA	NA	NA	NA	7	50							
Fluorene	NA	ND	NA	ND	NA	ND	NA	55	NA	ND	0.63	NA	0.55	NA	180	NA	ND	NA	1.2	NA	5.9	NA	ND	NA	5.6	NA	100	500							
Fluorene	NA	ND	NA	ND	NA	ND	NA	23	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.87	NA	NA	ND	NA	NA	1.6	NA	30	500							
Indeno (1,2,3-cd) pyrene	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0.61	NA	NA	ND	NA	NA	NA	NA	NA	7	50							
2-Methylanthracene	NA	ND	NA	ND	NA	ND	NA	17	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.47	NA	NA	ND	NA	NA	1.4	NA	0.5	5.8							
2-Methylanthracene	NA	ND	NA	ND	NA	ND	NA	17	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	0.39	NA	NA	ND	NA	NA	0.59	3	NA	--	--						
4-Methylphenol	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0.87	NA	NA	ND	NA	NA	NA	NA	NA	NA	--	--						
Naphthalene	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	1.1	NA	NA	ND	NA	NA	0.89	3	NA	12	500							
Phenanthrene	NA	ND	NA	ND	NA	ND	NA	56	NA	ND	0.58	NA	0.69	NA	4	NA	ND	NA	0.8	NA	NA	ND	NA	NA	0.33	NA	100	500							
Phenol	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	0.33	500	500								
Pyrene	NA	ND	NA	ND	NA	ND	NA	49	NA	ND	0.46	NA	0.45	NA	130	NA	ND	NA	2.6	NA	NA	ND	NA	NA	5.7	NA	100	500							
Total SVMCs	0.09	0.09	0.09	0.09	0.09	0.09	0.04	0.09	0.09	0.09	0.04	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09								
TAL Metals (mg/L)																																			
Aluminum	NA	25.0	NA	36.0	NA	25.0	NA	34.0	NA	32.0	14.0	NA	31.0	NA	46.0	NA	69.0	NA	41.0	NA	39.0	NA	82.0	NA	23.0	NA	--	--							
Arsenic	NA	1.61	NA	0.29	NA	0.29	NA	0.28	NA	0.29	0.29	NA	0.80	NA	0.29	NA	0.80	NA	0.29	NA	0.29	NA	0.29	NA	0.29	NA	4	13							
Barium	NA	75.2	NA	41.5	NA	36.2	NA	19.8	NA	11.2	28.9	NA	25.4	NA	13.1	NA	45.8	NA	48.4	NA	36.2	NA	33.3	NA	75.4	NA	31.9	NA	750	400					
Beryllium	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0.27	NA	NA	ND	NA	NA	ND	NA	0.34	NA	ND	NA	NA	500	500			
Cadmium	NA	0.49	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0.47	NA	1.03	NA	0.34	NA	ND	NA	0.34	NA	500	500				
Chromium	NA	277.00	NA	20.90	NA	17.00	NA	14.60	NA	13.00	33.00	NA	8.9000	NA	10.90	NA	16.0000	NA	16.00	NA	80.4000	NA	98.0000	NA	79.0000	NA	107.000	NA	1.8	8.3					
Chromium	NA	5.32	NA	3.99	NA	2.9	NA	4.29	NA	3.97	2.22	NA	5.96	NA	5.59	NA	10.3	NA	9.57	NA	5.93	NA	9.91	NA	10.5	NA	16.1	NA	1.57	NA	30	1600			
Cobalt	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	0.48	NA	3.88	NA	2.66	NA	NA	NA	NA	NA	NA	NA	500	500		
Copper	NA	339	NA	11.1	NA	10.9	NA	11.37	NA	14.9	14.9	NA	14.9	NA	14.9	NA	15.3	NA	15.3	NA	15.3	NA	15.3	NA	15.3	NA	15.3	NA	27	270	270				
Iron	NA	839.0	NA	66.00	NA	34.00	NA	36.00	NA	37.00	47.00	NA	37.00	NA	37.10	NA	73.00	NA	71.00	NA	167.00	NA	118.00	NA	186.00	NA	272.00	NA	NA	376.00	NA	--	--		
Lead	NA	27.0	NA	4.76	NA	5.04	NA	3.99	NA	3.21	2.49	NA	5.05	NA	5.19	NA	11.0	NA	11.5	NA	23.0	NA	22.9	NA	32.5	NA	13.5	NA	48.5	NA	63	1000			
Magnesium	NA	23.60	NA	1.14	NA	0.90	NA	7.90	NA	7.90	7.90	NA	6.90	NA	6.90	NA	14.90	NA	14.90	NA	7.90	NA	7.90	NA	2.90	NA	2.90	NA	2.90	NA	2.90	500	500		
Manganese	NA	11.8	NA	11.4	NA	69.8	NA	33.8	NA	31.9	11.4	NA	14.2	NA	38.8	NA	NA	NA	NA	162	NA	126	NA	152	NA	53.4	NA	221	NA	1800	10000	10000			
Mercury	NA	1.88	NA	0.137	NA	0.051	NA	0.06	NA	0.071	0.656	NA	0.04	NA	0.058	NA	0.054	NA	0.046	NA	0.009	NA	0.079	NA	0.024	NA	0.25	NA	9.5	NA	0.18	2.8			
Nickel	NA	14.7	NA	1.75	NA	1.75	NA	1.75	NA	1.75	1.75	NA	1.75	NA	1.75	NA	1.75	NA	1.75	NA	1.75	NA	1.75	NA	1.75	NA	1.75	NA	38	380	380				
Potassium	NA	951	NA	626	NA	384	NA	382	NA	300	452	NA	1230	NA	524	NA	964	NA	924	NA	694	NA	982	NA	709	NA	1300	NA	2030	NA	257	NA	1000	500	
Selenium	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9	1500		
Silver	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	500	
Sodium	NA	478	NA	189	NA	373	NA	463	NA	512	647	NA	714	NA	284	NA	1220	NA	578	NA	483	NA	274	NA	1080	NA	1220	NA	271	NA	232	NA	1500	500	
Thallium	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	500	
Zinc	NA	2.8	NA	0.479	NA	0.479	NA	0.479	NA	0.479	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	NA	0.479	500	500
Zinc	NA	480	NA	37.7	NA	25.7	NA	23.2	NA	32.1	35.5	NA	20	NA	48.7	NA	31.6	NA	50.1	NA	62.1	NA	62.4	NA	381	NA	382	NA	53.1	NA	42.9	NA	109	10000	
TCMP Metals (mg/L)																																			
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							

Notes:

- 1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were recorded as non-detect.
- 2. Values are NYSDOC Part 275 Soil Cleanup Objectives (December 2006).

Definitions:

- = No SCD has been established for subject parameter.
- ND = Parameter not detected above laboratory detection limit.
- NA = Not analyzed for that parameter.
- ± = Estimated value, result is less than the sample quantitation limit but greater than zero.
- ± = Analyte was detected in the associated blank as well as in the sample. Value above the action level for consideration as being external contamination.

ROGL	ROGL
±	Analytical result exceeds Unrestricted SCD.
ND	Analytical result exceeds Restricted-Commercial SCD.

TABLE 2

SOIL ANALYTICAL DATA SUMMARY
2011

Former Donovan Building
125 Main Street Site
Buffalo, New York
Benderson Development Corporation

PARAMETER ¹	Sample Location										Unrestricted (ppm) ²	Restricted - Commercial (ppm) ²
	BH 25 (0-5.0)	BH 27 (4.0-8.0)	BH 29 (4.0-8.0)	BH 31 (0-4.0)	BH 32 (4.0-8.0)	BH 33 (6.0-10.0)	BH 34 (4.0-8.0)	BH 36 (0-8.0)	Waste Characterization #1	Waste Characterization #2		
VOCs (mg/kg)												
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05	500
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.06	44
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	390
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05	500
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.7	500
Xylene, Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.26	500
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SVOCs (mg/Kg)												
Acenaphthene	ND	0.0072 J	ND	0.05 J	2	0.29 J	0.041 J	ND	NA	NA	20	500
Acenaphthylene	ND	0.013 J	ND	ND	0.23 J	0.079 J	ND	ND	NA	NA	100	500
Anthracene	ND	0.033 J	ND	0.11 J	5	0.68 J	0.24 J	ND	NA	NA	100	500
Benzo (a) anthracene	0.084 J	0.2	ND	0.45 J	11	1.7 J	1 J	0.014 J	NA	NA	1	5.6
Benzo (b) fluoranthene	0.079 J	0.24	ND	0.47 J	10	1.6 J	1.1 J	ND	NA	NA	1	5.6
Benzo (k) fluoranthene	0.063 J	0.11	ND	0.24 J	6	0.76 J	0.54 J	ND	NA	NA	0.8	56
Benzo (a) pyrene	0.058 J	0.21	ND	0.41 J	9.2	1.4 J	0.96 J	0.011 J	NA	NA	1	1
Benzo (g,h,i) perylene	ND	0.16 J	ND	0.26 J	7.1	0.96 J	0.7 J	ND	NA	NA	100	500
Bis(2 - ethylhexyl) phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Chrysene	0.083 J	0.19	ND	0.46 J	9.4	1.5 J	0.95 J	0.015 J	NA	NA	1	56
Dibenzo (a,h) anthracene	ND	0.047 J	ND	0.085 J	1.5 J	0.29 J	0.22 J	ND	NA	NA	0.33	0.56
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	7	350
Fluoranthene	0.17 J	0.33	ND	0.77 J	23	3.4	1.9 J	0.023 J	NA	NA	100	500
Fluorene	ND	0.01 J	ND	0.034 J	2.4	0.29 J	ND	ND	NA	NA	30	500
Indeno (1,2,3 - cd) pyrene	ND	0.12 J	ND	0.21 J	5.7	0.76 J	0.54 J	ND	NA	NA	0.5	5.6
2 - Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Naphthalene	ND	ND	ND	ND	2	ND	ND	ND	NA	NA	12	500
Phenanthrene	0.084 J	0.19	ND	0.53 J	19	3.1	1 J	0.0078 J	NA	NA	100	500
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	0.33	500
Pyrene	0.13 J	0.3	ND	0.7 J	19	3	1.7 J	0.023 J	NA	NA	100	500
Total SVOCs	0.38	0.95	0.00	2.24	71.10	10.55	5.14	0.09	0.00	0.00		
TAL Metals (mg/Kg)												
Aluminum	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Arsenic	ND	3.8	ND	9.2	8.9	5	17.8	4.9	NA	NA	13	16
Barium	405	86.2	410	34.1	651	92.7	556	106	NA	NA	350	400
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	7.2	590
Cadmium	ND	ND	ND	0.98	0.4	0.4	0.48	0.38	NA	NA	2.5	9.3
Calcium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Chromium	8.6	8.1	14.2	15.5	13.9	10.8	10.4	40.7	NA	NA	30	1500
Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Copper	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	50	270
Iron	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Lead	3.3	214	2.8	145	743	659	538	25.8	NA	NA	63	1000
Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Manganese	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	1600	10000
Mercury	ND	0.16	ND	1.7	0.14	0.29	0.15	0.025	NA	NA	0.18	2.8
Nickel	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	30	310
Potassium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Sodium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--
Zinc	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	109	10000
TCCLP Metals (mg/L)												
Barium	NA	NA	NA	NA	NA	NA	NA	NA	0.34 B	0.42 B	--	--
Lead	NA	NA	NA	NA	NA	NA	NA	NA	0.012		--	--

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-detected.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (December 2006).

Definitions:

- = No SCO has been established for subject parameter.
- ND = Parameter not detected above laboratory detection limit.
- NA= Not analyzed for that parameter.
- J = Estimated value; result is less than the sample quantitation limit but greater than zero.
- B = Analyte was detected in the associated blank as well as in the sample. Value is above the action level for consideration as being external contamination.

BOLD	Exceeds Part 375 Unrestricted SCOs.
BOLD	Exceeds Part 375 Commercial SCOs.

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-12953-1

Client Project/Site: Turnkey - Former Donovan Bldg

For:

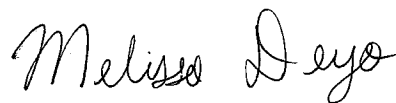
Turnkey Environmental Restoration, LLC

2558 Hamburg Turnpike

Suite 300

Lackawanna, New York 14218

Attn: Mr. Michael Lesakowski



Authorized for release by:

12/6/2011 12:07:44 PM

Melissa Deyo

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Project Manager II

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

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.
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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	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
%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
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)

Case Narrative

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Job ID: 480-12953-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-12953-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The following samples were diluted due to the nature of the TCLP sample matrix: WASTE CHARACTERIZATION#1 (480-12953-9), WASTE CHARACTERIZATION#2 (480-12953-10) and (LB 480-41414/1-A). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The following samples were diluted due to viscosity. BH 25 0-5 (480-12953-1), BH 31 0-4 (480-12953-4), BH 32 4-8 (480-12953-5), BH 33 6-10 (480-12953-6) and BH 34 4-8 (480-12953-7). Elevated reporting limits (RL) are provided.

Method 8270C: The following sample contained one base surrogate outside acceptance limits: WASTE CHARACTERIZATION#2 (480-12953-10). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270C: The relative percent difference (RPD) of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 480-41646 exceeded control limits for 2,4-Dinitrotoluene; however, the individual recoveries were compliant.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Method 6010B: Sample BH 29 4-8 (480-12953-3) had a negative instrument result that was lower than the absolute value of the reporting limit for the analyte Silver. Matrix interference was suspected. The sample was re-analyzed at a 5 times dilution and the result for Silver was still non-detect; therefore, the original result has been reported.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries in preparation batch 41471 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The analyte Barium was detected in the TCLP leachate blank at a concentration above the reporting limit in preparation batch 41514. Samples associated with the blank were evaluated and determined to be at least five times less than the TCLP Regulatory Limit. The sample data was accepted and no corrective action was performed.

Method 6010B: The leachate blank for preparation batch 41514 contained Chromium above the reporting limit (RL). None of the samples associated with this leachate blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 7471A: The following sample was diluted due to the abundance of target analyte Mercury: BH 31 0-4 (480-12953-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 25 0-5

Lab Sample ID: 480-12953-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benz(a)anthracene	84	J	960	16	ug/Kg	5	✱	8270C	Total/NA
Benzo(a)pyrene	58	J	960	23	ug/Kg	5	✱	8270C	Total/NA
Benzo(b)fluoranthene	79	J	960	18	ug/Kg	5	✱	8270C	Total/NA
Benzo(k)fluoranthene	63	J	960	10	ug/Kg	5	✱	8270C	Total/NA
Chrysene	83	J	960	9.5	ug/Kg	5	✱	8270C	Total/NA
Fluoranthene	170	J	960	14	ug/Kg	5	✱	8270C	Total/NA
Phenanthrene	84	J	960	20	ug/Kg	5	✱	8270C	Total/NA
Pyrene	130	J	960	6.2	ug/Kg	5	✱	8270C	Total/NA
Barium	405		0.57		mg/Kg	1	✱	6010B	Total/NA
Chromium	8.6		0.57		mg/Kg	1	✱	6010B	Total/NA
Lead	3.3		1.1		mg/Kg	1	✱	6010B	Total/NA

Client Sample ID: BH 27 4-8

Lab Sample ID: 480-12953-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	7.2	J	190	2.2	ug/Kg	1	✱	8270C	Total/NA
Acenaphthylene	13	J	190	1.5	ug/Kg	1	✱	8270C	Total/NA
Anthracene	33	J	190	4.8	ug/Kg	1	✱	8270C	Total/NA
Benz(a)anthracene	200		190	3.3	ug/Kg	1	✱	8270C	Total/NA
Benzo(a)pyrene	210		190	4.6	ug/Kg	1	✱	8270C	Total/NA
Benzo(b)fluoranthene	240		190	3.7	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	110	J	190	2.1	ug/Kg	1	✱	8270C	Total/NA
Chrysene	190		190	1.9	ug/Kg	1	✱	8270C	Total/NA
Dibenz(a,h)anthracene	47	J	190	2.2	ug/Kg	1	✱	8270C	Total/NA
Fluoranthene	330		190	2.7	ug/Kg	1	✱	8270C	Total/NA
Fluorene	10	J	190	4.4	ug/Kg	1	✱	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	120	J	190	5.2	ug/Kg	1	✱	8270C	Total/NA
Phenanthrene	190		190	4.0	ug/Kg	1	✱	8270C	Total/NA
Pyrene	300		190	1.2	ug/Kg	1	✱	8270C	Total/NA
Arsenic	3.8		2.3		mg/Kg	1	✱	6010B	Total/NA
Barium	86.2		0.57		mg/Kg	1	✱	6010B	Total/NA
Cadmium	0.38		0.23		mg/Kg	1	✱	6010B	Total/NA
Chromium	8.1		0.57		mg/Kg	1	✱	6010B	Total/NA
Lead	214		1.1		mg/Kg	1	✱	6010B	Total/NA
Mercury	0.16		0.024		mg/Kg	1	✱	7471A	Total/NA

Client Sample ID: BH 29 4-8

Lab Sample ID: 480-12953-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	410		0.58		mg/Kg	1	✱	6010B	Total/NA
Chromium	14.2		0.58		mg/Kg	1	✱	6010B	Total/NA
Lead	2.8		1.2		mg/Kg	1	✱	6010B	Total/NA

Client Sample ID: BH 31 0-4

Lab Sample ID: 480-12953-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	50	J	900	10	ug/Kg	5	✱	8270C	Total/NA
Anthracene	110	J	900	23	ug/Kg	5	✱	8270C	Total/NA
Benz(a)anthracene	450	J	900	15	ug/Kg	5	✱	8270C	Total/NA
Benzo(a)pyrene	410	J	900	22	ug/Kg	5	✱	8270C	Total/NA
Benzo(b)fluoranthene	470	J	900	17	ug/Kg	5	✱	8270C	Total/NA
Benzo(g,h,i)perylene	260	J	900	11	ug/Kg	5	✱	8270C	Total/NA
Benzo(k)fluoranthene	240	J	900	9.8	ug/Kg	5	✱	8270C	Total/NA

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 31 0-4 (Continued)

Lab Sample ID: 480-12953-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	460	J	900	8.9	ug/Kg	5	✱	8270C	Total/NA
Dibenz(a,h)anthracene	85	J	900	10	ug/Kg	5	✱	8270C	Total/NA
Fluoranthene	770	J	900	13	ug/Kg	5	✱	8270C	Total/NA
Fluorene	34	J	900	21	ug/Kg	5	✱	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	210	J	900	25	ug/Kg	5	✱	8270C	Total/NA
Phenanthrene	530	J	900	19	ug/Kg	5	✱	8270C	Total/NA
Pyrene	700	J	900	5.8	ug/Kg	5	✱	8270C	Total/NA
Arsenic	9.2		2.0		mg/Kg	1	✱	6010B	Total/NA
Barium	34.1		0.51		mg/Kg	1	✱	6010B	Total/NA
Cadmium	0.98		0.20		mg/Kg	1	✱	6010B	Total/NA
Chromium	15.5		0.51		mg/Kg	1	✱	6010B	Total/NA
Lead	145		1.0		mg/Kg	1	✱	6010B	Total/NA
Mercury	1.7		0.11		mg/Kg	5	✱	7471A	Total/NA

Client Sample ID: BH 32 4-8

Lab Sample ID: 480-12953-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	2000		2000	23	ug/Kg	10	✱	8270C	Total/NA
Acenaphthylene	230	J	2000	16	ug/Kg	10	✱	8270C	Total/NA
Anthracene	5000		2000	51	ug/Kg	10	✱	8270C	Total/NA
Benz(a)anthracene	11000		2000	34	ug/Kg	10	✱	8270C	Total/NA
Benzo(a)pyrene	9200		2000	48	ug/Kg	10	✱	8270C	Total/NA
Benzo(b)fluoranthene	10000		2000	38	ug/Kg	10	✱	8270C	Total/NA
Benzo(g,h,i)perylene	7100		2000	24	ug/Kg	10	✱	8270C	Total/NA
Benzo(k)fluoranthene	6000		2000	22	ug/Kg	10	✱	8270C	Total/NA
Chrysene	9400		2000	20	ug/Kg	10	✱	8270C	Total/NA
Dibenz(a,h)anthracene	1500	J	2000	23	ug/Kg	10	✱	8270C	Total/NA
Fluoranthene	23000		2000	29	ug/Kg	10	✱	8270C	Total/NA
Fluorene	2400		2000	46	ug/Kg	10	✱	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	5700		2000	55	ug/Kg	10	✱	8270C	Total/NA
Naphthalene	2000		2000	33	ug/Kg	10	✱	8270C	Total/NA
Phenanthrene	19000		2000	41	ug/Kg	10	✱	8270C	Total/NA
Pyrene	19000		2000	13	ug/Kg	10	✱	8270C	Total/NA
Arsenic	8.9		2.6		mg/Kg	1	✱	6010B	Total/NA
Barium	651		0.66		mg/Kg	1	✱	6010B	Total/NA
Cadmium	0.40		0.26		mg/Kg	1	✱	6010B	Total/NA
Chromium	13.9		0.66		mg/Kg	1	✱	6010B	Total/NA
Lead	743		1.3		mg/Kg	1	✱	6010B	Total/NA
Mercury	0.14		0.025		mg/Kg	1	✱	7471A	Total/NA

Client Sample ID: BH 33 6-10

Lab Sample ID: 480-12953-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	290	J	2000	24	ug/Kg	10	✱	8270C	Total/NA
Acenaphthylene	79	J	2000	16	ug/Kg	10	✱	8270C	Total/NA
Anthracene	680	J	2000	51	ug/Kg	10	✱	8270C	Total/NA
Benz(a)anthracene	1700	J	2000	35	ug/Kg	10	✱	8270C	Total/NA
Benzo(a)pyrene	1400	J	2000	48	ug/Kg	10	✱	8270C	Total/NA
Benzo(b)fluoranthene	1600	J	2000	39	ug/Kg	10	✱	8270C	Total/NA
Benzo(g,h,i)perylene	960	J	2000	24	ug/Kg	10	✱	8270C	Total/NA
Benzo(k)fluoranthene	760	J	2000	22	ug/Kg	10	✱	8270C	Total/NA
Chrysene	1500	J	2000	20	ug/Kg	10	✱	8270C	Total/NA
Dibenz(a,h)anthracene	290	J	2000	24	ug/Kg	10	✱	8270C	Total/NA
Fluoranthene	3400		2000	29	ug/Kg	10	✱	8270C	Total/NA

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 33 6-10 (Continued)

Lab Sample ID: 480-12953-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	290	J	2000	46	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	760	J	2000	55	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	3100		2000	42	ug/Kg	10	☼	8270C	Total/NA
Pyrene	3000		2000	13	ug/Kg	10	☼	8270C	Total/NA
Arsenic	5.0		2.6		mg/Kg	1	☼	6010B	Total/NA
Barium	92.7		0.64		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.40		0.26		mg/Kg	1	☼	6010B	Total/NA
Chromium	10.8		0.64		mg/Kg	1	☼	6010B	Total/NA
Lead	659		1.3		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.29		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: BH 34 4-8

Lab Sample ID: 480-12953-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	41	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Anthracene	240	J	2000	52	ug/Kg	10	☼	8270C	Total/NA
Benz(a)anthracene	1000	J	2000	35	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	960	J	2000	49	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	1100	J	2000	39	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	700	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	540	J	2000	22	ug/Kg	10	☼	8270C	Total/NA
Chrysene	950	J	2000	20	ug/Kg	10	☼	8270C	Total/NA
Dibenz(a,h)anthracene	220	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	1900	J	2000	29	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-c,d)pyrene	540	J	2000	56	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	1000	J	2000	42	ug/Kg	10	☼	8270C	Total/NA
Pyrene	1700	J	2000	13	ug/Kg	10	☼	8270C	Total/NA
Arsenic	17.8		2.2		mg/Kg	1	☼	6010B	Total/NA
Barium	556		0.56		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.48		0.22		mg/Kg	1	☼	6010B	Total/NA
Chromium	10.4		0.56		mg/Kg	1	☼	6010B	Total/NA
Lead	538		1.1		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.15		0.026		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: BH 36 0-8

Lab Sample ID: 480-12953-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benz(a)anthracene	14	J	190	3.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	11	J	190	4.6	ug/Kg	1	☼	8270C	Total/NA
Chrysene	15	J	190	1.9	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	23	J	190	2.7	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	7.8	J	190	4.0	ug/Kg	1	☼	8270C	Total/NA
Pyrene	23	J	190	1.2	ug/Kg	1	☼	8270C	Total/NA
Arsenic	4.9		2.2		mg/Kg	1	☼	6010B	Total/NA
Barium	106		0.56		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.38		0.22		mg/Kg	1	☼	6010B	Total/NA
Chromium	40.7		0.56		mg/Kg	1	☼	6010B	Total/NA
Lead	25.8		1.1		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.025		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: WASTE CHARACTERIZATION#1

Lab Sample ID: 480-12953-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.34	B	0.0020		mg/L	1		6010B	TCLP

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: WASTE CHARACTERIZATION#1 (Continued)

Lab Sample ID: 480-12953-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.012		0.0050		mg/L	1		6010B	TCLP
Sulfide, Reactive	20.1		10.0		mg/Kg	1		9034	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0		Degrees F	1		1010	Total/NA
pH	9.91		0.100		SU	1		9045C	Total/NA

Client Sample ID: WASTE CHARACTERIZATION#2

Lab Sample ID: 480-12953-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.42	B	0.0020		mg/L	1		6010B	TCLP
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0		Degrees F	1		1010	Total/NA
pH	10.5		0.100		SU	1		9045C	Total/NA

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 25 0-5

Lab Sample ID: 480-12953-1

Date Collected: 11/17/11 09:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		960	11	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Acenaphthylene	ND		960	7.8	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Anthracene	ND		960	24	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Benz(a)anthracene	84	J	960	16	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Benzo(a)pyrene	58	J	960	23	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Benzo(b)fluoranthene	79	J	960	18	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Benzo(g,h,i)perylene	ND		960	11	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Benzo(k)fluoranthene	63	J	960	10	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Chrysene	83	J	960	9.5	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Dibenz(a,h)anthracene	ND		960	11	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Fluoranthene	170	J	960	14	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Fluorene	ND		960	22	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Indeno(1,2,3-c,d)pyrene	ND		960	26	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Naphthalene	ND		960	16	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Phenanthrene	84	J	960	20	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5
Pyrene	130	J	960	6.2	ug/Kg	☼	11/21/11 09:36	11/22/11 14:42	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	83		34 - 132	11/21/11 09:36	11/22/11 14:42	5
2-Fluorobiphenyl	96		37 - 120	11/21/11 09:36	11/22/11 14:42	5
p-Terphenyl-d14	130		58 - 147	11/21/11 09:36	11/22/11 14:42	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.3		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1
Barium	405		0.57		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1
Cadmium	ND		0.23		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1
Chromium	8.6		0.57		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1
Lead	3.3		1.1		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1
Selenium	ND		4.6		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1
Silver	ND		0.57		mg/Kg	☼	11/22/11 09:40	11/23/11 18:01	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023		mg/Kg	☼	11/22/11 14:35	11/22/11 15:46	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 27 4-8

Date Collected: 11/17/11 10:00

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-2

Matrix: Solid

Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	7.2	J	190	2.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Acenaphthylene	13	J	190	1.5	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Anthracene	33	J	190	4.8	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Benz(a)anthracene	200		190	3.3	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Benzo(a)pyrene	210		190	4.6	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Benzo(b)fluoranthene	240		190	3.7	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Benzo(g,h,i)perylene	160	J	190	2.3	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Benzo(k)fluoranthene	110	J	190	2.1	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Chrysene	190		190	1.9	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Dibenz(a,h)anthracene	47	J	190	2.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Fluoranthene	330		190	2.7	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Fluorene	10	J	190	4.4	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Indeno(1,2,3-c,d)pyrene	120	J	190	5.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Naphthalene	ND		190	3.1	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Phenanthrene	190		190	4.0	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1
Pyrene	300		190	1.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	72		34 - 132	11/21/11 09:36	11/22/11 15:06	1
2-Fluorobiphenyl	84		37 - 120	11/21/11 09:36	11/22/11 15:06	1
p-Terphenyl-d14	129		58 - 147	11/21/11 09:36	11/22/11 15:06	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.3		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1
Barium	86.2		0.57		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1
Cadmium	0.38		0.23		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1
Chromium	8.1		0.57		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1
Lead	214		1.1		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1
Selenium	ND		4.6		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1
Silver	ND		0.57		mg/Kg	☼	11/22/11 09:40	11/23/11 18:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.024		mg/Kg	☼	11/22/11 14:35	11/22/11 15:47	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 29 4-8

Lab Sample ID: 480-12953-3

Date Collected: 11/17/11 10:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	2.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Acenaphthylene	ND		190	1.5	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Anthracene	ND		190	4.8	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Benz(a)anthracene	ND		190	3.3	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Benzo(a)pyrene	ND		190	4.6	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Benzo(b)fluoranthene	ND		190	3.7	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Benzo(g,h,i)perylene	ND		190	2.3	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Benzo(k)fluoranthene	ND		190	2.1	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Chrysene	ND		190	1.9	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Dibenz(a,h)anthracene	ND		190	2.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Fluoranthene	ND		190	2.7	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Fluorene	ND		190	4.4	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Indeno(1,2,3-c,d)pyrene	ND		190	5.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Naphthalene	ND		190	3.1	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Phenanthrene	ND		190	4.0	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1
Pyrene	ND		190	1.2	ug/Kg	☼	11/21/11 09:36	11/22/11 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	76		34 - 132	11/21/11 09:36	11/22/11 15:29	1
2-Fluorobiphenyl	86		37 - 120	11/21/11 09:36	11/22/11 15:29	1
p-Terphenyl-d14	135		58 - 147	11/21/11 09:36	11/22/11 15:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.3		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1
Barium	410		0.58		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1
Cadmium	ND		0.23		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1
Chromium	14.2		0.58		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1
Lead	2.8		1.2		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1
Selenium	ND		4.7		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1
Silver	ND		0.58		mg/Kg	☼	11/22/11 09:40	11/23/11 18:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023		mg/Kg	☼	11/22/11 14:35	11/22/11 15:49	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 31 0-4

Lab Sample ID: 480-12953-4

Date Collected: 11/17/11 11:00

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	50	J	900	10	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Acenaphthylene	ND		900	7.3	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Anthracene	110	J	900	23	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Benz(a)anthracene	450	J	900	15	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Benzo(a)pyrene	410	J	900	22	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Benzo(b)fluoranthene	470	J	900	17	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Benzo(g,h,i)perylene	260	J	900	11	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Benzo(k)fluoranthene	240	J	900	9.8	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Chrysene	460	J	900	8.9	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Dibenz(a,h)anthracene	85	J	900	10	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Fluoranthene	770	J	900	13	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Fluorene	34	J	900	21	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Indeno(1,2,3-c,d)pyrene	210	J	900	25	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Naphthalene	ND		900	15	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Phenanthrene	530	J	900	19	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5
Pyrene	700	J	900	5.8	ug/Kg	☼	11/21/11 09:36	11/22/11 15:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	75		34 - 132	11/21/11 09:36	11/22/11 15:53	5
2-Fluorobiphenyl	92		37 - 120	11/21/11 09:36	11/22/11 15:53	5
p-Terphenyl-d14	123		58 - 147	11/21/11 09:36	11/22/11 15:53	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.2		2.0		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1
Barium	34.1		0.51		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1
Cadmium	0.98		0.20		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1
Chromium	15.5		0.51		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1
Lead	145		1.0		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1
Selenium	ND		4.1		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1
Silver	ND		0.51		mg/Kg	☼	11/22/11 09:40	11/23/11 18:21	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.7		0.11		mg/Kg	☼	11/22/11 14:35	11/22/11 17:33	5

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 32 4-8

Lab Sample ID: 480-12953-5

Date Collected: 11/17/11 11:15

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2000		2000	23	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Acenaphthylene	230	J	2000	16	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Anthracene	5000		2000	51	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Benz(a)anthracene	11000		2000	34	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Benzo(a)pyrene	9200		2000	48	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Benzo(b)fluoranthene	10000		2000	38	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Benzo(g,h,i)perylene	7100		2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Benzo(k)fluoranthene	6000		2000	22	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Chrysene	9400		2000	20	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Dibenz(a,h)anthracene	1500	J	2000	23	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Fluoranthene	23000		2000	29	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Fluorene	2400		2000	46	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Indeno(1,2,3-c,d)pyrene	5700		2000	55	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Naphthalene	2000		2000	33	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Phenanthrene	19000		2000	41	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10
Pyrene	19000		2000	13	ug/Kg	☼	11/21/11 09:36	11/22/11 16:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	95		34 - 132	11/21/11 09:36	11/22/11 16:16	10
2-Fluorobiphenyl	104		37 - 120	11/21/11 09:36	11/22/11 16:16	10
p-Terphenyl-d14	136		58 - 147	11/21/11 09:36	11/22/11 16:16	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		2.6		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1
Barium	651		0.66		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1
Cadmium	0.40		0.26		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1
Chromium	13.9		0.66		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1
Lead	743		1.3		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1
Selenium	ND		5.2		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1
Silver	ND		0.66		mg/Kg	☼	11/22/11 09:40	11/23/11 18:23	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.025		mg/Kg	☼	11/22/11 14:35	11/22/11 15:52	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 33 6-10

Date Collected: 11/17/11 11:30

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-6

Matrix: Solid

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	290	J	2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Acenaphthylene	79	J	2000	16	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Anthracene	680	J	2000	51	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Benz(a)anthracene	1700	J	2000	35	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Benzo(a)pyrene	1400	J	2000	48	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Benzo(b)fluoranthene	1600	J	2000	39	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Benzo(g,h,i)perylene	960	J	2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Benzo(k)fluoranthene	760	J	2000	22	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Chrysene	1500	J	2000	20	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Dibenz(a,h)anthracene	290	J	2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Fluoranthene	3400		2000	29	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Fluorene	290	J	2000	46	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Indeno(1,2,3-c,d)pyrene	760	J	2000	55	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Naphthalene	ND		2000	33	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Phenanthrene	3100		2000	42	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10
Pyrene	3000		2000	13	ug/Kg	☼	11/21/11 09:36	11/22/11 16:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	85		34 - 132	11/21/11 09:36	11/22/11 16:40	10
2-Fluorobiphenyl	96		37 - 120	11/21/11 09:36	11/22/11 16:40	10
p-Terphenyl-d14	129		58 - 147	11/21/11 09:36	11/22/11 16:40	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		2.6		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1
Barium	92.7		0.64		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1
Cadmium	0.40		0.26		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1
Chromium	10.8		0.64		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1
Lead	659		1.3		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1
Selenium	ND		5.1		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1
Silver	ND		0.64		mg/Kg	☼	11/22/11 09:40	11/23/11 18:25	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.29		0.022		mg/Kg	☼	11/22/11 14:35	11/22/11 15:55	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 34 4-8

Date Collected: 11/17/11 11:45

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-7

Matrix: Solid

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	41	J	2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Acenaphthylene	ND		2000	16	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Anthracene	240	J	2000	52	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Benz(a)anthracene	1000	J	2000	35	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Benzo(a)pyrene	960	J	2000	49	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Benzo(b)fluoranthene	1100	J	2000	39	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Benzo(g,h,i)perylene	700	J	2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Benzo(k)fluoranthene	540	J	2000	22	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Chrysene	950	J	2000	20	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Dibenz(a,h)anthracene	220	J	2000	24	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Fluoranthene	1900	J	2000	29	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Fluorene	ND		2000	46	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Indeno(1,2,3-c,d)pyrene	540	J	2000	56	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Naphthalene	ND		2000	34	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Phenanthrene	1000	J	2000	42	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10
Pyrene	1700	J	2000	13	ug/Kg	☼	11/21/11 09:36	11/22/11 17:03	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	95		34 - 132	11/21/11 09:36	11/22/11 17:03	10
2-Fluorobiphenyl	103		37 - 120	11/21/11 09:36	11/22/11 17:03	10
p-Terphenyl-d14	133		58 - 147	11/21/11 09:36	11/22/11 17:03	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17.8		2.2		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1
Barium	556		0.56		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1
Cadmium	0.48		0.22		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1
Chromium	10.4		0.56		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1
Lead	538		1.1		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1
Selenium	ND		4.4		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1
Silver	ND		0.56		mg/Kg	☼	11/22/11 09:40	11/23/11 18:27	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.026		mg/Kg	☼	11/22/11 14:35	11/22/11 15:57	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 36 0-8

Lab Sample ID: 480-12953-8

Date Collected: 11/17/11 08:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	2.2	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Acenaphthylene	ND		190	1.5	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Anthracene	ND		190	4.8	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Benz(a)anthracene	14	J	190	3.3	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Benzo(a)pyrene	11	J	190	4.6	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Benzo(b)fluoranthene	ND		190	3.7	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Benzo(g,h,i)perylene	ND		190	2.3	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Benzo(k)fluoranthene	ND		190	2.1	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Chrysene	15	J	190	1.9	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Dibenz(a,h)anthracene	ND		190	2.2	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Fluoranthene	23	J	190	2.7	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Fluorene	ND		190	4.4	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Indeno(1,2,3-c,d)pyrene	ND		190	5.2	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Naphthalene	ND		190	3.1	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Phenanthrene	7.8	J	190	4.0	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1
Pyrene	23	J	190	1.2	ug/Kg	☼	11/21/11 09:36	11/22/11 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	71		34 - 132	11/21/11 09:36	11/22/11 17:27	1
2-Fluorobiphenyl	79		37 - 120	11/21/11 09:36	11/22/11 17:27	1
p-Terphenyl-d14	135		58 - 147	11/21/11 09:36	11/22/11 17:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.9		2.2		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1
Barium	106		0.56		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1
Cadmium	0.38		0.22		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1
Chromium	40.7		0.56		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1
Lead	25.8		1.1		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1
Selenium	ND		4.4		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1
Silver	ND		0.56		mg/Kg	☼	11/22/11 09:40	11/23/11 18:29	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.022		mg/Kg	☼	11/22/11 14:35	11/22/11 15:59	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: WASTE CHARACTERIZATION#1

Lab Sample ID: 480-12953-9

Date Collected: 11/17/11 12:00

Matrix: Solid

Date Received: 11/18/11 12:30

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			11/29/11 14:17	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			11/29/11 14:17	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			11/29/11 14:17	10
Benzene	ND		0.010	0.0041	mg/L			11/29/11 14:17	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			11/29/11 14:17	10
Chlorobenzene	ND		0.010	0.0075	mg/L			11/29/11 14:17	10
Chloroform	ND		0.010	0.0034	mg/L			11/29/11 14:17	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			11/29/11 14:17	10
Trichloroethene	ND		0.010	0.0046	mg/L			11/29/11 14:17	10
Vinyl chloride	ND		0.010	0.0090	mg/L			11/29/11 14:17	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		66 - 137		11/29/11 14:17	10
4-Bromofluorobenzene (Surr)	99		73 - 120		11/29/11 14:17	10
Toluene-d8 (Surr)	102		71 - 126		11/29/11 14:17	10

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		11/23/11 06:38	11/28/11 20:27	1
2,4,5-Trichlorophenol	ND	*	0.0050	0.00048	mg/L		11/23/11 06:38	11/28/11 20:27	1
2,4,6-Trichlorophenol	ND	*	0.0050	0.00061	mg/L		11/23/11 06:38	11/28/11 20:27	1
2,4-Dinitrotoluene	ND	*	0.0050	0.00045	mg/L		11/23/11 06:38	11/28/11 20:27	1
2-Methylphenol	ND	*	0.0050	0.00040	mg/L		11/23/11 06:38	11/28/11 20:27	1
3-Methylphenol	ND		0.010	0.00040	mg/L		11/23/11 06:38	11/28/11 20:27	1
4-Methylphenol	ND	*	0.010	0.00036	mg/L		11/23/11 06:38	11/28/11 20:27	1
Hexachlorobenzene	ND	*	0.0050	0.00051	mg/L		11/23/11 06:38	11/28/11 20:27	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		11/23/11 06:38	11/28/11 20:27	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		11/23/11 06:38	11/28/11 20:27	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		11/23/11 06:38	11/28/11 20:27	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		11/23/11 06:38	11/28/11 20:27	1
Pyridine	ND	*	0.025	0.00041	mg/L		11/23/11 06:38	11/28/11 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	11/23/11 06:38	11/28/11 20:27	1
2-Fluorobiphenyl	61		48 - 120	11/23/11 06:38	11/28/11 20:27	1
2-Fluorophenol	34		20 - 120	11/23/11 06:38	11/28/11 20:27	1
Nitrobenzene-d5	61		46 - 120	11/23/11 06:38	11/28/11 20:27	1
Phenol-d5	23		16 - 120	11/23/11 06:38	11/28/11 20:27	1
p-Terphenyl-d14	122		24 - 136	11/23/11 06:38	11/28/11 20:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	43	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1
PCB-1221	ND		220	43	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1
PCB-1232	ND		220	43	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1
PCB-1242	ND		220	48	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1
PCB-1248	ND		220	43	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1
PCB-1254	ND		220	47	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1
PCB-1260	ND		220	100	ug/Kg	☼	11/21/11 11:48	11/21/11 18:34	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: WASTE CHARACTERIZATION#1

Lab Sample ID: 480-12953-9

Date Collected: 11/17/11 12:00

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 90.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		36 - 182	11/21/11 11:48	11/21/11 18:34	1
Tetrachloro-m-xylene	117		24 - 172	11/21/11 11:48	11/21/11 18:34	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		11/22/11 12:00	11/23/11 20:26	1
Barium	0.34	B	0.0020		mg/L		11/22/11 12:00	11/23/11 20:26	1
Cadmium	ND		0.0010		mg/L		11/22/11 12:00	11/23/11 20:26	1
Chromium	ND		0.0040		mg/L		11/22/11 12:00	11/23/11 20:26	1
Lead	0.012		0.0050		mg/L		11/22/11 12:00	11/23/11 20:26	1
Selenium	ND		0.015		mg/L		11/22/11 12:00	11/23/11 20:26	1
Silver	ND		0.0030		mg/L		11/22/11 12:00	11/23/11 20:26	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		11/29/11 10:45	11/29/11 13:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0		mg/Kg		11/22/11 16:00	11/23/11 15:37	1
Sulfide, Reactive	20.1		10.0		mg/Kg		11/22/11 20:16	11/23/11 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0		Degrees F			11/22/11 13:47	1
pH	9.91		0.100		SU			11/22/11 23:57	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: WASTE CHARACTERIZATION#2

Lab Sample ID: 480-12953-10

Date Collected: 11/17/11 12:30

Matrix: Solid

Date Received: 11/18/11 12:30

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			11/29/11 14:41	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			11/29/11 14:41	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			11/29/11 14:41	10
Benzene	ND		0.010	0.0041	mg/L			11/29/11 14:41	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			11/29/11 14:41	10
Chlorobenzene	ND		0.010	0.0075	mg/L			11/29/11 14:41	10
Chloroform	ND		0.010	0.0034	mg/L			11/29/11 14:41	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			11/29/11 14:41	10
Trichloroethene	ND		0.010	0.0046	mg/L			11/29/11 14:41	10
Vinyl chloride	ND		0.010	0.0090	mg/L			11/29/11 14:41	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137					11/29/11 14:41	10
4-Bromofluorobenzene (Surr)	95		73 - 120					11/29/11 14:41	10
Toluene-d8 (Surr)	100		71 - 126					11/29/11 14:41	10

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		11/23/11 06:38	11/28/11 20:51	1
2,4,5-Trichlorophenol	ND	*	0.0050	0.00048	mg/L		11/23/11 06:38	11/28/11 20:51	1
2,4,6-Trichlorophenol	ND	*	0.0050	0.00061	mg/L		11/23/11 06:38	11/28/11 20:51	1
2,4-Dinitrotoluene	ND	*	0.0050	0.00045	mg/L		11/23/11 06:38	11/28/11 20:51	1
2-Methylphenol	ND	*	0.0050	0.00040	mg/L		11/23/11 06:38	11/28/11 20:51	1
3-Methylphenol	ND		0.010	0.00040	mg/L		11/23/11 06:38	11/28/11 20:51	1
4-Methylphenol	ND	*	0.010	0.00036	mg/L		11/23/11 06:38	11/28/11 20:51	1
Hexachlorobenzene	ND	*	0.0050	0.00051	mg/L		11/23/11 06:38	11/28/11 20:51	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		11/23/11 06:38	11/28/11 20:51	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		11/23/11 06:38	11/28/11 20:51	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		11/23/11 06:38	11/28/11 20:51	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		11/23/11 06:38	11/28/11 20:51	1
Pyridine	ND	*	0.025	0.00041	mg/L		11/23/11 06:38	11/28/11 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	127		52 - 132				11/23/11 06:38	11/28/11 20:51	1
2-Fluorobiphenyl	86		48 - 120				11/23/11 06:38	11/28/11 20:51	1
2-Fluorophenol	50		20 - 120				11/23/11 06:38	11/28/11 20:51	1
Nitrobenzene-d5	91		46 - 120				11/23/11 06:38	11/28/11 20:51	1
Phenol-d5	36		16 - 120				11/23/11 06:38	11/28/11 20:51	1
p-Terphenyl-d14	143	X	24 - 136				11/23/11 06:38	11/28/11 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230	45	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1
PCB-1221	ND		230	45	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1
PCB-1232	ND		230	45	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1
PCB-1242	ND		230	50	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1
PCB-1248	ND		230	45	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1
PCB-1254	ND		230	49	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1
PCB-1260	ND		230	110	ug/Kg	☼	11/21/11 11:48	11/21/11 18:50	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: WASTE CHARACTERIZATION#2

Lab Sample ID: 480-12953-10

Date Collected: 11/17/11 12:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 90.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		36 - 182	11/21/11 11:48	11/21/11 18:50	1
Tetrachloro-m-xylene	120		24 - 172	11/21/11 11:48	11/21/11 18:50	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		11/22/11 12:00	11/23/11 20:38	1
Barium	0.42	B	0.0020		mg/L		11/22/11 12:00	11/23/11 20:38	1
Cadmium	ND		0.0010		mg/L		11/22/11 12:00	11/23/11 20:38	1
Chromium	ND		0.0040		mg/L		11/22/11 12:00	11/23/11 20:38	1
Lead	ND		0.0050		mg/L		11/22/11 12:00	11/23/11 20:38	1
Selenium	ND		0.015		mg/L		11/22/11 12:00	11/23/11 20:38	1
Silver	ND		0.0030		mg/L		11/22/11 12:00	11/23/11 20:38	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		11/29/11 10:45	11/29/11 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0		mg/Kg		11/22/11 16:00	11/23/11 15:37	1
Sulfide, Reactive	ND		10.0		mg/Kg		11/22/11 20:40	11/23/11 16:38	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0		Degrees F			11/22/11 14:38	1
pH	10.5		0.100		SU			11/22/11 23:57	1

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 8260B - TCLP Volatiles

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
LCS 480-41986/4	Lab Control Sample	108	98	103
MB 480-41986/5	Method Blank	113	98	104
Surrogate Legend				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8260B - TCLP Volatiles

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	BFB (73-120)	TOL (71-126)
480-12953-9	WASTE CHARACTERIZATION#1	114	99	102
480-12953-10	WASTE CHARACTERIZATION#2	111	95	100
LB 480-41414/1-A LB	Method Blank	110	97	101
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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (34-132)	FBP (37-120)	TPH (58-147)
480-12953-1	BH 25 0-5	83	96	130
480-12953-2	BH 27 4-8	72	84	129
480-12953-3	BH 29 4-8	76	86	135
480-12953-4	BH 31 0-4	75	92	123
480-12953-5	BH 32 4-8	95	104	136
480-12953-6	BH 33 6-10	85	96	129
480-12953-7	BH 34 4-8	95	103	133
480-12953-8	BH 36 0-8	71	79	135
LCS 480-41312/2-A	Lab Control Sample	88	96	131
MB 480-41312/1-A	Method Blank	93	97	127
Surrogate Legend				
NBZ = Nitrobenzene-d5				
FBP = 2-Fluorobiphenyl				
TPH = p-Terphenyl-d14				

Method: 8270C - TCLP Semivolatiles

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	FBP (48-120)	TPH (24-136)
LCS 480-41646/2-A	Lab Control Sample	124	54	95	38	96	133

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 8270C - TCLP Semivolatiles (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	FBP (48-120)	TPH (24-136)
LCSD 480-41646/3-A	Lab Control Sample Dup	87	38	67	29	69	100
MB 480-41646/1-A	Method Blank	90	42	72	30	73	119
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
FBP = 2-Fluorobiphenyl							
TPH = p-Terphenyl-d14							

Method: 8270C - TCLP Semivolatiles

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (24-136)
480-12953-9	WASTE CHARACTERIZATION#1	98	61	34	61	23	122
480-12953-10	WASTE CHARACTERIZATION#2	127	86	50	91	36	143 X
LB 480-41404/1-C LB	Method Blank	117	80	41	78	29	135
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = p-Terphenyl-d14							

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (36-182)	TCX1 (24-172)
480-12953-9	WASTE CHARACTERIZATION#1	99	117
480-12953-10	WASTE CHARACTERIZATION#2	103	120
LCS 480-41354/2-A	Lab Control Sample	133	137
MB 480-41354/1-A	Method Blank	123	125
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 8260B - TCLP Volatiles

Lab Sample ID: MB 480-41986/5

Matrix: Solid

Analysis Batch: 41986

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			11/29/11 12:02	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			11/29/11 12:02	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			11/29/11 12:02	1
Benzene	ND		0.0010	0.00041	mg/L			11/29/11 12:02	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			11/29/11 12:02	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			11/29/11 12:02	1
Chloroform	ND		0.0010	0.00034	mg/L			11/29/11 12:02	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			11/29/11 12:02	1
Trichloroethene	ND		0.0010	0.00046	mg/L			11/29/11 12:02	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			11/29/11 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		11/29/11 12:02	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/29/11 12:02	1
Toluene-d8 (Surr)	104		71 - 126		11/29/11 12:02	1

Lab Sample ID: LCS 480-41986/4

Matrix: Solid

Analysis Batch: 41986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0250	0.0276		mg/L		110	65 - 138
1,2-Dichloroethane	0.0250	0.0257		mg/L		103	75 - 127
Benzene	0.0250	0.0252		mg/L		101	71 - 124
Chlorobenzene	0.0250	0.0232		mg/L		93	72 - 120
Tetrachloroethene	0.0250	0.0236		mg/L		94	74 - 122
Trichloroethene	0.0250	0.0247		mg/L		99	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		66 - 137
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	103		71 - 126

Lab Sample ID: LB 480-41414/1-A LB

Matrix: Solid

Analysis Batch: 41986

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			11/29/11 12:43	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			11/29/11 12:43	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			11/29/11 12:43	10
Benzene	ND		0.010	0.0041	mg/L			11/29/11 12:43	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			11/29/11 12:43	10
Chlorobenzene	ND		0.010	0.0075	mg/L			11/29/11 12:43	10
Chloroform	ND		0.010	0.0034	mg/L			11/29/11 12:43	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			11/29/11 12:43	10
Trichloroethene	ND		0.010	0.0046	mg/L			11/29/11 12:43	10
Vinyl chloride	ND		0.010	0.0090	mg/L			11/29/11 12:43	10

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 8260B - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-41414/1-A LB

Matrix: Solid

Analysis Batch: 41986

Client Sample ID: Method Blank

Prep Type: TCLP

Surrogate	LB LB %Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		11/29/11 12:43	10
4-Bromofluorobenzene (Surr)	97		73 - 120		11/29/11 12:43	10
Toluene-d8 (Surr)	101		71 - 126		11/29/11 12:43	10

Method: 8270C - TCLP Semivolatiles

Lab Sample ID: MB 480-41646/1-A

Matrix: Solid

Analysis Batch: 41909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41646

Analyte	MB MB Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		11/23/11 06:38	11/28/11 16:40	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		11/23/11 06:38	11/28/11 16:40	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		11/23/11 06:38	11/28/11 16:40	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		11/23/11 06:38	11/28/11 16:40	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		11/23/11 06:38	11/28/11 16:40	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		11/23/11 06:38	11/28/11 16:40	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		11/23/11 06:38	11/28/11 16:40	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		11/23/11 06:38	11/28/11 16:40	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		11/23/11 06:38	11/28/11 16:40	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		11/23/11 06:38	11/28/11 16:40	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		11/23/11 06:38	11/28/11 16:40	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		11/23/11 06:38	11/28/11 16:40	1
Pyridine	ND		0.0063	0.00010	mg/L		11/23/11 06:38	11/28/11 16:40	1

Surrogate	MB MB %Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		52 - 132	11/23/11 06:38	11/28/11 16:40	1
2-Fluorophenol	42		20 - 120	11/23/11 06:38	11/28/11 16:40	1
Nitrobenzene-d5	72		46 - 120	11/23/11 06:38	11/28/11 16:40	1
Phenol-d5	30		16 - 120	11/23/11 06:38	11/28/11 16:40	1
2-Fluorobiphenyl	73		48 - 120	11/23/11 06:38	11/28/11 16:40	1
p-Terphenyl-d14	119		24 - 136	11/23/11 06:38	11/28/11 16:40	1

Lab Sample ID: LCS 480-41646/2-A

Matrix: Solid

Analysis Batch: 41984

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41646

Analyte	Spike Added	LCS LCS Result	Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0709		mg/L		71	32 - 120
2,4-Dinitrotoluene	0.100	0.114		mg/L		114	59 - 125
Hexachloroethane	0.100	0.0714		mg/L		71	25 - 120
Pentachlorophenol	0.100	0.0929		mg/L		93	39 - 136

Surrogate	LCS LCS %Recovery	Qualifier	Limits
2,4,6-Tribromophenol	124		52 - 132
2-Fluorophenol	54		20 - 120
Nitrobenzene-d5	95		46 - 120
Phenol-d5	38		16 - 120

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: LCS 480-41646/2-A

Matrix: Solid

Analysis Batch: 41984

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41646

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	96		48 - 120
p-Terphenyl-d14	133		24 - 136

Lab Sample ID: LCSD 480-41646/3-A

Matrix: Solid

Analysis Batch: 41984

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41646

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.100	0.0497		mg/L		50	32 - 120	35	36
2,4-Dinitrotoluene	0.100	0.0852	*	mg/L		85	59 - 125	29	20
Hexachloroethane	0.100	0.0522		mg/L		52	25 - 120	31	46
Pentachlorophenol	0.100	0.0641		mg/L		64	39 - 136	37	37

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	87		52 - 132
2-Fluorophenol	38		20 - 120
Nitrobenzene-d5	67		46 - 120
Phenol-d5	29		16 - 120
2-Fluorobiphenyl	69		48 - 120
p-Terphenyl-d14	100		24 - 136

Lab Sample ID: LB 480-41404/1-C LB

Matrix: Solid

Analysis Batch: 41984

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 41646

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		11/23/11 06:38	11/29/11 17:40	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		11/23/11 06:38	11/29/11 17:40	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		11/23/11 06:38	11/29/11 17:40	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		11/23/11 06:38	11/29/11 17:40	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		11/23/11 06:38	11/29/11 17:40	1
3-Methylphenol	ND		0.010	0.00040	mg/L		11/23/11 06:38	11/29/11 17:40	1
4-Methylphenol	ND		0.010	0.00036	mg/L		11/23/11 06:38	11/29/11 17:40	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		11/23/11 06:38	11/29/11 17:40	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		11/23/11 06:38	11/29/11 17:40	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		11/23/11 06:38	11/29/11 17:40	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		11/23/11 06:38	11/29/11 17:40	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		11/23/11 06:38	11/29/11 17:40	1
Pyridine	ND		0.025	0.00041	mg/L		11/23/11 06:38	11/29/11 17:40	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		52 - 132	11/23/11 06:38	11/29/11 17:40	1
2-Fluorophenol	41		20 - 120	11/23/11 06:38	11/29/11 17:40	1
Nitrobenzene-d5	78		46 - 120	11/23/11 06:38	11/29/11 17:40	1
Phenol-d5	29		16 - 120	11/23/11 06:38	11/29/11 17:40	1
2-Fluorobiphenyl	80		48 - 120	11/23/11 06:38	11/29/11 17:40	1
p-Terphenyl-d14	135		24 - 136	11/23/11 06:38	11/29/11 17:40	1

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

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

Lab Sample ID: MB 480-41312/1-A

Matrix: Solid

Analysis Batch: 41487

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41312

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	2.0	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Acenaphthylene	ND		170	1.4	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Anthracene	ND		170	4.3	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Benz(a)anthracene	ND		170	2.9	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Benzo(a)pyrene	ND		170	4.0	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Benzo(b)fluoranthene	ND		170	3.2	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Benzo(k)fluoranthene	ND		170	1.8	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Chrysene	ND		170	1.7	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Fluoranthene	ND		170	2.4	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Fluorene	ND		170	3.8	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Indeno(1,2,3-c,d)pyrene	ND		170	4.6	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Naphthalene	ND		170	2.8	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Phenanthrene	ND		170	3.5	ug/Kg		11/21/11 09:36	11/22/11 13:09	1
Pyrene	ND		170	1.1	ug/Kg		11/21/11 09:36	11/22/11 13:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	93		34 - 132	11/21/11 09:36	11/22/11 13:09	1
2-Fluorobiphenyl	97		37 - 120	11/21/11 09:36	11/22/11 13:09	1
p-Terphenyl-d14	127		58 - 147	11/21/11 09:36	11/22/11 13:09	1

Lab Sample ID: LCS 480-41312/2-A

Matrix: Solid

Analysis Batch: 41487

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41312

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3290	3400		ug/Kg		103	53 - 120
Acenaphthylene	3290	3500		ug/Kg		106	58 - 121
Anthracene	3290	3560		ug/Kg		108	62 - 129
Benz(a)anthracene	3290	3600		ug/Kg		109	65 - 133
Benzo(a)pyrene	3290	3660		ug/Kg		111	64 - 127
Benzo(b)fluoranthene	3290	3650		ug/Kg		111	64 - 135
Benzo(g,h,i)perylene	3290	4050		ug/Kg		123	50 - 152
Benzo(k)fluoranthene	3290	3550		ug/Kg		108	58 - 138
Chrysene	3290	3470		ug/Kg		105	64 - 131
Dibenz(a,h)anthracene	3290	4080		ug/Kg		124	54 - 148
Fluoranthene	3290	3610		ug/Kg		110	62 - 131
Fluorene	3290	3710		ug/Kg		113	63 - 126
Indeno(1,2,3-c,d)pyrene	3290	3940		ug/Kg		120	56 - 149
Naphthalene	3290	3120		ug/Kg		95	46 - 120
Phenanthrene	3290	3600		ug/Kg		110	60 - 130
Pyrene	3290	3530		ug/Kg		107	51 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	88		34 - 132
2-Fluorobiphenyl	96		37 - 120
p-Terphenyl-d14	131		58 - 147

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

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

Lab Sample ID: MB 480-41354/1-A

Matrix: Solid

Analysis Batch: 41406

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	41	ug/Kg		11/21/11 11:48	11/21/11 16:40	1
PCB-1221	ND		210	41	ug/Kg		11/21/11 11:48	11/21/11 16:40	1
PCB-1232	ND		210	41	ug/Kg		11/21/11 11:48	11/21/11 16:40	1
PCB-1242	ND		210	46	ug/Kg		11/21/11 11:48	11/21/11 16:40	1
PCB-1248	ND		210	41	ug/Kg		11/21/11 11:48	11/21/11 16:40	1
PCB-1254	ND		210	45	ug/Kg		11/21/11 11:48	11/21/11 16:40	1
PCB-1260	ND		210	99	ug/Kg		11/21/11 11:48	11/21/11 16:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	123		36 - 182	11/21/11 11:48	11/21/11 16:40	1
Tetrachloro-m-xylene	125		24 - 172	11/21/11 11:48	11/21/11 16:40	1

Lab Sample ID: LCS 480-41354/2-A

Matrix: Solid

Analysis Batch: 41406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2140	2770		ug/Kg		129	51 - 185
PCB-1260	2140	2590		ug/Kg		121	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	133		36 - 182
Tetrachloro-m-xylene	137		24 - 172

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-41471/1-A

Matrix: Solid

Analysis Batch: 41887

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.8		mg/Kg		11/22/11 09:40	11/23/11 17:57	1
Barium	ND		0.46		mg/Kg		11/22/11 09:40	11/23/11 17:57	1
Cadmium	ND		0.18		mg/Kg		11/22/11 09:40	11/23/11 17:57	1
Chromium	ND		0.46		mg/Kg		11/22/11 09:40	11/23/11 17:57	1
Lead	ND		0.92		mg/Kg		11/22/11 09:40	11/23/11 17:57	1
Selenium	ND		3.7		mg/Kg		11/22/11 09:40	11/23/11 17:57	1
Silver	ND		0.46		mg/Kg		11/22/11 09:40	11/23/11 17:57	1

Lab Sample ID: LCSSRM 480-41471/2-A

Matrix: Solid

Analysis Batch: 41887

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41471

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	109	103.8		mg/Kg		95	70 - 134
Barium	206	203.5		mg/Kg		99	73 - 127
Cadmium	80.1	81.66		mg/Kg		102	73 - 127
Chromium	117	112.9		mg/Kg		97	70 - 130
Lead	76.1	75.91		mg/Kg		100	69 - 131

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

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

Lab Sample ID: LCSSRM 480-41471/2-A

Matrix: Solid

Analysis Batch: 41887

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41471

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	127	126.8		mg/Kg		100	67 - 134
Silver	41.0	37.93		mg/Kg		93	66 - 134

Lab Sample ID: 480-12953-3 MS

Matrix: Solid

Analysis Batch: 41887

Client Sample ID: BH 29 4-8

Prep Type: Total/NA

Prep Batch: 41471

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		49.6	43.49		mg/Kg	☼	83	75 - 125
Barium	410		49.6	538.4	4	mg/Kg	☼	260	75 - 125
Cadmium	ND		49.6	42.16		mg/Kg	☼	85	75 - 125
Chromium	14.2		49.6	53.41		mg/Kg	☼	79	75 - 125
Lead	2.8		49.6	51.30		mg/Kg	☼	98	75 - 125
Selenium	ND		49.6	32.59	F	mg/Kg	☼	60	75 - 125
Silver	ND		12.4	10.43		mg/Kg	☼	84	75 - 125

Lab Sample ID: 480-12953-3 MSD

Matrix: Solid

Analysis Batch: 41887

Client Sample ID: BH 29 4-8

Prep Type: Total/NA

Prep Batch: 41471

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		48.8	41.14		mg/Kg	☼	80	75 - 125	6	20
Barium	410		48.8	569.3	4	mg/Kg	☼	327	75 - 125	6	20
Cadmium	ND		48.8	40.05		mg/Kg	☼	82	75 - 125	5	20
Chromium	14.2		48.8	46.85	F	mg/Kg	☼	67	75 - 125	13	20
Lead	2.8		48.8	49.21		mg/Kg	☼	95	75 - 125	4	20
Selenium	ND		48.8	33.48	F	mg/Kg	☼	63	75 - 125	3	20
Silver	ND		12.2	10.18		mg/Kg	☼	83	75 - 125	2	20

Method: 6010B - TCLP RCRA Metals

Lab Sample ID: MB 480-41514/2-A

Matrix: Solid

Analysis Batch: 41890

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		11/22/11 12:00	11/23/11 20:11	1
Barium	ND		0.0020		mg/L		11/22/11 12:00	11/23/11 20:11	1
Cadmium	ND		0.0010		mg/L		11/22/11 12:00	11/23/11 20:11	1
Chromium	ND		0.0040		mg/L		11/22/11 12:00	11/23/11 20:11	1
Lead	ND		0.0050		mg/L		11/22/11 12:00	11/23/11 20:11	1
Selenium	ND		0.015		mg/L		11/22/11 12:00	11/23/11 20:11	1
Silver	ND		0.0030		mg/L		11/22/11 12:00	11/23/11 20:11	1

Lab Sample ID: LCS 480-41514/3-A

Matrix: Solid

Analysis Batch: 41890

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.13		mg/L		113	80 - 120

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 6010B - TCLP RCRA Metals (Continued)

Lab Sample ID: LCS 480-41514/3-A

Matrix: Solid

Analysis Batch: 41890

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	1.00	1.02		mg/L		102	80 - 120
Cadmium	1.00	1.09		mg/L		109	80 - 120
Chromium	1.00	1.03		mg/L		103	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Selenium	1.00	1.11		mg/L		111	80 - 120
Silver	1.00	1.14		mg/L		114	80 - 120

Lab Sample ID: LB 480-41404/1-B LB

Matrix: Solid

Analysis Batch: 41890

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 41514

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		11/22/11 12:00	11/23/11 20:09	1
Barium	0.0185		0.0020		mg/L		11/22/11 12:00	11/23/11 20:09	1
Cadmium	ND		0.0010		mg/L		11/22/11 12:00	11/23/11 20:09	1
Chromium	0.00424		0.0040		mg/L		11/22/11 12:00	11/23/11 20:09	1
Lead	ND		0.0050		mg/L		11/22/11 12:00	11/23/11 20:09	1
Selenium	ND		0.015		mg/L		11/22/11 12:00	11/23/11 20:09	1
Silver	ND		0.0030		mg/L		11/22/11 12:00	11/23/11 20:09	1

Lab Sample ID: 480-12953-9 MS

Matrix: Solid

Analysis Batch: 41890

Client Sample ID: WASTE CHARACTERIZATION#1

Prep Type: TCLP

Prep Batch: 41514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.19		mg/L		119	75 - 125
Barium	0.34	B	1.00	1.32		mg/L		98	75 - 125
Cadmium	ND		1.00	1.14		mg/L		114	75 - 125
Chromium	ND		1.00	0.957		mg/L		96	75 - 125
Lead	0.012		1.00	1.01		mg/L		100	75 - 125
Selenium	ND		1.00	1.17		mg/L		117	75 - 125
Silver	ND		1.00	1.13		mg/L		113	75 - 125

Lab Sample ID: 480-12953-9 MSD

Matrix: Solid

Analysis Batch: 41890

Client Sample ID: WASTE CHARACTERIZATION#1

Prep Type: TCLP

Prep Batch: 41514

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.15		mg/L		115	75 - 125	4	20
Barium	0.34	B	1.00	1.31		mg/L		97	75 - 125	1	20
Cadmium	ND		1.00	1.10		mg/L		110	75 - 125	3	20
Chromium	ND		1.00	0.947		mg/L		95	75 - 125	1	20
Lead	0.012		1.00	0.995		mg/L		98	75 - 125	2	20
Selenium	ND		1.00	1.12		mg/L		112	75 - 125	4	20
Silver	ND		1.00	1.12		mg/L		112	75 - 125	0	20

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-41994/2-A

Matrix: Solid

Analysis Batch: 42080

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		11/29/11 10:45	11/29/11 13:26	1

Lab Sample ID: LCS 480-41994/3-A

Matrix: Solid

Analysis Batch: 42080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00618		mg/L		93	80 - 120

Lab Sample ID: LB 480-41928/1-B LB

Matrix: Solid

Analysis Batch: 42080

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 41994

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		11/29/11 10:45	11/29/11 13:24	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-41512/1-A

Matrix: Solid

Analysis Batch: 41587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019		mg/Kg		11/22/11 14:35	11/22/11 15:42	1

Lab Sample ID: LCSSRM 480-41512/2-A

Matrix: Solid

Analysis Batch: 41587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41512

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.77	4.14		mg/Kg		110	51 - 149

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-41600/1

Matrix: Solid

Analysis Batch: 41600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-41635/1-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0		mg/Kg		11/22/11 16:00	11/23/11 15:37	1

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method: 9012 - Cyanide, Reactive (Continued)

Lab Sample ID: LCS 480-41635/2-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	213.8		mg/Kg		21	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-41636/1-A

Matrix: Solid

Analysis Batch: 41770

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0		mg/Kg		11/22/11 16:00	11/23/11 15:45	1

Lab Sample ID: LCS 480-41636/2-A

Matrix: Solid

Analysis Batch: 41770

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	210.5		mg/Kg		21	10 - 100

Method: 9045C - pH

Lab Sample ID: LCS 480-41638/1

Matrix: Solid

Analysis Batch: 41638

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.030		SU		100	99 - 101

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

GC/MS VOA

Leach Batch: 41414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	1311	
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	1311	
LB 480-41414/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 41986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	8260B	
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	8260B	
LB 480-41414/1-A LB	Method Blank	TCLP	Solid	8260B	
LCS 480-41986/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-41986/5	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 41312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	3550B	
480-12953-2	BH 27 4-8	Total/NA	Solid	3550B	
480-12953-3	BH 29 4-8	Total/NA	Solid	3550B	
480-12953-4	BH 31 0-4	Total/NA	Solid	3550B	
480-12953-5	BH 32 4-8	Total/NA	Solid	3550B	
480-12953-6	BH 33 6-10	Total/NA	Solid	3550B	
480-12953-7	BH 34 4-8	Total/NA	Solid	3550B	
480-12953-8	BH 36 0-8	Total/NA	Solid	3550B	
LCS 480-41312/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-41312/1-A	Method Blank	Total/NA	Solid	3550B	

Leach Batch: 41404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	1311	
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	1311	
LB 480-41404/1-C LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 41487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	8270C	41312
480-12953-2	BH 27 4-8	Total/NA	Solid	8270C	41312
480-12953-3	BH 29 4-8	Total/NA	Solid	8270C	41312
480-12953-4	BH 31 0-4	Total/NA	Solid	8270C	41312
480-12953-5	BH 32 4-8	Total/NA	Solid	8270C	41312
480-12953-6	BH 33 6-10	Total/NA	Solid	8270C	41312
480-12953-7	BH 34 4-8	Total/NA	Solid	8270C	41312
480-12953-8	BH 36 0-8	Total/NA	Solid	8270C	41312
LCS 480-41312/2-A	Lab Control Sample	Total/NA	Solid	8270C	41312
MB 480-41312/1-A	Method Blank	Total/NA	Solid	8270C	41312

Prep Batch: 41646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	3510C	41404
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	3510C	41404
LB 480-41404/1-C LB	Method Blank	TCLP	Solid	3510C	41404
LCS 480-41646/2-A	Lab Control Sample	Total/NA	Solid	3510C	

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

GC/MS Semi VOA (Continued)

Prep Batch: 41646 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-41646/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-41646/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 41909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	8270C	41646
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	8270C	41646
MB 480-41646/1-A	Method Blank	Total/NA	Solid	8270C	41646

Analysis Batch: 41984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-41404/1-C LB	Method Blank	TCLP	Solid	8270C	41646
LCS 480-41646/2-A	Lab Control Sample	Total/NA	Solid	8270C	41646
LCSD 480-41646/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	41646

GC Semi VOA

Prep Batch: 41354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	3550B	
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	3550B	
LCS 480-41354/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-41354/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 41406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	8082	41354
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	8082	41354
LCS 480-41354/2-A	Lab Control Sample	Total/NA	Solid	8082	41354
MB 480-41354/1-A	Method Blank	Total/NA	Solid	8082	41354

Metals

Leach Batch: 41404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	1311	
480-12953-9 MS	WASTE CHARACTERIZATION#1	TCLP	Solid	1311	
480-12953-9 MSD	WASTE CHARACTERIZATION#1	TCLP	Solid	1311	
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	1311	
LB 480-41404/1-B LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 41471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	3050B	
480-12953-2	BH 27 4-8	Total/NA	Solid	3050B	
480-12953-3	BH 29 4-8	Total/NA	Solid	3050B	
480-12953-3 MS	BH 29 4-8	Total/NA	Solid	3050B	
480-12953-3 MSD	BH 29 4-8	Total/NA	Solid	3050B	
480-12953-4	BH 31 0-4	Total/NA	Solid	3050B	
480-12953-5	BH 32 4-8	Total/NA	Solid	3050B	
480-12953-6	BH 33 6-10	Total/NA	Solid	3050B	
480-12953-7	BH 34 4-8	Total/NA	Solid	3050B	

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Metals (Continued)

Prep Batch: 41471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-8	BH 36 0-8	Total/NA	Solid	3050B	
LCSSRM 480-41471/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-41471/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 41512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	7471A	
480-12953-2	BH 27 4-8	Total/NA	Solid	7471A	
480-12953-3	BH 29 4-8	Total/NA	Solid	7471A	
480-12953-4	BH 31 0-4	Total/NA	Solid	7471A	
480-12953-5	BH 32 4-8	Total/NA	Solid	7471A	
480-12953-6	BH 33 6-10	Total/NA	Solid	7471A	
480-12953-7	BH 34 4-8	Total/NA	Solid	7471A	
480-12953-8	BH 36 0-8	Total/NA	Solid	7471A	
LCSSRM 480-41512/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-41512/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 41514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	3010A	41404
480-12953-9 MS	WASTE CHARACTERIZATION#1	TCLP	Solid	3010A	41404
480-12953-9 MSD	WASTE CHARACTERIZATION#1	TCLP	Solid	3010A	41404
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	3010A	41404
LB 480-41404/1-B LB	Method Blank	TCLP	Solid	3010A	41404
LCS 480-41514/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-41514/2-A	Method Blank	Total/NA	Solid	3010A	

Analysis Batch: 41587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	7471A	41512
480-12953-2	BH 27 4-8	Total/NA	Solid	7471A	41512
480-12953-3	BH 29 4-8	Total/NA	Solid	7471A	41512
480-12953-4	BH 31 0-4	Total/NA	Solid	7471A	41512
480-12953-5	BH 32 4-8	Total/NA	Solid	7471A	41512
480-12953-6	BH 33 6-10	Total/NA	Solid	7471A	41512
480-12953-7	BH 34 4-8	Total/NA	Solid	7471A	41512
480-12953-8	BH 36 0-8	Total/NA	Solid	7471A	41512
LCSSRM 480-41512/2-A	Lab Control Sample	Total/NA	Solid	7471A	41512
MB 480-41512/1-A	Method Blank	Total/NA	Solid	7471A	41512

Analysis Batch: 41887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	6010B	41471
480-12953-2	BH 27 4-8	Total/NA	Solid	6010B	41471
480-12953-3	BH 29 4-8	Total/NA	Solid	6010B	41471
480-12953-3 MS	BH 29 4-8	Total/NA	Solid	6010B	41471
480-12953-3 MSD	BH 29 4-8	Total/NA	Solid	6010B	41471
480-12953-4	BH 31 0-4	Total/NA	Solid	6010B	41471
480-12953-5	BH 32 4-8	Total/NA	Solid	6010B	41471
480-12953-6	BH 33 6-10	Total/NA	Solid	6010B	41471
480-12953-7	BH 34 4-8	Total/NA	Solid	6010B	41471
480-12953-8	BH 36 0-8	Total/NA	Solid	6010B	41471

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Metals (Continued)

Analysis Batch: 41887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 480-41471/2-A	Lab Control Sample	Total/NA	Solid	6010B	41471
MB 480-41471/1-A	Method Blank	Total/NA	Solid	6010B	41471

Analysis Batch: 41890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	6010B	41514
480-12953-9 MS	WASTE CHARACTERIZATION#1	TCLP	Solid	6010B	41514
480-12953-9 MSD	WASTE CHARACTERIZATION#1	TCLP	Solid	6010B	41514
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	6010B	41514
LB 480-41404/1-B LB	Method Blank	TCLP	Solid	6010B	41514
LCS 480-41514/3-A	Lab Control Sample	Total/NA	Solid	6010B	41514
MB 480-41514/2-A	Method Blank	Total/NA	Solid	6010B	41514

Leach Batch: 41928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	1311	
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	1311	
LB 480-41928/1-B LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 41994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	7470A	41928
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	7470A	41928
LB 480-41928/1-B LB	Method Blank	TCLP	Solid	7470A	41928
LCS 480-41994/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-41994/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 42080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	TCLP	Solid	7470A	41994
480-12953-10	WASTE CHARACTERIZATION#2	TCLP	Solid	7470A	41994
LB 480-41928/1-B LB	Method Blank	TCLP	Solid	7470A	41994
LCS 480-41994/3-A	Lab Control Sample	Total/NA	Solid	7470A	41994
MB 480-41994/2-A	Method Blank	Total/NA	Solid	7470A	41994

General Chemistry

Analysis Batch: 41424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-1	BH 25 0-5	Total/NA	Solid	Moisture	
480-12953-2	BH 27 4-8	Total/NA	Solid	Moisture	
480-12953-3	BH 29 4-8	Total/NA	Solid	Moisture	
480-12953-4	BH 31 0-4	Total/NA	Solid	Moisture	
480-12953-5	BH 32 4-8	Total/NA	Solid	Moisture	
480-12953-6	BH 33 6-10	Total/NA	Solid	Moisture	
480-12953-7	BH 34 4-8	Total/NA	Solid	Moisture	
480-12953-8	BH 36 0-8	Total/NA	Solid	Moisture	
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	Moisture	
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	Moisture	

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

General Chemistry (Continued)

Analysis Batch: 41600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	1010	
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	1010	
LCS 480-41600/1	Lab Control Sample	Total/NA	Solid	1010	

Prep Batch: 41635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	7.3.3	
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	7.3.3	
LCS 480-41635/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-41635/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 41636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	7.3.4	
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	7.3.4	
LCS 480-41636/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-41636/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 41638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	9045C	
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	9045C	
LCS 480-41638/1	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 41770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	9034	41636
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	9034	41636
LCS 480-41636/2-A	Lab Control Sample	Total/NA	Solid	9034	41636
MB 480-41636/1-A	Method Blank	Total/NA	Solid	9034	41636

Analysis Batch: 41776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12953-9	WASTE CHARACTERIZATION#1	Total/NA	Solid	9012	41635
480-12953-10	WASTE CHARACTERIZATION#2	Total/NA	Solid	9012	41635
LCS 480-41635/2-A	Lab Control Sample	Total/NA	Solid	9012	41635
MB 480-41635/1-A	Method Blank	Total/NA	Solid	9012	41635

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 25 0-5

Date Collected: 11/17/11 09:30

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-1

Matrix: Solid

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		5	41487	11/22/11 14:42	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:46	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:01	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: BH 27 4-8

Date Collected: 11/17/11 10:00

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-2

Matrix: Solid

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		1	41487	11/22/11 15:06	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:47	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:03	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: BH 29 4-8

Date Collected: 11/17/11 10:30

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-3

Matrix: Solid

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		1	41487	11/22/11 15:29	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:49	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:05	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: BH 31 0-4

Date Collected: 11/17/11 11:00

Date Received: 11/18/11 12:30

Lab Sample ID: 480-12953-4

Matrix: Solid

Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		5	41487	11/22/11 15:53	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		5	41587	11/22/11 17:33	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 31 0-4

Lab Sample ID: 480-12953-4

Date Collected: 11/17/11 11:00

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	41887	11/23/11 18:21	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: BH 32 4-8

Lab Sample ID: 480-12953-5

Date Collected: 11/17/11 11:15

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		10	41487	11/22/11 16:16	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:52	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:23	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: BH 33 6-10

Lab Sample ID: 480-12953-6

Date Collected: 11/17/11 11:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		10	41487	11/22/11 16:40	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:55	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:25	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: BH 34 4-8

Lab Sample ID: 480-12953-7

Date Collected: 11/17/11 11:45

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		10	41487	11/22/11 17:03	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:57	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:27	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: BH 36 0-8

Lab Sample ID: 480-12953-8

Date Collected: 11/17/11 08:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			41312	11/21/11 09:36	CM	TAL BUF
Total/NA	Analysis	8270C		1	41487	11/22/11 17:27	RF	TAL BUF
Total/NA	Prep	7471A			41512	11/22/11 14:35	MM	TAL BUF
Total/NA	Analysis	7471A		1	41587	11/22/11 15:59	MM	TAL BUF
Total/NA	Prep	3050B			41471	11/22/11 09:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	41887	11/23/11 18:29	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF

Client Sample ID: WASTE CHARACTERIZATION#1

Lab Sample ID: 480-12953-9

Date Collected: 11/17/11 12:00

Matrix: Solid

Date Received: 11/18/11 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			41414	11/21/11 16:05	TR	TAL BUF
TCLP	Analysis	8260B		10	41986	11/29/11 14:17	LH	TAL BUF
TCLP	Leach	1311			41404	11/21/11 15:56	TR	TAL BUF
TCLP	Prep	3510C			41646	11/23/11 06:38	KV	TAL BUF
TCLP	Analysis	8270C		1	41909	11/28/11 20:27	KP	TAL BUF
Total/NA	Prep	3550B			41354	11/21/11 11:48	CM	TAL BUF
Total/NA	Analysis	8082		1	41406	11/21/11 18:34	JM	TAL BUF
TCLP	Leach	1311			41404	11/21/11 15:56	TR	TAL BUF
TCLP	Prep	3010A			41514	11/22/11 12:00	SS	TAL BUF
TCLP	Analysis	6010B		1	41890	11/23/11 20:26	JRK	TAL BUF
TCLP	Leach	1311			41928	11/28/11 15:59	KV	TAL BUF
TCLP	Prep	7470A			41994	11/29/11 10:45	MM	TAL BUF
TCLP	Analysis	7470A		1	42080	11/29/11 13:30	MM	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF
Total/NA	Analysis	1010		1	41600	11/22/11 13:47	KS	TAL BUF
Total/NA	Analysis	9045C		1	41638	11/22/11 23:57	EFN	TAL BUF
Total/NA	Prep	7.3.4			41636	11/22/11 20:16	RL	TAL BUF
Total/NA	Analysis	9034		1	41770	11/23/11 16:34	RL	TAL BUF
Total/NA	Prep	7.3.3			41635	11/22/11 16:00	RL	TAL BUF
Total/NA	Analysis	9012		1	41776	11/23/11 15:37	RL	TAL BUF

Client Sample ID: WASTE CHARACTERIZATION#2

Lab Sample ID: 480-12953-10

Date Collected: 11/17/11 12:30

Matrix: Solid

Date Received: 11/18/11 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			41414	11/21/11 16:05	TR	TAL BUF
TCLP	Analysis	8260B		10	41986	11/29/11 14:41	LH	TAL BUF
TCLP	Leach	1311			41404	11/21/11 15:56	TR	TAL BUF
TCLP	Prep	3510C			41646	11/23/11 06:38	KV	TAL BUF
TCLP	Analysis	8270C		1	41909	11/28/11 20:51	KP	TAL BUF
Total/NA	Prep	3550B			41354	11/21/11 11:48	CM	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Client Sample ID: WASTE CHARACTERIZATION#2

Lab Sample ID: 480-12953-10

Date Collected: 11/17/11 12:30

Matrix: Solid

Date Received: 11/18/11 12:30

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		1	41406	11/21/11 18:50	JM	TAL BUF
TCLP	Leach	1311			41404	11/21/11 15:56	TR	TAL BUF
TCLP	Prep	3010A			41514	11/22/11 12:00	SS	TAL BUF
TCLP	Analysis	6010B		1	41890	11/23/11 20:38	JRK	TAL BUF
TCLP	Leach	1311			41928	11/28/11 15:59	KV	TAL BUF
TCLP	Prep	7470A			41994	11/29/11 10:45	MM	TAL BUF
TCLP	Analysis	7470A		1	42080	11/29/11 13:32	MM	TAL BUF
Total/NA	Analysis	Moisture		1	41424	11/21/11 17:53	KK	TAL BUF
Total/NA	Analysis	1010		1	41600	11/22/11 14:38	KS	TAL BUF
Total/NA	Analysis	9045C		1	41638	11/22/11 23:57	EFN	TAL BUF
Total/NA	Prep	7.3.4			41636	11/22/11 20:40	RL	TAL BUF
Total/NA	Analysis	9034		1	41770	11/23/11 16:38	RL	TAL BUF
Total/NA	Prep	7.3.3			41635	11/22/11 16:00	RL	TAL BUF
Total/NA	Analysis	9012		1	41776	11/23/11 15:37	RL	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 - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

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	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	USDA		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	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 - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Method	Method Description	Protocol	Laboratory
8260B	TCLP Volatiles	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	TCLP Semivolatiles	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
6010B	TCLP RCRA Metals	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045C	pH	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 - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-12953-1	BH 25 0-5	Solid	11/17/11 09:30	11/18/11 12:30
480-12953-2	BH 27 4-8	Solid	11/17/11 10:00	11/18/11 12:30
480-12953-3	BH 29 4-8	Solid	11/17/11 10:30	11/18/11 12:30
480-12953-4	BH 31 0-4	Solid	11/17/11 11:00	11/18/11 12:30
480-12953-5	BH 32 4-8	Solid	11/17/11 11:15	11/18/11 12:30
480-12953-6	BH 33 6-10	Solid	11/17/11 11:30	11/18/11 12:30
480-12953-7	BH 34 4-8	Solid	11/17/11 11:45	11/18/11 12:30
480-12953-8	BH 36 0-8	Solid	11/17/11 08:30	11/18/11 12:30
480-12953-9	WASTE CHARACTERIZATION#1	Solid	11/17/11 12:00	11/18/11 12:30
480-12953-10	WASTE CHARACTERIZATION#2	Solid	11/17/11 12:30	11/18/11 12:30

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Client: Turnkey Env Restoration, LLC Project Manager: Mike Lesiakowski Date: 11/17/11 Chain of Custody Number: 199736

Address: 2558 Hamburg Turnpike Telephone Number (Area Code)/Fax Number: 716-856-0544/0583 Lab Number: _____ Page 1 of 1

City: BUFFALO State: NY Zip Code: 14218 Site Contact: R. Davis Lab Contact: B. Fisher

Project Name and Location (State): Onondaga Bldg Carrier/Waybill Number: _____

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt						
BUFFALO	NY	14218	R. Dubois	B. Fischer								
Project Name and Location (State)			Carrier/Waybill Number									
Dewarville Bldg												
Contract/Purchase Order/Quote No.												
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH
BH 25-00 0-5'	11/17/11	0930										
BH 27 4-8'		1000										
BH 29 4-8'		1030										
BH 31 0-4'		1100										
BH 32 4-8'		1115										
BH 33 6-10'		1130										
BH 34 4-8'		1145										
BH 36 0-8'		0830										
WASK Characterization #1	11/17/11	1200										
WASK Characterization #2		1230										

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

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☒ Other: Sharps

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Sharps

1. Relinquished By: [Signature] Date: 11/17/11 Time: 1600 1. Received By: [Signature] Date: 11-18-11 Time: 11:35

2. Relinquished By: [Signature] Date: 11-18-11 Time: 12:30 2. Received By: [Signature] Date: 11-18-11 Time: 1230

3. Relinquished By: [Signature] Date: _____ Time: _____ 3. Received By: [Signature] Date: _____ Time: _____

Comments: 3.4

Attachment 5

Previous Environmental Investigations 125 Main Street Site Brownfield Cleanup Program Application

A summary of the previous environmental site investigation completed for the Site is presented below.

May 2007 –Phase I Environmental Site Assessment Report of the General William J. Donovan State Office Building

URS Corporation. (URS) conducted an Environmental Site Assessment of the subject property, and the findings are summarized below.

- Miscellaneous hazardous materials observed at the subject property include paints, water treatment chemicals (e.g. aquacides, acids, etc.), solvents, coolants, compressor oil, diesel fuel, and gasoline.
- Mercury-containing gauges were reported to be observed on site.
- Suspect asbestos-containing materials (ACM) observed at the subject property included: vinyl asbestos floor tiles, floor tile mastic, cove base molding, cove base molding mastic, spray on ceiling fire proofing, thermal insulation on boilers and pipes, window glazing, window caulking, built-up roofing, and flashing.
- PCB-containing fluorescent light ballasts may still be present on Site.
- Two active underground storage tanks (USTs) containing petroleum products associated with the Site. One inactive UST is known to be on Site.
- Based on the age of site development (1961), there may be lead-based paint (LBP) on surfaces at the subject property.
- One off-site property, The Buffalo News, located upgradient of the subject property and is listed in the Leaking Tanks (LTANKS), historic leaking tanks (HIST LTANK), spills (SPILLS), and historic spills (HIST SPILLS) databases. With potential for migrated onto the subject property.

Attachment 5

Previous Environmental Investigations

125 Main Street Site

Brownfield Cleanup Program Application

- The former Hamburg Canal, which runs through the current south parking lot, was filled between 1899 and 1925. The source and nature of the fill material is not known.

Although not specifically identified in the URS Phase I ESA, historic Sanborn maps from 1889 to 1951 show former on-Site operations including: Wire works (weaving and painting), paint shop, tin shop, junk yard/storage, contractor's yard, medicine manufacturing, a bit brace factory (including machine shop) and a boot and shoe manufacturer.

November 2007 –Phase II Environmental Site Assessment Report of the General William J. Donovan State Office Building

URS Corporation. (URS) conducted an Environmental Site Assessment of the subject property, and the findings are summarized below.

- Semi-volatile organic compounds (SVOCs), primarily poly-aromatic hydrocarbons (PAHs) were found to exceed NYSDEC Part 375 commercial soil cleanup objectives (SCOs).
- Acetone detected in groundwater exceeded technical and operational guidance series (TOGS) water quality standards.

December 2008 – UST Closure Report, Donovan State Office Building UST Closure Project

Lender Consulting Services conducted an UST Closure on the subject property, and the findings are summarized below.

- One diesel fuel Day Tank for emergency generator was removed.
- One (1) 1,000 gallon diesel fuel UST removed.
- One (1) 4,000 gallon gasoline UST removed.

Attachment 5

Previous Environmental Investigations 125 Main Street Site Brownfield Cleanup Program Application

- One (1) 30,000 gallon #6 fuel oil UST removed.

2011 – Supplemental Phase II Subsurface Investigation

Benchmark Environmental Engineering & Science, PLLC. (Benchmark) conducted a Supplementary Phase II Subsurface Investigation of the subject property, and the findings are summarized below.

- SVOCs were found to exceed NYDEC Part 375 Commercial SCOs.
- Barium and Arsenic was found in concentrations exceeding NYSDEC Part 375 Commercial SCOs.
- Chromium, Lead, and Mercury were found in concentrations exceeding Unrestricted SCOs.

The site is listed on the NYSDEC Petroleum Bulk Storage Record under the names NYS Office of General Services and General William J. Donovan State Office Building (PBS No. 9-387495 & 9-387746) respectively. The Site is said to have contained at least four (4) underground storage tanks (USTs). The Site is also listed on the NYSDEC Spills Database including at least 7 spill events between 1987 and 2008.