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COPY

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June 10, 2008

Todd Caffoe
Division of Environmental Remediation
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, NY 14414-9519

Re: Supplemental Soil Investigation & Human Health Exposure Assessment
Former Griffin Technology Site (#C835008)
Farmington (T), Ontario (C)

Dear Mr. Caffoe:

As requested in your April 4, 2008 letter, and in accordance with our May 15, 2008 response, S&W Redevelopment of North America, LLC (SWRNA) has completed a Supplemental Soil Investigation at the above referenced site. This letter describes the methods of investigation and analytical results, and provides a revised Human Health Exposure Assessment as an attachment (Attachment 1).

BACKGROUND

The subject site has been accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). Although previous investigations were completed at the site, including soil sampling and analysis, NYSDEC requested that additional soil sampling and analysis be conducted to further characterize site soils.

At NYSDEC's request, SWRNA prepared a Supplemental Soil Investigation Work Plan (April 2008), which was subsequently approved by NYSDEC, in order to evaluate the following:

- potential presence of contamination and/or contamination sources on the site and below the site building in site soils;
- potential human exposure to soils, for inclusion in the Qualitative Human Health Exposure Assessment.

SOIL INVESTIGATION METHODS

Soil samples were collected from seven (7) soil borings at locations shown on Figure 1. As indicated on the figure, six of the soil borings were located outside the building (IW-2, IW-5, IW-9, SB-1, SB-2, SB-3) to represent soil conditions across the site, and one (1) soil boring was completed inside the site building (IB-1) to represent conditions immediately underlying the building slab. The location inside the building

was selected based on proximity to the area of concern relative to the reported historical release of solvents.

A. Exterior Soil Borings. In accordance with the approved Work Plan (SWRNA, April 2008), soil samples were collected continuously for the entire depth of each of the six exterior borings, down to top of bedrock by hollow stem augers and split spoon samplers. The borings were advanced to split spoon refusal. Two (2) soil samples were collected from each of the exterior borings for laboratory analysis, for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, pesticides, and PCBs. The depths from which soil samples were analyzed included (1) the upper two inches immediately below any ground cover (i.e. pavement, vegetation, gravel fill, etc), and (2) from a deeper one-foot interval based on field screening observations. Sample SB-1 was located in the existing asphalt paved area east of the building. Sample IW-2 was located adjacent to asphalt pavement on the west side of the building.

Subsurface soil samples were screened with a photoionization detector (PID) and visually examined for any staining or non-aqueous phase liquid. There was no visual or olfactory indication of contamination in any of the soil samples, and PID readings were either non-detect or detected only trace amounts of organic compounds. The following table summarizes PID readings from each exterior boring (in parts per million) and the depth (in feet below ground surface) from which the deep soil samples were collected for laboratory analysis.

Soil Sample Depth (ft)	PID Reading (ppm)					
	Boring IW-2	Boring IW-5	Boring IW-9	Boring SB-1	Boring SB-2	Boring SB-3
0-2	0.3	0.5	0.3	0.3	0.4*	1.5
2-4	0.2	0.6*	0.8*	0.2* (Ref 2.7')	Ref 2'	0.5* (Ref 3.1')
4-6	0.2	Insuff. Rec.	Ref 5.5'	ns	ns	ns
6-8	0.2* (Ref 6.5')	Ref 6.8'	ns	ns	ns	ns

Ref – indicates refusal depth in feet (i.e. depth to top of bedrock)
* - indicates soil sample collected for analysis
ns- indicates no soil sample (below refusal depth)
Insuff. Rec. – indicates insufficient soil recovery for PID screening

It is noted that soil conditions were described by SWRNA field personnel generally as dry to moist, but no groundwater was directly observed above bedrock in any of the above soil borings.

B. Interior Soil Boring. One (1) soil boring was drilled inside the site building, in accordance with the Work Plan (SWRNA, April 2008). A hole was cored through the concrete floor, and a hand auger was used to collect samples continuously to a depth of 8 feet below the floor. The objective of this boring had been to reach the top

of bedrock, but the use of hand equipment, due to limited indoor work space, prevented sample collection beyond 8 feet below the floor. It is noted however, that the depth to bedrock in boring IB-1 is very likely to be very close to 8 feet below the floor based on the depth to bedrock encountered in other nearby soil borings. The depth to bedrock in boring IW-2, immediately outside the building west of boring IB-1, was 6.5 feet below ground surface. The depth to bedrock at SB-1, outside the building east of IB-1, was 2.7 feet.

PID readings for each soil interval sampled from boring IB-1 are summarized below:

Soil Sample Depth (ft)	PID Reading (ppm)
0.5 - 2	0.5
2 - 4	0.4
4 - 6	0.8
6 - 8	0.5

The sample from 4 to 6 feet below floor surface, with the highest PID reading, was collected for laboratory analysis (VOCs, SVOCs, metals, pesticides, PCBs).

All of the soil samples collected from boring IB-1 were saturated with groundwater. There was no visual or olfactory indication of contamination in either water or soil.

SOIL ANALYTICAL RESULTS

Laboratory analytical reports for the soil samples analyzed in April and May 2008 are included as Attachment 2. Tables 1 through 4 present analytical results for the soil samples collected from the six exterior and one interior soil boring. As indicated on the tables, only one soil boring – SB-1 east of the building within the asphalt pavement – produced soil samples that contained any target analytes above applicable commercial soil cleanup objectives (SCOs). The analytes detected above SCOs were polycyclic aromatic hydrocarbon (PAH) compounds, and were detected only in the surface soil sample from 0 to 2 inches below the pavement. None of the other surface soil samples, nor any of the deeper soil samples from any of the borings, contained any target analytes above commercial SCOs. In general the analytical results indicated that the target analytes were also below residential SCOs, except for sample SB-1.

It is noted that volatile organic compounds (VOCs) were not detected in any of the soil samples, except for methylene chloride, a common laboratory artifact that was detected in all thirteen (13) samples, and toluene, which was detected in only one soil sample (IW-9, surface soil), and well below the commercial SCO. The absence of VOCs is generally consistent with PID readings that indicated only traces of VOCs.

CONCLUSIONS

Soil borings completed at multiple representative locations at the site in April 2008, including below the site building, do not indicate evidence of contamination sources. PID readings were only marginally above detection limits from ground surface down to the top of bedrock, and analytical data for shallow (surface) and deep (top of bedrock) soil samples do not indicate the presence of contaminants above commercial SCOs, except for a single surface soil sample (0 to 2 inches) located within the asphalt pavement area that contained five PAHs above commercial SCOs.

The investigation findings also indicate that soil vapors issues below the building are unlikely, since analytical results and PID readings together indicate that VOCs exist only in trace amounts in the soil overlying bedrock. In addition, the soils in the boring below the building were saturated and apparently below the groundwater table.

Based on the findings of the soil investigation, no additional investigation for potential contaminant sources appears warranted. In addition, the findings indicate that there is no basis for remediation or engineering controls relative to site soils.

Very truly yours,
S&W REDEVELOPMENT OF NORTH AMERICA, LLC

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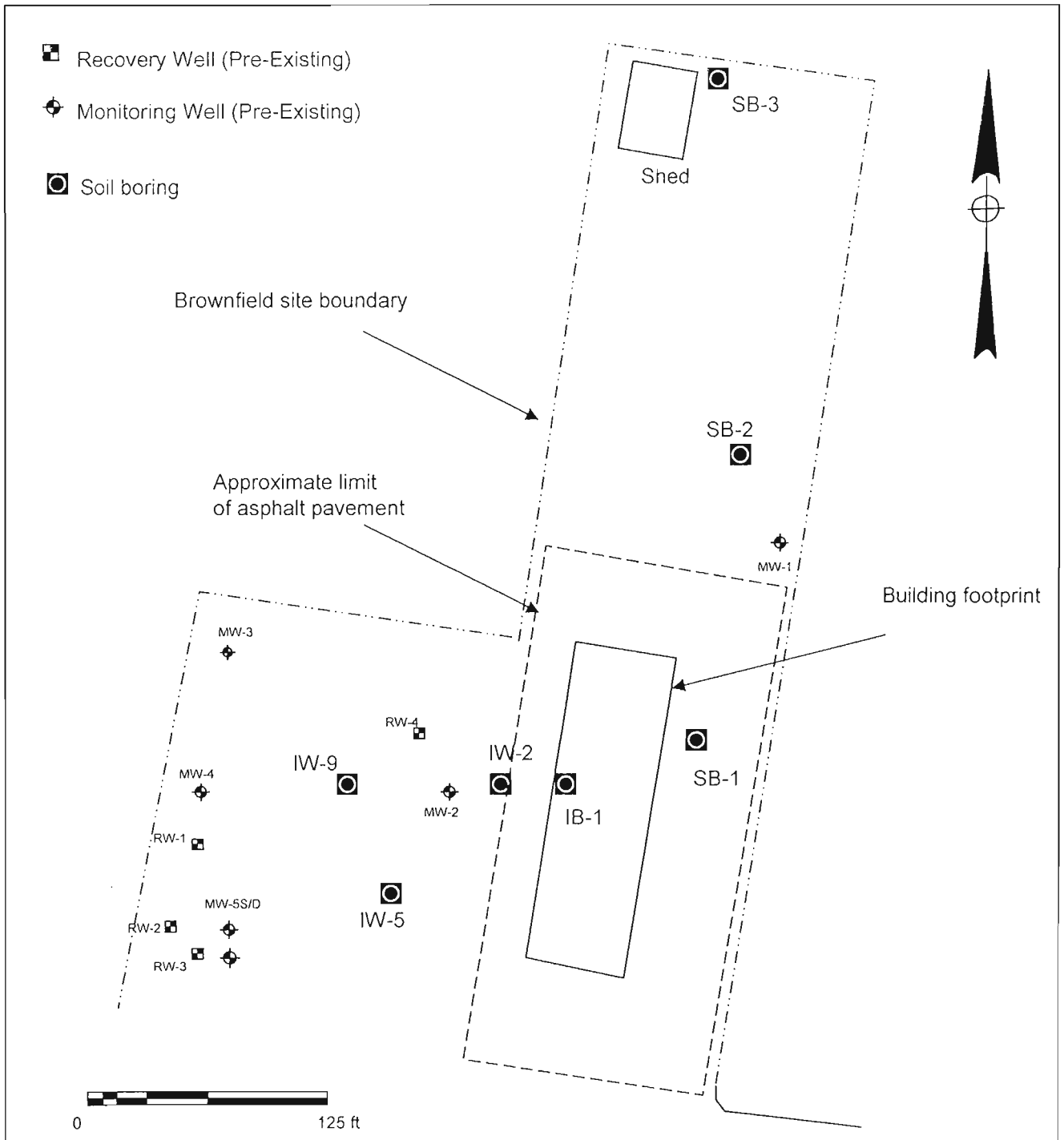
Figures



S&W Redevelopment

of North America, LLC
Syracuse, NY

FORMER GRIFFIN TECHNOLOGY SITE
FARMINGTON
ONTARIO COUNTY, NEW YORK

DATE: 5/2008 JOB No: B6003

Figure 1
Soil Sample Locations

Tables

Table 1. Former Griffin Technology Site. Soil Analytical Data Summary, VOCs.

Analyte (mg/Kg)	Commerical Soil Cleanup Objective (SCO)	IW-2‡ 0-2 in	IW-5‡ 0-2 in	IW-9‡ 0-2 in	SB-1‡ 0-2 in	SB-2‡ 0-2 in	SB-3‡ 0-2 in	IW-2‡ 6-8 ft	IW-5‡	IW-9‡	SB-1‡ 1-2 ft	SB-2‡ 1-2 ft	SB-3‡ 2-3 ft	IB-1‡
acetone	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	500	0.016 JB	0.0035 JB	0.0071 J	0.0058 J	0.0049 J	0.0047 J	0.011 JB	0.0052 JB	0.0039 J	0.0081 J	0.0072 J	0.0072 J	0.0004 JB
trichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	500	ND	ND	0.00099 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	390	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
total xylenes	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte (mg/Kg)	Commerical Soil Cleanup Objective (SCO)	SB-1* 6-8 ft	SB-2* 2-4 ft	SB-3* 4-5.4 ft	SB-4* 2-4 ft	SB-5* 0-2 ft	SB-5* 0-2 ft	SB-5* 2-4 ft	SB-5* 4-4.4 ft	SB-6* 4-4.1 ft	SB-7* 4-4.1 ft	SB-8* 2-3.4 ft	SB-9* 0-2 ft	SB-10* 0-2 ft	SB-11* 2-3.8 ft	SB-12* 0-2 ft	MW-1* 0-2 ft	MW-3* 0-2 ft
acetone	500	ND	ND	0.037	0.024	ND	ND	ND	ND	0.026	0.015	ND	ND	ND	ND	ND	ND	0.012
methylene chloride	500	0.028	0.008	0.23	0.097	0.098	0.097	0.019	0.087	0.096	0.1	0.033	0.14	0.083	ND	0.094	0.009	0.11
trichloroethene	200	0.09	0.13	0.27	0.069	0.031	0.048	0.11	0.85	0.27	ND	0.044	0.009	0.017	0.077	0.008	ND	ND
1,2-dichloroethene	500																	
toluene	500																	
ethylbenzene	390																	
total xylenes	500																	

Analyte (mg/Kg)	Commerical Soil Cleanup Objective (SCO)	BMW-4* 2-4 ft	MW-5D* 4-6 ft	EB-1* 0-2 ft	EB-1* 2-4 ft	EB-1* 4-6 ft	EB-1* 6-7 ft	EB-2* 0-2 ft	EB-2* 2-4 ft	EB-2* 3.3-4.1 ft	EB-3* 0-2 ft	EB-3* 2-4 ft	EB-3* 4-5.9 ft	EB-4* 1-2 ft	EB-4* 2-4 ft	EB-4* 4.5-6 ft	EB-4* 6-7.8 ft	EB-5* 1-2 ft
acetone	500	ND	ND															
methylene chloride	500	0.085	0.094	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	200	0.007	ND	ND	ND	0.006	0.016	0.034	0.022	0.031	ND	ND	ND	0.009	ND	ND	ND	4.2
1,2-dichloroethene	500			ND	ND	ND	ND	0.014	0.005	0.006	ND	ND	ND	ND	ND	ND	ND	ND
toluene	500			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	0.019	ND	ND
ethylbenzene	390			ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
total xylenes	500			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	0.003	ND	ND

Analyte (mg/Kg)	Commerical Soil Cleanup Objective (SCO)	EB-5* 2-4 ft	EB-5* 4.5-6 ft	EB-6* 1-2 ft	EB-6* 2-4 ft	EB-6* 4-5.3 ft	EB-7* 1-2 ft	EB-7* 2-4 ft	EB-7* 3.3-4.7 ft
acetone	500								
methylene chloride	500	ND	ND	0.004	ND	ND	ND	ND	ND
trichloroethene	200	0.220	0.200	0.240	0.018	0.058	0.019	0.005	0.014
1,2-dichloroethene	500	0.016	0.010	ND	ND	ND	ND	ND	ND
toluene	500	ND	ND	ND	ND	ND	0.021	ND	0.095
ethylbenzene	390	ND	ND	ND	ND	ND	ND	ND	0.003
total xylenes	500	ND	ND	ND	ND	ND	0.003	ND	0.018

‡ Samples collected in April 2008 by S&W Redevelopment

* Analytical data as provided by URS (1999): *Soil Investigation Report*; and BB&L (1991): *Phase II Investigation Report*.

ND = analyzed, but not detected above laboratory quantitation limit.

Table 3. Soil Sample Analysis Results, May 2008, Metals. Former Griffin Technology Site, Farmington, NY. BCP Site #C835008.

Metal (mg/Kg)	Commercial SCO	IW-2(0-2")	IW-2(6-8")	IW-9(0-2")	IW-9B (2-4')	IW-5S (0-2")	IW-5D (2-4')	SB-1(0-2")	SB-2(0-2")	SB-3(0-2")	SB-1(1-2')	SB-2(1-2')	SB-3(2-3')	IB-1 (8')
Silver	1,500	10.4 U	U	U	U	U	U	U	U	U	U	U	U	U
Aluminum		5320	13400	10800	9940	18300	14800	5810	3650	5500	9910	7360	6150	17100
Arsenic	16	2.5 J	3.9 J	3.9 J	2.2 J	5.5	4.4 J	4.1 J	2.8 J	3.4 J	3.2 J	9	3.6 J	5.9 J
Barium	400	30.9	107	64.1	58.3	110	99.2	35.7	25.5	47	39.8	58	37.7	133
Beryllium	590	0.34 J	0.72 J	U	U	0.81 J	0.64 J	0.32 J	0.25 J	0.34 J	0.46 J	0.38 J	0.29 J	0.82 J
Calcium		41600	32800	3010	4420	14300	66100	54000	81000	83100	1900	87200	74500	52900
Cadmium	9.3	U	U	U	U	U	U	U	U	U	U	U	U	U
Cobalt		3.1	8.7	6.7	5.4	11.8	8.6	3.2	3.2	4.4	4.2	14.7	5.6	14.6
Chromium	36	9.7	18	12.9	10.8	24	19	8.2	5.1	9.2	8.7	17	11.9	25.3
Copper	270	96	19.3	12.2	6.4	23.6	18.4	13.8	13.1	13.8	6.7 J	17.9	22.6	23.7
Iron		10300	20300	15300	12900	25900	20700	9940	7540	10500	11500	10900	12100	26900
Potassium		858	2560	1260	533	3540	4320	944	1170	1570	393	2490	1090	3800
Magnesium		21300	21900	3160	2600	10300	23200	28600	29100	36100	1580	26100	34400	17200
Manganese	10,000	343	537	476	297	624	501	367	345	459	209	1090	564	615
Mercury	2.8	1.4	U	0.031 J	0.022 J	0.023 J	U	0.063	0.019 J	0.016 J	0.026 J	0.093	0.029 J	U
Sodium		109 J	200	54.3 J	53.1 J	179 J	306	142 J	187 J	215	47.6 J	295	225	273
Nickel	310	8	21.2	13.1	10.1	24.9	19.1	8.4	7.9	11	9.8	24.9	14.1	30
Lead	1,000	48.1	9.3	15.8	13.4	12.6	8.8	46.9	9.1	12.3	9.1	20.3	9.3	10.9
Antimony		U	U	U	U	U	U	U	U	U	U	U	U	U
Selenium	1,500	U	1 J	U	U	U	U	1.2 J	U	1.3 J	1.6 J	U	U	U
Thallium		U	U	U	2.9 J	U	U	U	U	U	U	U	3.2 J	5.2 J
Vanadium		9.5	23.1	19.9	19.1	33.3	28.1	10.8	8	13.5	16	40.9	22.4	33.8
Zinc	10,000	127	53.3	52.3	49.9	63.1	51.8	70.4	40	77.1	34.9	128	116	67.2

Commercial SCO = Brownfield Soil Cleanup Objective for Restricted Commercial Use (6NYCRR Part 375-6.8(b)).
U = Below detection limit
J = Sample is greater than method detection limited, but below contract required detection limit

Table 4. Soil Sample Analysis Results, Pesticides/PCBs. Former Griffin Technology Site, Farmington, NY. BCP Site #C835008.

	Commercial SCO	IW-2(0-2")	IW-2(6-8")	IW-9(0-2")	IW-9B (2-4')	IW-5S (0-2")	IW-5D (2-4')	SB-1(0-2")	SB-2(0-2")	SB-3(0-2")	SB-1(1-2')	SB-2(1-2')	SB-3(2-3')	IB-1 (8')
PCBs (ug/Kg)														
Aroclor-1016		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1221		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1232	1,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1242	(Total PCBs)	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1248		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1254		U	U	U	U	U	U	150	U	U	U	U	U	U
Aroclor-1260		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1262		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1268		U	U	U	U	U	U	U	U	U	U	U	U	U
Pesticides (ug/Kg)														
Aldrin	680	U	U	U	U	U	U	U	U	U	U	U	U	U
alpha-BHC	3,400	U	U	U	U	U	U	U	U	U	U	U	U	U
beta-BHC	3,000	U	U	U	U	U	U	U	U	U	U	U	U	U
delta-BHC	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
gamma-BHC(Lindane)	9,200	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlordane	24,000	U	U	U	U	U	U	U	U	U	U	U	U	U
4,4'-DDD	92,000	U	U	U	U	U	U	U	U	U	U	U	U	U
4,4'-DDE	62,000	U	U	U	U	U	U	U	U	U	U	U	U	U
4,4'-DDT	47,000	U	U	U	U	U	U		U	U	U	U	U	U
Dieldrin	1,400	U	U	U	U	U	U	U	U	U	U	U	U	U
EndosulfanI	200,000	U	U	U	U	U	U	U	U	U	U	U	U	U
EndosulfanII	200,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Endosulfansulfate	200,000	U	U	U	U	U	U	43 P*	U	U	U	U	U	U
Endrin	89,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Endrinaldehyde		12	U	U	U	U	U	11	U	U	U	U	U	U
Heptachlor	15,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Heptachlorepoxide		U	U	U	U	U	U	U	U	U	U	U	U	U
Toxaphene		U	U	U	U	U	U	U	U	U	U	U	U	U

Commercial SCO = Brownfield Soil Cleanup Objective for Restricted Commercial Use (6NYCRR Part 375-6.8(b)).
U = Below detection limit
J = Estimated value, below quantitation limit
P = for dual column analysis, the lowest quantitated concentrations on the two columns is greater than 40%
* = for dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference

Table 5. Former Griffin Technology Site. Groundwater Analytical Data Summary.

Well I.D	Date	trichloroethene	1,1,1-trichloroethane	cis-1,2-dichloroethene	Xylenes	Acetone	Vinyl chloride
Class GA Standard (µg/L)		5	5	5	5	50	2
MW-1	12/19/1994	ND	ND	ND	ND	ND	ND
	5/21/1996	ND	ND	ND	ND	ND	ND
	8/13/1997	ND	ND	ND	ND	ND	ND
	3/18/1998	ND	ND	ND	ND	ND	ND
	9/2/1998	ND	ND	ND	ND	ND	ND
	3/18/1999	ND	ND	ND	ND	ND	ND
	9/2/1999	ND	ND	ND	ND	ND	ND
	3/28/2000	ND	ND	ND	ND	ND	ND
	9/8/2000	ND	ND	ND	ND	ND	ND
	3/8/2001	ND	ND	ND	ND	ND	ND
	9/13/2001	ND	ND	ND	ND	ND	ND
	5/24/2002	ND	ND	ND	ND	ND	ND
	6/18/2003	ND	ND	ND	ND	ND	ND
	6/23/2004	ND	ND	ND	ND	ND	ND
	7/19/2005	ND	ND	ND	ND	ND	ND
	7/20/2006	ND	ND	ND	ND	ND	ND
	7/12/2007	ND	ND	ND	ND	ND	ND
MW-2S	12/19/1994	850	ND	ND	ND	ND	ND
	5/21/1996	30	ND	1	ND	ND	ND
	8/13/1997	DRY	DRY	DRY	DRY	DRY	DRY
	3/18/1998	17,000	ND	ND	ND	ND	ND
	9/2/1998	18,000	210	ND	ND	ND	ND
	3/18/1999	28	ND	ND	ND	ND	ND
	9/2/1999	DRY	DRY	DRY	DRY	DRY	DRY
	3/28/2000	6	ND	ND	ND	ND	ND
	9/8/2000	DRY	DRY	DRY	DRY	DRY	DRY
	3/8/2001	9	ND	ND	ND	ND	ND
	9/13/2001	DRY	DRY	DRY	DRY	DRY	DRY
	5/24/2002	4	ND	ND	ND	ND	ND
	6/18/2003	4	ND	ND	ND	ND	ND
	6/23/2004	130	2	ND	ND	ND	ND
	7/19/2005	DRY	DRY	DRY	DRY	DRY	DRY
	7/20/2006	2100	37	ND	ND	ND	ND
	7/12/2007	DRY	DRY	DRY	DRY	DRY	DRY
MW-2D	8/13/1997	450	23	42	ND	ND	ND
	3/18/1998	740	16	28	ND	ND	ND
	9/2/1998	680	25	39	ND	ND	ND
	3/18/1999	190	5	6	ND	ND	ND
MW-3	12/19/1994	190	ND	ND	ND	ND	ND
	5/21/1996	120	ND	2	ND	ND	ND
	8/13/1997	150	ND	2	ND	ND	ND
	3/18/1998	88	ND	ND	ND	ND	ND
	9/2/1998	110	ND	ND	ND	ND	ND
	3/18/1999	45	ND	ND	ND	ND	ND
	9/2/1999	170	ND	ND	ND	ND	ND
	3/28/2000	93	ND	ND	ND	ND	ND
	9/8/2000	150	ND	ND	ND	ND	ND
	3/8/2001	96	ND	ND	ND	ND	ND
	9/13/2001	120	ND	ND	ND	ND	ND
	5/24/2002	85	ND	ND	ND	ND	ND
	6/18/2003	40	ND	ND	ND	ND	ND
	6/23/2004	96	ND	ND	ND	ND	ND
	7/19/2005	100	ND	0.6	ND	ND	ND
	7/20/2006	60	ND	ND	ND	ND	ND
	7/12/2007	79	ND	0.5	ND	ND	ND

Data as reported in 2007 Annual Progress Report, URS
ND = non detect
All results in µg/L.

Table 5. Former Griffin Technology Site. Groundwater Analytical Data Summary.

Well I.D.	Date	trichloroethene	1,1,1-trichloroethane	cis-1,2-dichloroethene	Xylenes	Acetone	Vinyl chloride
Class GA Standard (µg/L)		5	5	5	5	50	2
MW-4	12/19/1994	710	6.7	23	ND	ND	ND
	5/21/1996	16	ND	2	ND	ND	ND
	8/13/1997	DRY	DRY	DRY	DRY	DRY	DRY
	3/18/1998	59	ND	2	ND	ND	ND
	9/2/1998	450	7	20	ND	ND	ND
	3/18/1999	58	ND	1	ND	ND	ND
	9/2/1999	DRY	DRY	DRY	DRY	DRY	DRY
	3/28/2000	9	ND	ND	ND	ND	ND
	9/8/2000	DRY	DRY	DRY	DRY	DRY	DRY
	3/8/2001	130	ND	2	ND	ND	ND
	9/13/2001	DRY	DRY	DRY	DRY	DRY	DRY
	5/24/2002	67	ND	1	ND	ND	ND
	6/18/2003	79	ND	ND	ND	ND	ND
	6/23/2004	75	ND	ND	ND	ND	ND
	7/19/2005	160	0.8	4	ND	ND	ND
	7/20/2006	170	1.4	5.9	ND	ND	ND
	7/12/2007	180	1.1	5	ND	ND	ND
MW-5S	12/19/1994	580	15	ND	ND	ND	ND
	5/21/1996	350	16	ND	ND	ND	ND
	8/13/1997	760	31	4	ND	ND	ND
	3/18/1998	120	4	ND	1	ND	ND
	9/2/1998	390	14	ND	ND	ND	ND
	3/18/1999	95	3	ND	ND	ND	ND
	9/2/1999	DRY	DRY	DRY	DRY	DRY	DRY
	3/28/2000	140	4	ND	ND	ND	ND
	9/8/2000	550	22	ND	ND	ND	ND
	3/8/2001	330	9	ND	ND	ND	ND
	9/13/2001	DRY	DRY	DRY	DRY	DRY	DRY
	5/24/2002	59	1	ND	ND	ND	ND
	6/18/2003	66	2	ND	ND	ND	ND
	6/23/2004	120	2	ND	ND	ND	ND
	7/19/2005	200	6	0.5	ND	ND	ND
	7/20/2006	96	2.6	ND	ND	ND	ND
	7/12/2007	180	5.4	0.33	ND	ND	ND
MW-5D	12/19/1994	820	23	ND	ND	ND	ND
	5/21/1996	1,000	48	8	ND	ND	ND
	8/13/1997	250	7	2	ND	ND	ND
	3/18/1998	250	7	ND	ND	ND	ND
	9/2/1998	300	8	2	ND	ND	ND
	3/18/1999	200	7	2	ND	ND	ND
	9/2/1999	220	6	2	ND	ND	ND
	3/28/2000	190	4	ND	ND	ND	ND
	9/8/2000	160	3	ND	ND	ND	ND
	3/8/2001	160	3	ND	ND	ND	ND
	9/13/2001	120	3	ND	ND	ND	ND
	5/24/2002	160	4	ND	ND	ND	ND
	6/18/2003	110	3	ND	ND	ND	ND
	6/23/2004	130	3	ND	ND	ND	ND
	7/19/2005	77	2	0.9	ND	ND	ND
	7/20/2006	71	1.6	0.92	ND	ND	ND
	7/12/2007	69	1.8	0.8	ND	ND	ND
Maximum		18,000	210	42	5	50	2
Minimum		4	0.8	0.33	1	50	2
Number of detections		78	45	31	2	1	1
Number of dry events		12	12	12	12	12	12
Number of non-detects		17	50	64	93	94	94
Detection frequency		82%	47%	33%	2%	1%	1%

Data as reported in 2007 Annual Progress Report, URS
ND = non detect
All results in µg/L.

Attachment 1
Human Health
Exposure Assessment

SECTION 1 - INTRODUCTION

This qualitative Human Health Exposure Assessment identifies complete and potentially complete exposure pathways in connection with the property located at 6132 Victor Manchester Road in Ontario County, New York (Figure 1 - the *site*). The site is owned by SW Victor Manchester, LLC (Applicant), and was accepted into the New York State Brownfield Cleanup Program (BCP) by the NYS Department of Environmental Conservation (NYSDEC). A Brownfield Cleanup Agreement (BCA) has been executed requiring the applicant, as a Volunteer, to mitigate potential exposure to site contaminants.

1.1 - NATURE AND EXTENT OF CONTAMINATION

Trichloroethene (TCE) and 1,1,1-trichloroethane (TCA) were believed to be present in wastewater that was released by the former property owner onto the ground outside the western door of the site building from approximately 1975 until 1986 (Figure 2). It is estimated that it is possible that approximately 490 gallons of waste was released in 5 gallon increments or less over that time (BB&L, July 1991).

The site was previously investigated by the former property owner, and the results indicate the contaminated wastewater evidently migrated downward through the soil in the release area and into the groundwater, where it subsequently migrated away from the release area, towards the southwest, in the direction of groundwater flow (Figure 3). Analytical data indicates that the groundwater contamination has naturally degraded since its release, based on the presence of dichloroethene (DCE) and vinyl chloride which are degradation products of TCE and TCA.

Samples of soil taken in the release area have detectable levels of contaminants, but all of the samples collected in the release area had contaminant levels below existing Part 375 soil cleanup objectives (SCOs) for unrestricted site use and for the protection of groundwater (BB&L, July 1991; URS/Woodward-Clyde, June 1999), except for one sample (SB-5) which had a minor exceedance for one compound (2.1 µg/Kg benzo(a)pyrene vs. 1 µg/Kg SCO).

Additional soil samples were collected by the Volunteer in April and May 2008, and indicated that only one of thirteen (13) soil samples analyzed contained any target

analytes above commercial SCOs. The sample in question was collected from 0 to 2 inches of soil below asphalt pavement, and contained several polycyclic aromatic hydrocarbons (PAHs) marginally above SCOs. In general the April/May 2008 analytical results indicated that the target analytes were also below residential SCOs, except for the aforementioned surface soil sample.

1.2 - Interim Remedial Measure

An Interim Remedial Measure (IRM) was implemented at the site as proposed in an Interim Remedial Work Plan (Woodward Clyde 1996), following NYSDEC approval. The IRM consisted of groundwater recovery and discharge to the local publicly owned treatment works (POTW) sanitary sewer. The IRM included collecting groundwater samples from monitoring wells located on and off-site semi-annually. Progress reports documenting the operation of the system, quantity of groundwater removed and groundwater monitoring results were submitted directly to the NYSDEC. As a result of several years of groundwater recovery system operation, the extent of groundwater contamination has diminished, although concentrations of the contaminants of concern still exceed Class GA groundwater quality standards.

Based on the groundwater analytical data, it appears that the recovery system may have reached its performance limits. An alternative groundwater remedy has been proposed by the Volunteer in a Interim Remedial Measure Work Plan (SWRNA, March 2008), which will target remaining contamination in the source area, to further reduce contaminant mass on site and thereby effect a reduction in contaminant levels downgradient of the site over time.

1.3 - Exposure Assessment Approach

The intent of entering this site into the BCP is to allow the site to be redeveloped for future commercial use, to the overall benefit of the local community. The RWP proposes a remedy that will support the intended future use. This qualitative Human Health Exposure Assessment identifies potential human receptors that may be potentially exposed to site related contamination, both on-site and off-site, under current conditions, and based on reasonably foreseeable and future conditions.

The presence of a contaminant does not necessarily create a risk of exposure. In order for a person to be exposed to a contaminant, there must also be: (1) receptor populations (humans) and (2) complete or potentially complete pathways of exposure between the receptor and the contaminant. If one of these is lacking, the contaminant does not represent a human health exposure risk.

The following qualitative exposure assessment identifies potentially sensitive human receptor populations for the site, plausible exposure scenarios, and specific contaminants of potential concern (COPCs).

SECTION 2 - RECEPTOR POPULATIONS

A receptor is a person who is or may be exposed to a contaminant at a point of exposure. The potential receptor population is dictated by land use factors in proximity to the site. There are no residential properties immediately adjacent to the site. The immediate neighboring properties are commercial, and within ½ mile of the site land use is also predominantly commercial. The closest residential properties are approximately ¼ mile north of the site, which is upgradient.

The site exists on a busy arterial (State Route 96) which serves as a primary commuter route between the cities of Canandaigua and Rochester. Although there is no sidewalk north of Route 96, where the site is located, there is nothing to prevent pedestrians from potentially traversing the site along the shoulder of the road. Occasional pedestrians are therefore considered potential on-site receptors under existing site conditions.

In its existing state, there is little to attract people to the site, but possible on-site receptors must also include trespassers who may occasionally traverse the site.

Future plans for this site include commercial business. In order to implement a redevelopment approach that minimizes future potential for on-site exposure, potential future receptors are identified. Employees and visitors/customers of any future business onsite are considered potential future on-site receptors. In addition, construction for future uses of this site may put adult construction workers engaged in soil excavation and soil removal in contact with potentially contaminated subsurface soil that might remain.

Off-site receptors are potentially exposed to site contamination that may migrate across the site boundaries. This possibility is driven by the extent of groundwater and soil vapor contamination that may exist relative to site-related sources. This will be addressed in the following section.

SECTION 3 - DETERMINATION OF EXPOSURE PATHWAYS

An exposure pathway describes the means by which an individual may be exposed to contaminants originating from the site and includes five elements:

1. a contaminant source;
2. contaminant release and transport mechanisms;
3. a point of exposure;
4. a route of exposure;
5. a receptor population.

For a contaminant to pose a potential health exposure risk, an exposure pathway must be either complete or judged to be *potentially* complete. An exposure pathway is complete if all five of the elements listed above are documented as being present. A *potential* exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future. During this assessment, both current and future potential exposure pathways to humans were considered based on the physical layout of the site and surrounding areas. Exposures were considered for the identified on-site and off-site human receptor populations.

3.1 - On-site Exposure Pathways

a. Existing Conditions. Under existing conditions, the most plausible exposure scenario by which on-site receptors may contact site contamination is by contact with potentially contaminated surface soil. Based on previous investigations, the main area of potential soil contamination at the site appears to be the area where contaminants were released immediately west of the site building. Only one sample collected in this area (SB-5, see Table 2) contained one analyte (a PAH) above commercial SCOs. This sample was collected below a paved area west of the site building.

Based on April/May 2008 soil sampling results, only one of thirteen soil samples contained more than one analyte above commercial SCOs. This sample was collected

from 0 to 2 inches below asphalt in a paved area east of the site building, and contained several PAHs above commercial SCOs. This finding indicates minimal potential for exposure to contaminated surface soil.

Pedestrians who traverse in front of the site along Route 96 are unlikely to come into direct contact with site soil. Trespassers traversing the site may occasionally contact surface soils, but the only two soil samples that contained analytes above SCOs were collected from below pavement. This pathway is considered incomplete.

Under existing conditions there is no potentially complete exposure path to subsurface soils.

Because there are no groundwater supply wells at the site, and none are known to exist on neighboring properties, there is no on-site exposure path relative to groundwater. The on-site groundwater exposure path is considered incomplete.

Contact with soil vapor may occur if the soil vapor enters into overlying buildings. Since the building is currently and in the foreseeable future will remain vacant, and is secured to prevent entry, there is no exposure relative to soil vapor under existing conditions. This exposure path is considered incomplete.

b. Future Conditions. As previously noted, the redevelopment objectives for this site include minimizing future exposure to potential site-related contamination. In order to implement a redevelopment plan that meets this objective, potential receptor populations are identified under reasonably foreseeable future conditions. Under future conditions, site occupants may potentially contact surface soil at the site. This population includes future employees, customers, and visitors to the site, including pedestrians and/or trespassers that may continue to occasionally traverse the site. This exposure path is considered potentially complete.

Future exposure to groundwater is a potentially complete path only if a supply well is installed on the premises. Since a municipal water supply is available, this future scenario is considered very unlikely, but for assessment purposes must be viewed as potentially complete.

Future exposure to groundwater on site may occur for construction and utility workers engaged in excavation and earth moving operations. This pathway is considered potentially complete.

Future exposure to soil vapor is potentially complete if the site building is re-occupied or if a new building is constructed and occupied.

3.2 - Offsite Exposure Pathways

Off-site exposure under existing and future conditions relates to potential for site-related contaminants to migrate off site. Off-site migration potential for soil contamination is considered insignificant relative to the migration potential for groundwater and soil vapor. Off-site exposure scenarios consider contact with groundwater and soil vapor.

a. Existing Conditions. None of the neighboring residences or commercial properties in proximity to the site is known to utilize groundwater as a resource. A public water supply is currently available to local residences and businesses. The off-site groundwater exposure path is considered incomplete under existing conditions.

Off-site, the principal source of soil vapor contamination is contaminated groundwater that may migrate off-site. The potential for off-site exposure to soil vapors exists where off-site groundwater contamination is present. For residences west and/or north of the site the potential for soil vapor exposure is considered to be low, because groundwater migrates to the south/southwest (Figure 3). Potential exposure to soil vapors is considered higher southwest of the site, south of Route 96, where off-site groundwater contamination has been historically detected. The off-site soil vapor exposure path is considered potentially complete, primarily south/southwest of the site, where commercial properties are located.

b. Future Conditions. Future exposure to groundwater could occur in the event that a supply well is installed on a neighboring property near the site where groundwater contamination is present. This relates to properties south of Route 96, south/southwest of the site. Although this scenario is considered unlikely due to the availability of a municipal water supply, it is considered a potentially complete future pathway.

Future exposure to soil vapor is considered a potentially complete pathway, primarily south/southwest of the site where groundwater contamination is present.

SECTION 4 - CONTAMINANTS OF POTENTIAL CONCERN (COPCs)

Previous analytical results for soil and groundwater samples were compared to applicable standards and guidance values. For surface and subsurface soil, Commercial Soil Cleanup Objectives (SCOs) are provided for brownfield sites under 6 NYCRR Subpart 375-6, Table 375-6.8 (b). For groundwater, Class GA standards are provided in TOGS (1.1.1).

Soil analytical data are summarized on Tables 1 through 4, including results for VOCs, SVOCs, metals, and pesticides/PCBs, respectively. The analytical data are derived from soil samples taken during the April/May 2008 Supplemental Site Investigation, as well as soil samples collected during prior investigations as provided in the *Soil Investigation Report* (URS 1999), and the *Phase II Investigation Report* (BB&L, 1991). Surface soil is represented by six (6) samples that were taken at ground surface in April 2008, from zero to two inches. Soil samples taken below two inches deep represent subsurface soils.

Groundwater analytical data on Table 5 were derived from the *Interim Remedial Measure 2006 Annual Progress Report* (URS, November 2006), and include data from as far back as 1994 through 2006.

COPCs were identified based on the maximum detection above applicable standards, criteria, or guidance values (SCGs):

Surface Soil COPC	Groundwater COPC
Benzo(a)pyrene	Trichloroethene (TCE)
Benzo(a)anthracene	cis-1,2-dichloroethene (c-1,2DCE)
Benzo(b)fluoranthene	1,1,1-trichloroethane (111 TCA)
Indeno(1,2,3-cd)pyrene	
Dibenzo(a,h)anthracene	

For surface soil, the five PAHs indicated above were detected in samples collected immediately below asphalt in the paved area of the site. It is highly probably that these detections are influenced by compounds that exist in the pavement, and because the soil is covered by asphalt, the exposure pathway is considered incomplete. In addition, it is not likely that these compounds are related to a historical release of contaminants. Only the groundwater COPCs are retained for further consideration.

Because none of the subsurface soil samples contained contaminants above applicable Commercial SCOs, no COPCs are identified for subsurface soils.

No standards, criteria, or guidance values exist for soil vapor, so no specific COPCs are identified for soil vapor on that basis. However, since soil vapor contamination is linked to groundwater, the principal soil vapor COPCs are those identified for groundwater.

SECTION 5 - EXPOSURE ASSESSMENT

Existing analytical data, and the evaluation of potential receptors and exposure pathways, indicate that potentially complete exposure paths exist under the following scenarios:

Condition	Location	Exposure Medium	Exposure Path
Current	On site	Surface soil	Incomplete
		Subsurface soil	Incomplete
		Groundwater	Incomplete
		Soil vapor	Incomplete
	Off site	Surface soil	Incomplete
		Subsurface soil	Incomplete
		Groundwater	Incomplete
		Soil vapor	Potentially complete
Future	On site	Surface soil	Incomplete
		Subsurface soil	Incomplete
		Groundwater	Potentially complete
		Soil vapor	Potentially complete
	Off site	Surface soil	Incomplete
		Subsurface soil	Incomplete
		Groundwater	Potentially complete
		Soil vapor	Potentially complete

Note that more potentially complete exposure paths are identified under future conditions than exist under current conditions. This is because future exposure scenarios must consider a range of reasonably foreseeable circumstances, whereas only one current situation actually exists. The proposed redevelopment plan for the site will eliminate potentially complete on-site exposure paths under future conditions.

SECTION 6 - EXPOSURE EVALUATION CONCLUSIONS

6.1 - CURRENT EXPOSURE SCENARIOS

Under current land use conditions, one exposure pathway has been identified as *potentially complete*:

1) potential off-site contact with soil vapors (soil vapor intrusion)

6.2 - FUTURE EXPOSURE SCENARIOS

Under reasonably foreseen future land use conditions, the following four (4) pathways have been identified as *potentially complete*:

1) potential on-site contact with on-site groundwater;
2) potential on-site contact with soil vapors (soil vapor intrusion);
3) potential off-site contact with groundwater;
4) potential off-site contact with soil vapors (soil vapor intrusion);

An Interim Remedial Measures (IRM) Work Plan has been prepared and submitted to NYSDEC for review (SWRNA, March 2008), in accordance with the BCA, to address site contamination in groundwater in a manner that is protective of human health and the environment, consistent with the contemplated commercial end-use of the site. The Volunteer's objective is to implement the NYSDEC-approved remedy in 2008, to remediate the on-site contamination sources in groundwater and thereby minimize future on-site exposure risk.

REFERENCES

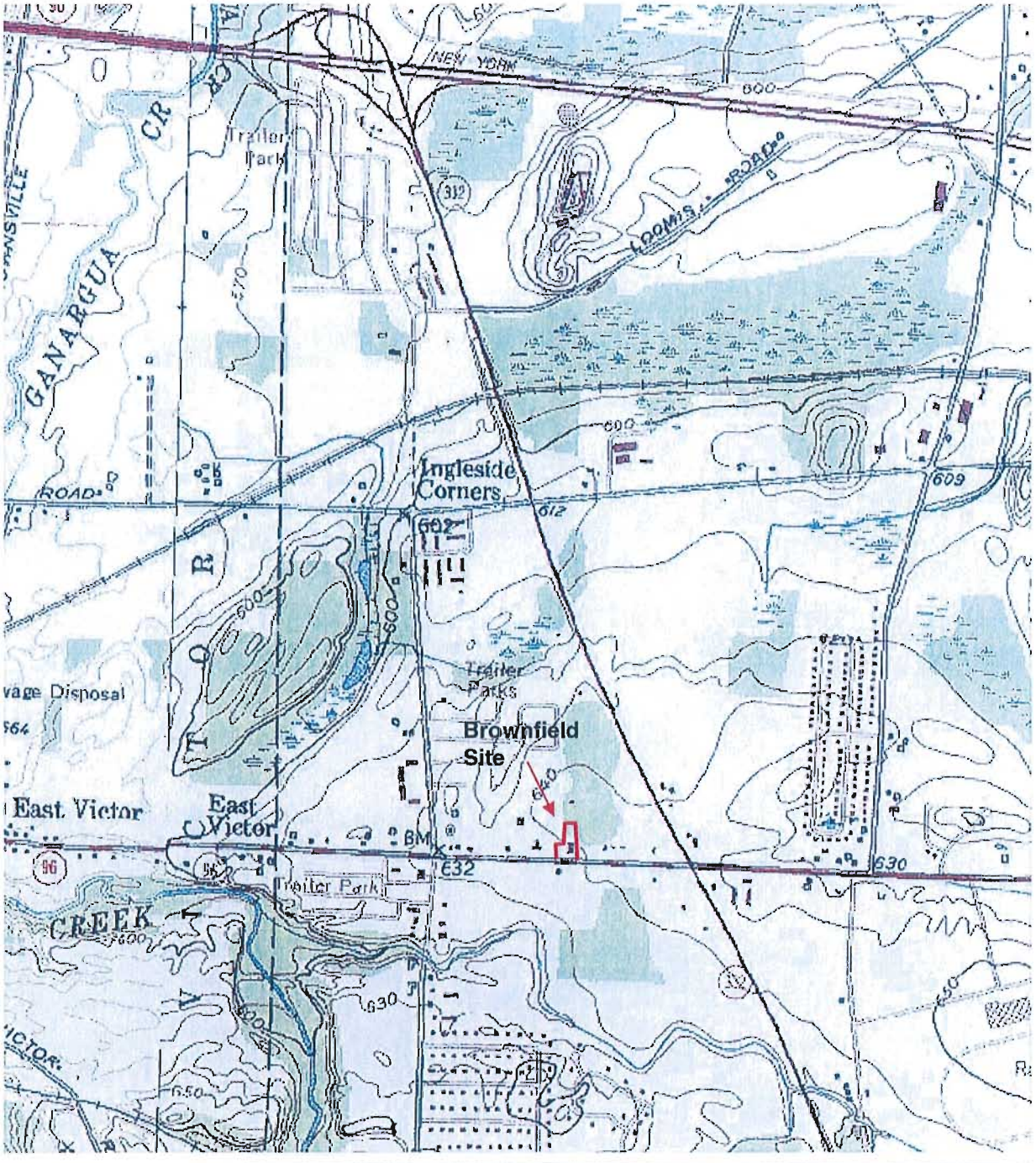
Blasland, Bouck & Lee, July 1991. *Phase II Investigation.*

Woodward-Clyde, July 1996. *Interim Remedial Measure Work Plan, Griffin Technology, Inc. Site.*

URS Greiner Woodward Clyde, Inc., June 25, 1999. *Soil Investigation Report.*

URS, November 2006. *Interim Remedial Measure Program, 2006 Annual Progress Report.*

S&W Redevelopment of North America, LLC. March 2008. *Interim Remedial Measure Work Plan, Former Griffin Technology Site.*

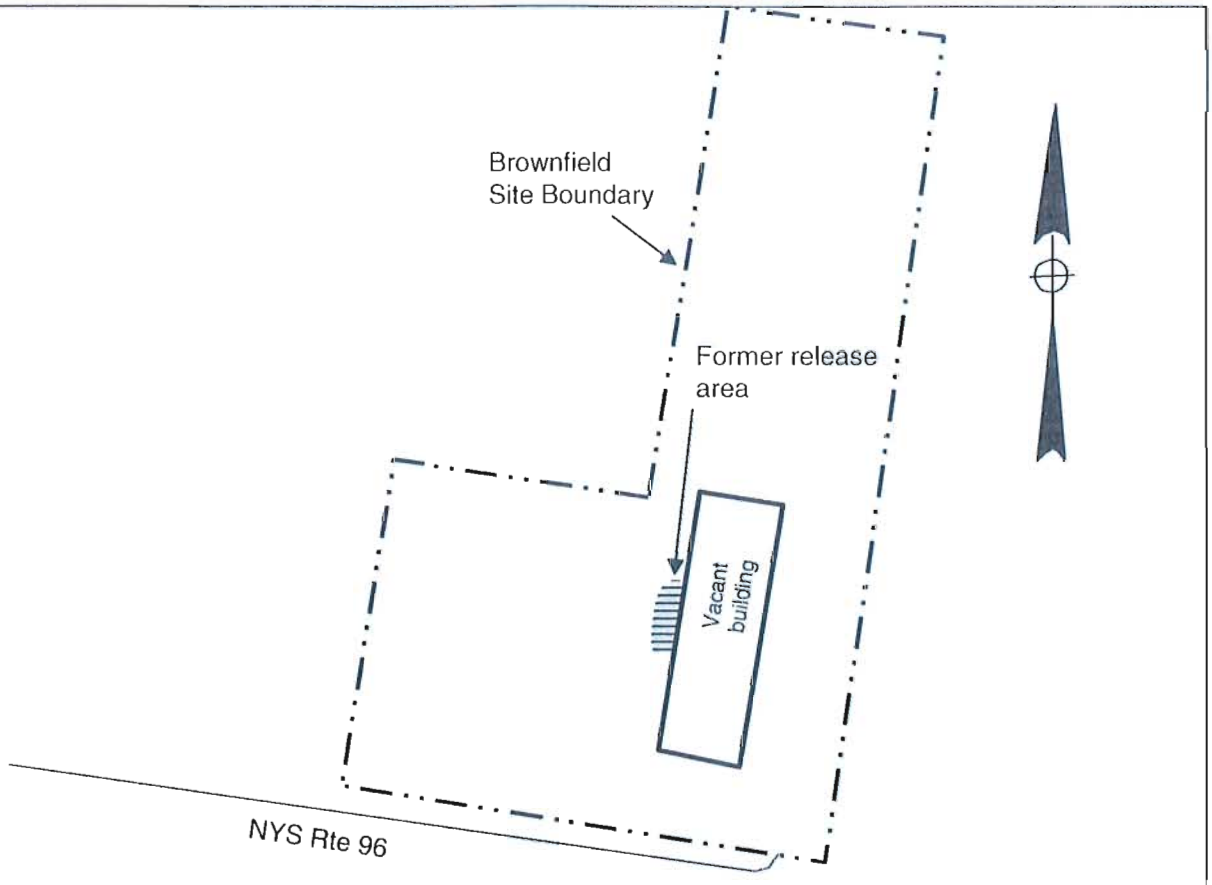


S&W REDEVELOPMENT

FORMER GRIFFIN TECHNOLOGY SITE
FARMINGTON
ONTARIO COUNTY, NEW YORK

Feb 2008 Proj No. B6003

FIGURE 1
SITE LOCATION

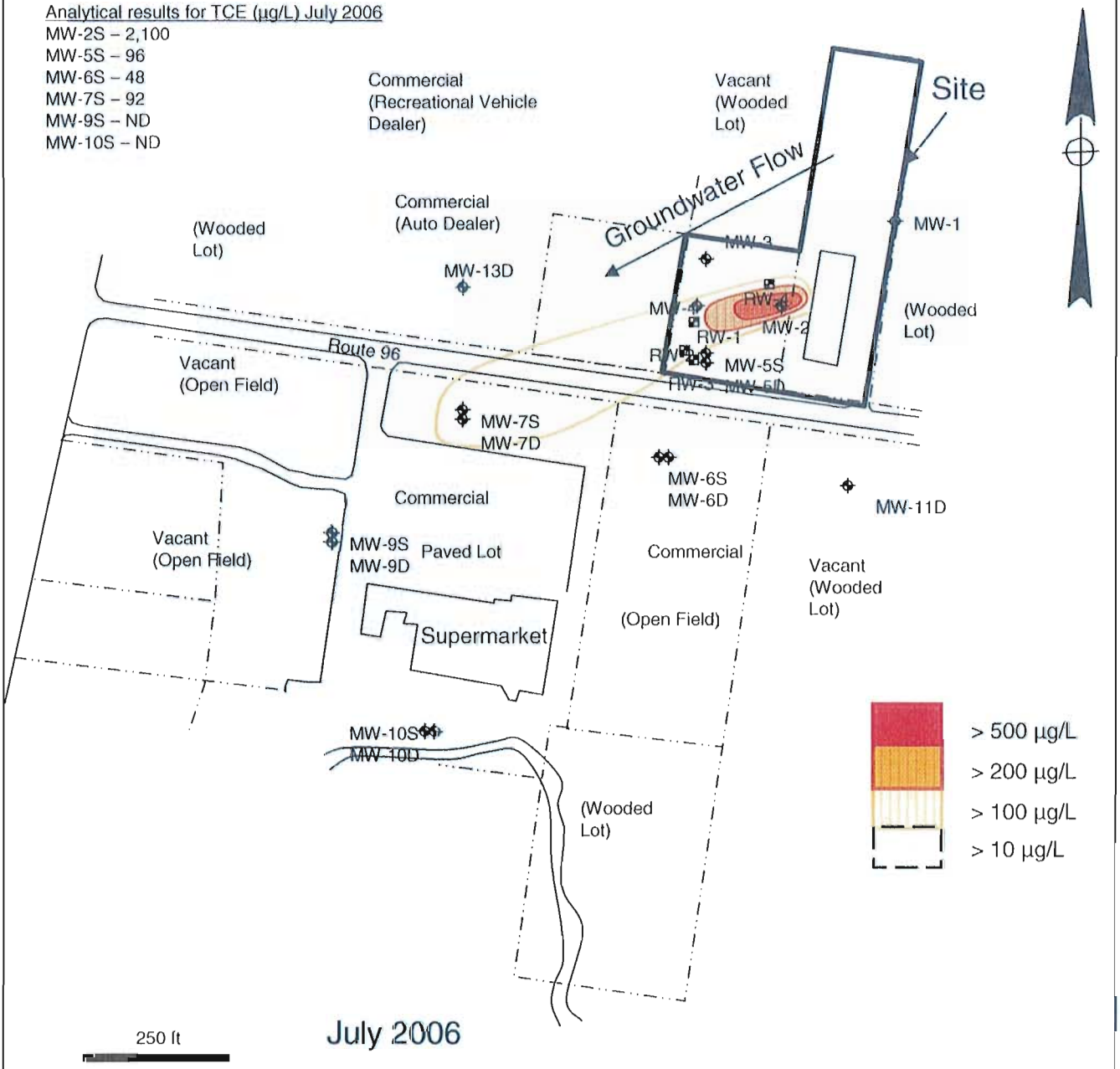


S&W
REDEVELOPMENT

FORMER GRIFFIN TECHNOLOGY SITE
FARMINGTON
ONTARIO COUNTY, NEW YORK

Feb 2008 Proj No. B6003

FIGURE 2
SITE LAYOUT



Analytical data for TCE as presented in Interim Remedial Measure 2006 Annual Progress Report (URS, November 2006).

S&W REDEVELOPMENT

FORMER GRIFFIN **TECHNOL**OGY SITE
FARMINGTON
ONTARIO COUNTY, NEW YORK

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FIGURE 3
NATURE AND EXTENT OF
GROUNDWATER CONTAMIANTION

Table 1. Soil Sample Analysis Results, May 2008, VOCs. Former Griffin Technology Site, Farmington, NY. BCP Site #C835008.

VOC (ug/Kg)	Commercial SCO	IW-2(0-2")	IW-2(6-8")	IW-9(0-2")	IW-9B (2-4')	IW-5S (0-2")	IW-5D (2-4')	SB-1(0-2")	SB-2(0-2")	SB-3(0-2")	SB-1(1-2')	SB-2(1-2')	SB-3(2-3')	IB-1 (8')
Acetone	500,000	U	3.2 J	7.4 J	3.5 J	U	U	U	U	U	U	U	U	7 J B
Benzene	44,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromodichloromethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Bromoform		U	U	U	U	U	U	U	U	U	U	U	U	U
Bromomethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Methyl Ethyl Ketone	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Carbon disulfide		U	U	U	U	U	U	U	U	U	U	U	U	U
Carbon tetrachloride	22,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlorobenzene	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroform	350,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloromethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Dibromochloromethane		U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	240,000	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	30,000	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloropropane		U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,3-Dichloropropene		U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,3-Dichloropropene		U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	390,000	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Hexanone		U	U	U	U	U	U	U	U	U	U	U	U	U
Methylene Chloride	500,000	16 J B	11 J B	7.1 J	3.9 J	3.5 JB	5.2 JB	5.8 J	4.9 J	4.7 J	8.1 J	7.2 J	7.2 J	4 J B
methyl isobutyl ketone		U	U	U	U	U	U	U	U	U	U	U	U	U
Styrene		U	U	U	U	U	U	U *	U *	U *	U *	U *	U *	U
1,1,2,2-Tetrachloroethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	150,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	500,000	U	U	0.99 J	U	U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,2-Trichloroethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	200,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Vinyl chloride	13,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Xylenes, Total	500,000	U	U	U	U	U	U	U *	U *	U *	U *	U *	U *	U
cis-1,2-Dichloroethene	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U

Commercial SCO = Brownfield Soil Cleanup Objective for Restricted Commercial Use (6NYCRR Part 375-6.8(b))

U = Below detection limit

J = Estimated value, below quantitation limit

B = detected in laboratory method blank

Table 2. Soil Sample Analysis Results, May 2008, SVOCs. Former Griffin Technology Site, Farmington, NY. BCP Site #C835008.

SVOC (ug/Kg)	Commercial SCO	IW-2(0-2")	IW-2(6-8")	IW-9(0-2")	IW-9B (2-4')	IW-5S (0-2")	IW-5D (2-4')	SB-1(0-2")	SB-2(0-2")	SB-3(0-2")	SB-1(1-2')	SB-2(1-2')	SB-3(2-3')	IB-1 (8')
Acenaphthene	500,000	U	U	U	U	U	U	550 J	U	U	U	U	U	U
Acenaphthylene	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Anthracene	500,000	65 J	U	U	U	U	U	1800	U	U	490	U	U	U
Benzo[a]anthracene	5,600	300 J	U	U	U	U	U	**6500**	54 J	U	960	U	U	U
Benzo[a]pyrene	1,000	340 J	U	56 J	U	U	U	**5900**	U	U	810	U	U	U
Benzo[b]fluoranthene	5,600	460	U	87 J	U	U	U	**7300**	U	U	1100	U	U	U
Benzo[g,h,i]perylene	500,000	570	U	U	U	270 J	U	5000	U	U	700	U	U	U
Benzo[k]fluoranthene	56,000	160 J	U	U	U	U	U	2900	U	U	450	U	U	U
Bis(2-chloroethoxy)methane		U	U	U	U	U	U	U	U	U	U	U	U	U
Bis(2-chloroethyl)ether		U	U	U	U	U	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl) phthalate		370	110 J	U	160 J	U	170 J	U	U	810	97 J	560	1100	U
Butyl benzyl phthalate		U	U	U	U	U	U	U	U	U	U	U	U	U
Carbazole		U	U	U	U	U	U	1200 J	U	U	100 J	U	U	U
Chrysene	56,000	370	U	U	U	U	U	7200	U	U	1000	U	U	U
Di-n-butyl phthalate		U	U	U	U	U	U	U	U	U	U	U	U	U
Di-n-octyl phthalate		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Bromophenyl phenyl ether		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Chloroaniline		U	U	U	U	U	U	U	U	U	U	U	U	U
2-Chloronaphthalene		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Chlorophenyl phenyl ether		U	U	U	U	U	U	U	U	U	U	U	U	U
Dibenz(a,h)anthracene	560	87 J	U	U	U	U	U	**1100** J	U	U	150 J	U	U	U
Dibenzofuran	350,000	U	U	U	U	U	U	330 J	U	U	U	U	U	U
Diethyl phthalate		U	U	U	U	U	U	U	U	U	U	U	U	U
Dimethyl phthalate		U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichlorobenzene		U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-Dichlorobenzene		U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-Dichlorobenzene		U	U	U	U	U	U	U	U	U	U	U	U	U
3,3'-Dichlorobenzidine		U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dinitrotoluene		U	U	U	U	U	U	U	U	U	U	U	U	U
2,6-Dinitrotoluene		U	U	U	U	U	U	U	U	U	U	U	U	U
Fluoranthene	500,000	570	U	120 J	U	U	U	15000	100 J	U	2200	U	U	U
Fluorene	500,000	U	U	U	U	U	U	640 J	U	U	95 J	U	U	U
Hexachlorobenzene		U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachlorobutadiene		U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachlorocyclopentadiene		U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachloroethane		U	U	U	U	U	U	U	U	U	U	U	U	U
Indeno[1,2,3-cd]pyrene	5,600	450	U	U	U	U	U	**5700**	U	U	730	U	U	U
Isophorone		U	U	U	U	U	U	U	U	U	U	U	U	U
2-Methylnaphthalene		U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Nitroaniline		U	U	U	U	U	U	U	U	U	U	U	U	U
3-Nitroaniline		U	U	U	U	U	U	U	U	U	U	U	U	U
Nitrobenzene		U	U	U	U	U	U	U	U	U	U	U	U	U
N-Nitrosodi-n-propylamine		U	U	U	U	U	U	U	U	U	U	U	U	U
N-Nitrosodiphenylamine		U	U	U	U	U	U	U	U	U	U	U	U	U
Phenanthrene	500,000	290 J	U	U	U	U	U	8600	U	U	1500	U	U	U
Pyrene	500,000	620	U	100 J	U	U	U	12000	95 J	U	2200	U	U	U
1,2,4-Trichlorobenzene		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Chloro-3-methylphenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2-Chlorophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2-Methylphenol		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Methylphenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dichlorophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dimethylphenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dinitrophenol		U	U	U	U	U	U	U *	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2-Nitrophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Nitrophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
Pentachlorophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
Phenol	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4,5-Trichlorophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U	U	U	U	U	U	U	U
Benzyl alcohol		U	U	U	U	U	U	U	U	U	U	U	U	U
4-Nitroaniline		U	U	U	U	U	U	U	U	U	U	U	U	U
2,2'-oxybis[1-chloropropane]		U	U	U	U	U	U	U	U	U	U	U	U	U

Commercial SCO = Brownfield Soil Cleanup Objective for Restricted Commercial Use (6NYCRR Part 375-6.8(b)).
U = Below detection limit
J = Estimated value, below quantitation limit
B = detected in laboratory method blank
BOLD indicates compound exceeds Commercial SCO

Table 3. Soil Sample Analysis Results, May 2008, Metals. Former Griffin Technology Site, Farmington, NY. BCP Site #C835008.

Metal (mg/Kg)	Commercial SCO	IW-2(0-2")	IW-2(6-8")	IW-9(0-2")	IW-9B (2-4')	IW-5S (0-2")	IW-5D (2-4')	SB-1(0-2")	SB-2(0-2")	SB-3(0-2")	SB-1(1-2')	SB-2(1-2')	SB-3(2-3')	IB-1 (8')
Silver	1,500	10.4	U	U	U	U	U	U	U	U	U	U	U	U
Aluminum		5320	13400	10800	9940	18300	14800	5810	3650	5500	9910	7360	6150	17100
Arsenic	16	2.5 J	3.9 J	3.9 J	2.2 J	5.5	4.4 J	4.1 J	2.8 J	3.4 J	3.2 J	9	3.6 J	5.9 J
Barium	400	30.9	107	64.1	58.3	110	99.2	35.7	25.5	47	39.8	58	37.7	133
Beryllium	590	0.34 J	0.72 J	U	U	0.81 J	0.64 J	0.32 J	0.25 J	0.34 J	0.46 J	0.38 J	0.29 J	0.82 J
Calcium		41600	32800	3010	4420	14300	66100	54000	81000	83100	1900	87200	74500	52900
Cadmium	9.3	U	U	U	U	U	U	U	U	U	U	U	U	U
Cobalt		3.1	8.7	6.7	5.4	11.8	8.6	3.2	3.2	4.4	4.2	14.7	5.6	14.6
Chromium	36	9.7	18	12.9	10.8	24	19	8.2	5.1	9.2	8.7	17	11.9	25.3
Copper	270	96	19.3	12.2	6.4	23.6	18.4	13.8	13.1	13.8	6.7 J	17.9	22.6	23.7
Iron		10300	20300	15300	12900	25900	20700	9940	7540	10500	11500	10900	12100	26900
Potassium		858	2560	1260	533	3540	4320	944	1170	1570	393	2490	1090	3800
Magnesium		21300	21900	3160	2600	10300	23200	28600	29100	36100	1580	26100	34400	17200
Manganese	10,000	343	537	476	297	624	501	367	345	459	209	1090	564	615
Mercury	2.8	1.4	U	0.031 J	0.022 J	0.023 J	U	0.063	0.019 J	0.016 J	0.026 J	0.093	0.029 J	U
Sodium		109 J	200	54.3 J	53.1 J	179 J	306	142 J	187 J	215	47.6 J	295	225	273
Nickel	310	8	21.2	13.1	10.1	24.9	19.1	8.4	7.9	11	9.8	24.9	14.1	30
Lead	1,000	48.1	9.3	15.8	13.4	12.6	8.8	46.9	9.1	12.3	9.1	20.3	9.3	10.9
Antimony		U	U	U	U	U	U	U	U	U	U	U	U	U
Selenium	1,500	U	1 J	U	U	U	U	1.2 J	U	1.3 J	1.6 J	U	U	U
Thallium		U	U	U	2.9 J	U	U	U	U	U	U	U	3.2 J	5.2 J
Vanadium		9.5	23.1	19.9	19.1	33.3	28.1	10.8	8	13.5	16	40.9	22.4	33.8
Zinc	10,000	127	53.3	52.3	49.9	63.1	51.8	70.4	40	77.1	34.9	128	116	67.2

Commercial SCO = Brownfield Soil Cleanup Objective for Restricted Commercial Use (6NYCRR Part 375-6.8(b)).
U = Below detection limit
J = Sample is greater than method detection limited, but below contract required detection limit

Table 4. Soil Sample Analysis Results, Pesticides/PCBs. Former Griffin Technology Site, Farmington, NY. BCP Site #C835008.

	Commercial SCO	IW-2(0-2")	IW-2(6-8")	IW-9(0-2")	IW-9B (2-4')	IW-5S (0-2")	IW-5D (2-4')	SB-1(0-2")	SB-2(0-2")	SB-3(0-2")	SB-1(1-2')	SB-2(1-2')	SB-3(2-3')	IB-1 (8')
PCBs (ug/Kg)														
Aroclor-1016		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1221		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1232	1,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1242	(Total PCBs)	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1248		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1254		U	U	U	U	U	U	150	U	U	U	U	U	U
Aroclor-1260		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1262		U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor-1268		U	U	U	U	U	U	U	U	U	U	U	U	U
Pesticides (ug/Kg)														
Aldrin	680	U	U	U	U	U	U	U	U	U	U	U	U	U
alpha-BHC	3,400	U	U	U	U	U	U	U	U	U	U	U	U	U
beta-BHC	3,000	U	U	U	U	U	U	U	U	U	U	U	U	U
delta-BHC	500,000	U	U	U	U	U	U	U	U	U	U	U	U	U
gamma-BHC(Lindane)	9,200	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlordane	24,000	U	U	U	U	U	U	U	U	U	U	U	U	U
4,4'-DDD	92,000	U	U	U	U	U	U	U	U	U	U	U	U	U
4,4'-DDE	62,000	U	U	U	U	U	U	U	U	U	U	U	U	U
4,4'-DDT	47,000	U	U	U	U	U	U		U	U	U	U	U	U
Dieldrin	1,400	U	U	U	U	U	U	U	U	U	U	U	U	U
EndosulfanI	200,000	U	U	U	U	U	U	U	U	U	U	U	U	U
EndosulfanII	200,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Endosulfansulfate	200,000	U	U	U	U	U	U	43 P*	U	U	U	U	U	U
Endrin	89,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Endrinaldehyde		12	U	U	U	U	U	11	U	U	U	U	U	U
Heptachlor	15,000	U	U	U	U	U	U	U	U	U	U	U	U	U
Heptachlorepoxide		U	U	U	U	U	U	U	U	U	U	U	U	U
Toxaphene		U	U	U	U	U	U	U	U	U	U	U	U	U

Commercial SCO = Brownfield Soil Cleanup Objective for Restricted Commercial Use (6NYCRR Part 375-6.8(b)).
U = Below detection limit
J = Estimated value, below quantitation limit
P = for dual column analysis, the lowest quantitated concentrations on the two columns is greater than 40%
* = for dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference

Attachment 2
Laboratory Analytical Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-4765-1

SDG Number: 220-4765

Job Description: Griffin/Diebold

For:
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Attention: Mr. Dan Ours

Designee for
Paul Hobart
Project Manager I
paul.hobart@testamericainc.com
05/01/2008

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Comments
No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The ICSA and ICSAB for batch 15269 exceeded the upper control limits for thallium. Thallium results were below the reporting limit (RL) for all samples.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

SAMPLE SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-4765-1	IW9A	Solid	04/15/2008 1050	04/18/2008 0925
220-4765-2	IW9B	Solid	04/15/2008 1100	04/18/2008 0925

METHOD SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CT	SW846 8260B	
Purge-and-Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL CT	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	TAL CT		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CT	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual Cold	TAL CT		SW846 7471A
SW846 8081 Pesticides/8082 PCBs	TAL EDI	SW846 8081/8082	

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8270C	Passarella, Danielle	DP
SW846 6010B	Petronchak, Nestor	NP
SW846 7471A	Voytek, Joseph F	JFV
EPA PercentMoisture	Capece, Bill	BC

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9A

Lab Sample ID: 220-4765-1
Client Matrix: Solid
% Moisture: 22.4

Date Sampled: 04/15/2008 1050
Date Received: 04/18/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/24/2008 1235
Date Prepared: 04/24/2008 1235

Analysis Batch: 220-15493

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3556.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	7.4	J	3.0	26
Benzene	6.4	U	0.92	6.4
Bromodichloromethane	6.4	U	0.84	6.4
Bromoform	6.4	U	2.2	6.4
Bromomethane	6.4	U	2.0	6.4
Methyl Ethyl Ketone	13	U	4.3	13
Carbon disulfide	6.4	U	0.68	6.4
Carbon tetrachloride	6.4	U	0.92	6.4
Chlorobenzene	6.4	U	1.1	6.4
Chloroethane	6.4	U	1.6	6.4
Chloroform	6.4	U	0.68	6.4
Chloromethane	6.4	U	1.3	6.4
Dibromochloromethane	6.4	U	1.4	6.4
1,1-Dichloroethane	6.4	U	0.84	6.4
1,2-Dichloroethane	6.4	U	1.4	6.4
1,1-Dichloroethene	6.4	U	1.0	6.4
1,2-Dichloropropane	6.4	U	1.3	6.4
cis-1,3-Dichloropropene	6.4	U	0.80	6.4
trans-1,3-Dichloropropene	6.4	U	1.4	6.4
Ethylbenzene	6.4	U	0.92	6.4
2-Hexanone	13	U	3.4	13
Methylene Chloride	7.1	J	1.8	26
methyl isobutyl ketone	6.4	U	1.2	6.4
Styrene	6.4	U	1.7	6.4
1,1,2,2-Tetrachloroethane	6.4	U	1.3	6.4
Tetrachloroethene	6.4	U	0.95	6.4
Toluene	0.99	J	0.76	6.4
1,1,1-Trichloroethane	6.4	U	0.94	6.4
1,1,2-Trichloroethane	6.4	U	1.1	6.4
Trichloroethene	6.4	U	1.3	6.4
Vinyl chloride	6.4	U	1.7	6.4
Xylenes, Total	6.4	U	3.1	6.4
cis-1,2-Dichloroethene	6.4	U	1.2	6.4
trans-1,2-Dichloroethene	6.4	U	1.2	6.4

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	49 - 134
4-Bromofluorobenzene	111	36 - 133
Dibromofluoromethane	100	60 - 130
Toluene-d8 (Surr)	116	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9B

Lab Sample ID: 220-4765-2
Client Matrix: Solid

% Moisture: 18.9

Date Sampled: 04/15/2008 1100
Date Received: 04/18/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/24/2008 1300
Date Prepared: 04/24/2008 1300

Analysis Batch: 220-15493

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3557.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	3.5	J	2.9	25
Benzene	6.2	U	0.88	6.2
Bromodichloromethane	6.2	U	0.80	6.2
Bromoform	6.2	U	2.1	6.2
Bromomethane	6.2	U	1.9	6.2
Methyl Ethyl Ketone	12	U	4.1	12
Carbon disulfide	6.2	U	0.65	6.2
Carbon tetrachloride	6.2	U	0.88	6.2
Chlorobenzene	6.2	U	1.1	6.2
Chloroethane	6.2	U	1.6	6.2
Chloroform	6.2	U	0.65	6.2
Chloromethane	6.2	U	1.2	6.2
Dibromochloromethane	6.2	U	1.3	6.2
1,1-Dichloroethane	6.2	U	0.80	6.2
1,2-Dichloroethane	6.2	U	1.3	6.2
1,1-Dichloroethene	6.2	U	0.97	6.2
1,2-Dichloropropane	6.2	U	1.2	6.2
cis-1,3-Dichloropropene	6.2	U	0.76	6.2
trans-1,3-Dichloropropene	6.2	U	1.3	6.2
Ethylbenzene	6.2	U	0.88	6.2
2-Hexanone	12	U	3.3	12
Methylene Chloride	3.9	J	1.7	25
methyl isobutyl ketone	6.2	U	1.2	6.2
Styrene	6.2	U	1.6	6.2
1,1,2,2-Tetrachloroethane	6.2	U	1.3	6.2
Tetrachloroethene	6.2	U	0.91	6.2
Toluene	6.2	U	0.73	6.2
1,1,1-Trichloroethane	6.2	U	0.90	6.2
1,1,2-Trichloroethane	6.2	U	1.1	6.2
Trichloroethene	6.2	U	1.2	6.2
Vinyl chloride	6.2	U	1.6	6.2
Xylenes, Total	6.2	U	3.0	6.2
cis-1,2-Dichloroethene	6.2	U	1.1	6.2
trans-1,2-Dichloroethene	6.2	U	1.2	6.2

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71	49 - 134
4-Bromofluorobenzene	60	36 - 133
Dibromofluoromethane	80	60 - 130
Toluene-d8 (Surr)	84	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9A

Lab Sample ID: 220-4765-1
Client Matrix: Solid
% Moisture: 22.4
Date Sampled: 04/15/2008 1050
Date Received: 04/18/2008 0925

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 04/22/2008 2209
Date Prepared: 04/21/2008 1654
Analysis Batch: 220-15304
Prep Batch: 220-15263
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5020.D
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		420	U	75	420
Acenaphthylene		420	U	79	420
Anthracene		420	U	77	420
Benzo[a]anthracene		420	U	64	420
Benzo[a]pyrene		56	J	48	420
Benzo[b]fluoranthene		87	J	62	420
Benzo[g,h,i]perylene		420	U	49	420
Benzo[k]fluoranthene		420	U	55	420
Bis(2-chloroethoxy)methane		420	U	71	420
Bis(2-chloroethyl)ether		420	U	98	420
Bis(2-ethylhexyl) phthalate		420	U	69	420
Butyl benzyl phthalate		420	U	70	420
Carbazole		420	U	69	420
Chrysene		420	U	73	420
Di-n-butyl phthalate		420	U	81	420
Di-n-octyl phthalate		420	U	61	420
4-Bromophenyl phenyl ether		420	U	64	420
4-Chloroaniline		420	U	56	420
2-Chloronaphthalene		420	U	74	420
4-Chlorophenyl phenyl ether		420	U	73	420
Dibenz(a,h)anthracene		420	U	44	420
Dibenzofuran		420	U	76	420
Diethyl phthalate		420	U	80	420
Dimethyl phthalate		420	U	73	420
1,2-Dichlorobenzene		420	U	69	420
1,3-Dichlorobenzene		420	U	58	420
1,4-Dichlorobenzene		420	U	74	420
3,3'-Dichlorobenzidine		850	U	71	850
2,4-Dinitrotoluene		420	U	66	420
2,6-Dinitrotoluene		420	U	57	420
Fluoranthene		120	J	77	420
Fluorene		420	U	79	420
Hexachlorobenzene		420	U	83	420
Hexachlorobutadiene		420	U	74	420
Hexachlorocyclopentadiene		420	U	60	420
Hexachloroethane		420	U	67	420
Indeno[1,2,3-cd]pyrene		420	U	47	420
Isophorone		420	U	79	420
2-Methylnaphthalene		420	U	79	420
Naphthalene		420	U	76	420
2-Nitroaniline		2100	U	68	2100
3-Nitroaniline		2100	U	65	2100
Nitrobenzene		420	U	84	420
N-Nitrosodi-n-propylamine		420	U	86	420

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9A

Lab Sample ID: 220-4765-1
Client Matrix: Solid
% Moisture: 22.4
Date Sampled: 04/15/2008 1050
Date Received: 04/18/2008 0925

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 04/22/2008 2209
Date Prepared: 04/21/2008 1654
Analysis Batch: 220-15304
Prep Batch: 220-15263
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5020.D
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	420	U	70	420
Phenanthrene	420	U	75	420
Pyrene	100	J	85	420
1,2,4-Trichlorobenzene	420	U	70	420
4-Chloro-3-methylphenol	420	U	62	420
2-Chlorophenol	420	U	78	420
2-Methylphenol	420	U	63	420
4-Methylphenol	420	U	83	420
2,4-Dichlorophenol	420	U	72	420
2,4-Dimethylphenol	420	U	56	420
2,4-Dinitrophenol	2100	U	280	2100
4,6-Dinitro-2-methylphenol	2100	U	31	2100
2-Nitrophenol	420	U	61	420
4-Nitrophenol	2100	U	77	2100
Pentachlorophenol	2100	U	43	2100
Phenol	420	U	71	420
2,4,5-Trichlorophenol	2100	U	64	2100
2,4,6-Trichlorophenol	420	U	70	420
Benzyl alcohol	420	U	60	420
4-Nitroaniline	850	U	65	850
2,2'-oxybis[1-chloropropane]	420	U	82	420

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	50	32 - 131
2-Fluorophenol	46	25 - 113
2,4,6-Tribromophenol	67	24 - 150
Nitrobenzene-d5	46	25 - 120
Phenol-d5	50	27 - 122
Terphenyl-d14	72	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9B

Lab Sample ID: 220-4765-2
Client Matrix: Solid

% Moisture: 18.9

Date Sampled: 04/15/2008 1100
Date Received: 04/18/2008 0925

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 04/22/2008 2319
Date Prepared: 04/21/2008 1654

Analysis Batch: 220-15304
Prep Batch: 220-15263

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5023.D
Initial Weight/Volume: 15.41 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene	400	U	70	400
Acenaphthylene	400	U	74	400
Anthracene	400	U	72	400
Benzo[a]anthracene	400	U	60	400
Benzo[a]pyrene	400	U	45	400
Benzo[b]fluoranthene	400	U	58	400
Benzo[g,h,i]perylene	400	U	46	400
Benzo[k]fluoranthene	400	U	52	400
Bis(2-chloroethoxy)methane	400	U	67	400
Bis(2-chloroethyl)ether	400	U	91	400
Bis(2-ethylhexyl) phthalate	160	J	64	400
Butyl benzyl phthalate	400	U	66	400
Carbazole	400	U	64	400
Chrysene	400	U	69	400
Di-n-butyl phthalate	400	U	76	400
Di-n-octyl phthalate	400	U	57	400
4-Bromophenyl phenyl ether	400	U	60	400
4-Chloroaniline	400	U	53	400
2-Chloronaphthalene	400	U	69	400
4-Chlorophenyl phenyl ether	400	U	69	400
Dibenz(a,h)anthracene	400	U	41	400
Dibenzofuran	400	U	71	400
Diethyl phthalate	400	U	75	400
Dimethyl phthalate	400	U	69	400
1,2-Dichlorobenzene	400	U	65	400
1,3-Dichlorobenzene	400	U	54	400
1,4-Dichlorobenzene	400	U	70	400
3,3'-Dichlorobenzidine	790	U	67	790
2,4-Dinitrotoluene	400	U	61	400
2,6-Dinitrotoluene	400	U	54	400
Fluoranthene	400	U	72	400
Fluorene	400	U	74	400
Hexachlorobenzene	400	U	77	400
Hexachlorobutadiene	400	U	69	400
Hexachlorocyclopentadiene	400	U	56	400
Hexachloroethane	400	U	63	400
Indeno[1,2,3-cd]pyrene	400	U	44	400
Isophorone	400	U	74	400
2-Methylnaphthalene	400	U	74	400
Naphthalene	400	U	71	400
2-Nitroaniline	1900	U	64	1900
3-Nitroaniline	1900	U	61	1900
Nitrobenzene	400	U	79	400
N-Nitrosodi-n-propylamine	400	U	80	400

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9B

Lab Sample ID: 220-4765-2
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 04/15/2008 1100
Date Received: 04/18/2008 0925

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 04/22/2008 2319
Date Prepared: 04/21/2008 1654
Analysis Batch: 220-15304
Prep Batch: 220-15263
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5023.D
Initial Weight/Volume: 15.41 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		400	U	65	400
Phenanthrene		400	U	70	400
Pyrene		400	U	80	400
1,2,4-Trichlorobenzene		400	U	66	400
4-Chloro-3-methylphenol		400	U	58	400
2-Chlorophenol		400	U	73	400
2-Methylphenol		400	U	59	400
4-Methylphenol		400	U	77	400
2,4-Dichlorophenol		400	U	67	400
2,4-Dimethylphenol		400	U	53	400
2,4-Dinitrophenol		1900	U	260	1900
4,6-Dinitro-2-methylphenol		1900	U	29	1900
2-Nitrophenol		400	U	57	400
4-Nitrophenol		1900	U	72	1900
Pentachlorophenol		1900	U	40	1900
Phenol		400	U	66	400
2,4,5-Trichlorophenol		1900	U	59	1900
2,4,6-Trichlorophenol		400	U	65	400
Benzyl alcohol		400	U	56	400
4-Nitroaniline		790	U	61	790
2,2'-oxybis[1-chloropropane]		400	U	77	400

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	32 - 131
2-Fluorophenol	56	25 - 113
2,4,6-Tribromophenol	57	24 - 150
Nitrobenzene-d5	56	25 - 120
Phenol-d5	58	27 - 122
Terphenyl-d14	63	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9A

Lab Sample ID: 220-4765-1
Client Matrix: Solid
% Moisture: 22.4
Date Sampled: 04/15/2008 1050
Date Received: 04/18/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 04/21/2008 1748
Date Prepared: 04/18/2008 1335
Analysis Batch: 220-15269
Prep Batch: 220-15218
Instrument ID: TJA Trace ICAP
Lab File ID: W042108
Initial Weight/Volume: 1.18 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.1	U	0.41	4.1
Aluminum		10800		12.6	137
Arsenic		3.9	J	1.9	6.8
Barium		64.1		0.30	2.7
Beryllium		1.9	U	0.63	1.9
Calcium		3010		16.9	273
Cadmium		6.8	U	1.3	6.8
Cobalt		6.7		0.71	2.7
Chromium		12.9		0.46	4.1
Copper		12.2		0.60	6.8
Iron		15300		13.4	81.9
Potassium		1260		32.8	273
Magnesium		3160		8.5	47.8
Manganese		476		0.90	8.2
Sodium		54.3	J	25.9	273
Nickel		13.1		0.60	6.8
Lead		15.8		1.1	6.8
Antimony		13.7	U	1.9	13.7
Selenium		13.7	U	2.2	13.7
Thallium		9.6	U	3.0	9.6
Vanadium		19.9		0.44	5.5
Zinc		52.3		3.0	27.3

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 04/22/2008 1201
Date Prepared: 04/21/2008 1631
Analysis Batch: 220-15278
Prep Batch: 220-15261
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.61 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.031	J	0.019	0.063

Client: S & W Redevelopment LLC

Job Number: 220-4765-1
Sdg Number: 220-4765

Client Sample ID: IW9B

Lab Sample ID: 220-4765-2
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 04/15/2008 1100
Date Received: 04/18/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 04/21/2008 1739
Date Prepared: 04/18/2008 1335
Analysis Batch: 220-15269
Prep Batch: 220-15218
Instrument ID: TJA Trace ICAP
Lab File ID: W042108
Initial Weight/Volume: 1.42 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.3	U	0.33	3.3
Aluminum		9940		10	109
Arsenic		2.2	J	1.5	5.4
Barium		58.3		0.24	2.2
Beryllium		1.5	U	0.50	1.5
Calcium		4420		13.5	217
Cadmium		5.4	U	1.0	5.4
Cobalt		5.4		0.56	2.2
Chromium		10.8		0.37	3.3
Copper		6.4		0.48	5.4
Iron		12900		10.6	65.1
Potassium		533		26.1	217
Magnesium		2600		6.7	38.0
Manganese		297		0.72	6.5
Sodium		53.1	J	20.6	217
Nickel		10.1		0.48	5.4
Lead		13.4		0.91	5.4
Antimony		10.9	U	1.5	10.9
Selenium		10.9	U	1.8	10.9
Thallium		2.9	J	2.4	7.6
Vanadium		19.1		0.35	4.3
Zinc		49.9		2.4	21.7

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 04/22/2008 1204
Date Prepared: 04/21/2008 1631
Analysis Batch: 220-15278
Prep Batch: 220-15261
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.62 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	J	0.018	0.060

General Chemistry

Client Sample ID: IW9A

Lab Sample ID: 220-4765-1
Client Matrix: Solid

Date Sampled: 04/15/2008 1050
Date Received: 04/18/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	22.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15224		Date Analyzed	04/18/2008 1510			
Percent Solids	77.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15224		Date Analyzed	04/18/2008 1510			

Client Sample ID: IW9B

Lab Sample ID: 220-4765-2
Client Matrix: Solid

Date Sampled: 04/15/2008 1100
Date Received: 04/18/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.9		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15224		Date Analyzed	04/18/2008 1510			
Percent Solids	81.1		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15224		Date Analyzed	04/18/2008 1510			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-4825-1

SDG Number: 220-4825

Job Description: Griffin

For:
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Attention: Mr. Dan Ours

Designee for
Paul Hobart
Project Manager I
paul.hobart@testamericainc.com
05/08/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Case Narrative for Job: 220-4825-1

Client: S & W Redevelopment LLC
Date: May 8, 2008

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Lawrence Decker
Laboratory Director

May 8, 2008
Date

Job Narrative
220-J4825-1

Comments
No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The ICSA and ICSAB for batch 15637 exceeded the acceptance limits for calcium, cadmium and thallium.

Method(s) 6010B: The laboratory control standard (LCS) for preparation batch 15439 exceeded control limits for sodium and potassium.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-4825-1	IW5S	Solid	04/23/2008 1552	04/26/2008 1331
220-4825-2	IW5D	Solid	04/23/2008 1558	04/26/2008 1331

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5S

Lab Sample ID: 220-4825-1
Client Matrix: Solid

% Moisture: 13.0

Date Sampled: 04/23/2008 1552
Date Received: 04/26/2008 1331

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/29/2008 1420
Date Prepared: 04/29/2008 1420

Analysis Batch: 220-15607

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3637.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	23	U	2.7	23
Benzene	5.7	U	0.82	5.7
Bromodichloromethane	5.7	U	0.75	5.7
Bromoform	5.7	U	2.0	5.7
Bromomethane	5.7	U	1.7	5.7
Methyl Ethyl Ketone	11	U	3.9	11
Carbon disulfide	5.7	U	0.61	5.7
Carbon tetrachloride	5.7	U	0.82	5.7
Chlorobenzene	5.7	U	1.0	5.7
Chloroethane	5.7	U	1.5	5.7
Chloroform	5.7	U	0.61	5.7
Chloromethane	5.7	U	1.2	5.7
Dibromochloromethane	5.7	U	1.2	5.7
1,1-Dichloroethane	5.7	U	0.75	5.7
1,2-Dichloroethane	5.7	U	1.2	5.7
1,1-Dichloroethene	5.7	U	0.91	5.7
1,2-Dichloropropane	5.7	U	1.1	5.7
cis-1,3-Dichloropropene	5.7	U	0.71	5.7
trans-1,3-Dichloropropene	5.7	U	1.2	5.7
Ethylbenzene	5.7	U	0.82	5.7
2-Hexanone	11	U	3.0	11
Methylene Chloride	3.5	J B	1.6	23
methyl isobutyl ketone	5.7	U	1.1	5.7
Styrene	5.7	U	1.5	5.7
1,1,2,2-Tetrachloroethane	5.7	U	1.2	5.7
Tetrachloroethene	5.7	U	0.85	5.7
Toluene	5.7	U	0.68	5.7
1,1,1-Trichloroethane	5.7	U	0.84	5.7
1,1,2-Trichloroethane	5.7	U	1.0	5.7
Trichloroethene	5.7	U	1.1	5.7
Vinyl chloride	5.7	U	1.5	5.7
Xylenes, Total	5.7	U	2.8	5.7
cis-1,2-Dichloroethene	5.7	U	1.1	5.7
trans-1,2-Dichloroethene	5.7	U	1.1	5.7

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	49 - 134
4-Bromofluorobenzene	93	36 - 133
Dibromofluoromethane	97	60 - 130
Toluene-d8 (Surr)	99	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5D

Lab Sample ID: 220-4825-2
Client Matrix: Solid
% Moisture: 19.2

Date Sampled: 04/23/2008 1558
Date Received: 04/26/2008 1331

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/29/2008 1445
Date Prepared: 04/29/2008 1445

Analysis Batch: 220-15607

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3638.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	25	U	2.9	25
Benzene	6.2	U	0.88	6.2
Bromodichloromethane	6.2	U	0.80	6.2
Bromoform	6.2	U	2.1	6.2
Bromomethane	6.2	U	1.9	6.2
Methyl Ethyl Ketone	12	U	4.2	12
Carbon disulfide	6.2	U	0.66	6.2
Carbon tetrachloride	6.2	U	0.88	6.2
Chlorobenzene	6.2	U	1.1	6.2
Chloroethane	6.2	U	1.6	6.2
Chloroform	6.2	U	0.66	6.2
Chloromethane	6.2	U	1.2	6.2
Dibromochloromethane	6.2	U	1.3	6.2
1,1-Dichloroethane	6.2	U	0.80	6.2
1,2-Dichloroethane	6.2	U	1.3	6.2
1,1-Dichloroethene	6.2	U	0.98	6.2
1,2-Dichloropropane	6.2	U	1.2	6.2
cis-1,3-Dichloropropene	6.2	U	0.77	6.2
trans-1,3-Dichloropropene	6.2	U	1.3	6.2
Ethylbenzene	6.2	U	0.88	6.2
2-Hexanone	12	U	3.3	12
Methylene Chloride	5.2	J B	1.7	25
methyl isobutyl ketone	6.2	U	1.2	6.2
Styrene	6.2	U	1.6	6.2
1,1,2,2-Tetrachloroethane	6.2	U	1.3	6.2
Tetrachloroethene	6.2	U	0.92	6.2
Toluene	6.2	U	0.73	6.2
1,1,1-Trichloroethane	6.2	U	0.90	6.2
1,1,2-Trichloroethane	6.2	U	1.1	6.2
Trichloroethene	6.2	U	1.2	6.2
Vinyl chloride	6.2	U	1.6	6.2
Xylenes, Total	6.2	U	3.0	6.2
cis-1,2-Dichloroethene	6.2	U	1.1	6.2
trans-1,2-Dichloroethene	6.2	U	1.2	6.2

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	49 - 134
4-Bromofluorobenzene	96	36 - 133
Dibromofluoromethane	101	60 - 130
Toluene-d8 (Surr)	107	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5S

Lab Sample ID: 220-4825-1
Client Matrix: Solid
% Moisture: 13.0
Date Sampled: 04/23/2008 1552
Date Received: 04/26/2008 1331

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/01/2008 1919
Date Prepared: 04/28/2008 1632
Analysis Batch: 220-15576
Prep Batch: 220-15463
Instrument ID: HP 6890/5975
Lab File ID: A9241.D
Initial Weight/Volume: 15.17 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	66	380
Acenaphthylene		380	U	70	380
Anthracene		380	U	68	380
Benzo[a]anthracene		380	U	57	380
Benzo[a]pyrene		380	U	43	380
Benzo[b]fluoranthene		380	U	54	380
Benzo[g,h,i]perylene		270	J	43	380
Benzo[k]fluoranthene		380	U	49	380
Bis(2-chloroethoxy)methane		380	U	63	380
Bis(2-chloroethyl)ether		380	U	87	380
Bis(2-ethylhexyl) phthalate		380	U	61	380
Butyl benzyl phthalate		380	U	62	380
Carbazole		380	U	61	380
Chrysene		380	U	65	380
Di-n-butyl phthalate		380	U	72	380
Di-n-octyl phthalate		380	U	54	380
4-Bromophenyl phenyl ether		380	U	56	380
4-Chloroaniline		380	U	50	380
2-Chloronaphthalene		380	U	65	380
4-Chlorophenyl phenyl ether		380	U	65	380
Dibenz(a,h)anthracene		380	U	39	380
Dibenzofuran		380	U	67	380
Diethyl phthalate		380	U	71	380
Dimethyl phthalate		380	U	65	380
1,2-Dichlorobenzene		380	U	61	380
1,3-Dichlorobenzene		380	U	51	380
1,4-Dichlorobenzene		380	U	66	380
3,3'-Dichlorobenzidine		750	U	63	750
2,4-Dinitrotoluene		380	U	58	380
2,6-Dinitrotoluene		380	U	51	380
Fluoranthene		380	U	68	380
Fluorene		380	U	70	380
Hexachlorobenzene		380	U	73	380
Hexachlorobutadiene		380	U	65	380
Hexachlorocyclopentadiene		750	U	95	750
Hexachloroethane		380	U	60	380
Indeno[1,2,3-cd]pyrene		380	U	42	380
Isophorone		380	U	70	380
2-Methylnaphthalene		380	U	70	380
Naphthalene		380	U	67	380
2-Nitroaniline		1800	U	60	1800
3-Nitroaniline		1800	U	58	1800
Nitrobenzene		380	U	75	380
N-Nitrosodi-n-propylamine		380	U	76	380

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5S

Lab Sample ID: 220-4825-1
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 04/23/2008 1552
Date Received: 04/26/2008 1331

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/01/2008 1919
Date Prepared: 04/28/2008 1632

Analysis Batch: 220-15576
Prep Batch: 220-15463

Instrument ID: HP 6890/5975
Lab File ID: A9241.D
Initial Weight/Volume: 15.17 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		380	U	62	380
Phenanthrene		380	U	67	380
Pyrene		380	U	75	380
1,2,4-Trichlorobenzene		380	U	62	380
4-Chloro-3-methylphenol		380	U	55	380
2-Chlorophenol		380	U	69	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	73	380
2,4-Dichlorophenol		380	U	64	380
2,4-Dimethylphenol		380	U	50	380
2,4-Dinitrophenol		1800	U *	250	1800
4,6-Dinitro-2-methylphenol		1800	U	28	1800
2-Nitrophenol		380	U	54	380
4-Nitrophenol		1800	U	69	1800
Pentachlorophenol		1800	U	38	1800
Phenol		380	U	63	380
2,4,5-Trichlorophenol		1800	U	56	1800
2,4,6-Trichlorophenol		380	U	62	380
Benzyl alcohol		380	U	53	380
4-Nitroaniline		750	U	58	750
2,2'-oxybis[1-chloropropane]		380	U	73	380

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	32 - 131
2-Fluorophenol	66	25 - 113
2,4,6-Tribromophenol	74	24 - 150
Nitrobenzene-d5	64	25 - 120
Phenol-d5	66	27 - 122
Terphenyl-d14	79	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5D

Lab Sample ID: 220-4825-2
Client Matrix: Solid

% Moisture: 19.2

Date Sampled: 04/23/2008 1558
Date Received: 04/26/2008 1331

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/01/2008 1945
Date Prepared: 04/28/2008 1632

Analysis Batch: 220-15576
Prep Batch: 220-15463

Instrument ID: HP 6890/5975
Lab File ID: A9242.D
Initial Weight/Volume: 15.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene	410	U	72	410
Acenaphthylene	410	U	76	410
Anthracene	410	U	73	410
Benzo[a]anthracene	410	U	61	410
Benzo[a]pyrene	410	U	46	410
Benzo[b]fluoranthene	410	U	59	410
Benzo[g,h,i]perylene	410	U	47	410
Benzo[k]fluoranthene	410	U	53	410
Bis(2-chloroethoxy)methane	410	U	68	410
Bis(2-chloroethyl)ether	410	U	93	410
Bis(2-ethylhexyl) phthalate	170	J	66	410
Butyl benzyl phthalate	410	U	67	410
Carbazole	410	U	66	410
Chrysene	410	U	70	410
Di-n-butyl phthalate	410	U	77	410
Di-n-octyl phthalate	410	U	58	410
4-Bromophenyl phenyl ether	410	U	61	410
4-Chloroaniline	410	U	54	410
2-Chloronaphthalene	410	U	70	410
4-Chlorophenyl phenyl ether	410	U	70	410
Dibenz(a,h)anthracene	410	U	42	410
Dibenzofuran	410	U	72	410
Diethyl phthalate	410	U	77	410
Dimethyl phthalate	410	U	70	410
1,2-Dichlorobenzene	410	U	66	410
1,3-Dichlorobenzene	410	U	55	410
1,4-Dichlorobenzene	410	U	71	410
3,3'-Dichlorobenzidine	810	U	68	810
2,4-Dinitrotoluene	410	U	63	410
2,6-Dinitrotoluene	410	U	55	410
Fluoranthene	410	U	74	410
Fluorene	410	U	75	410
Hexachlorobenzene	410	U	79	410
Hexachlorobutadiene	410	U	70	410
Hexachlorocyclopentadiene	810	U	100	810
Hexachloroethane	410	U	64	410
Indeno[1,2,3-cd]pyrene	410	U	45	410
Isophorone	410	U	76	410
2-Methylnaphthalene	410	U	76	410
Naphthalene	410	U	72	410
2-Nitroaniline	2000	U	65	2000
3-Nitroaniline	2000	U	63	2000
Nitrobenzene	410	U	81	410
N-Nitrosodi-n-propylamine	410	U	82	410

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5D

Lab Sample ID: 220-4825-2
Client Matrix: Solid
% Moisture: 19.2
Date Sampled: 04/23/2008 1558
Date Received: 04/26/2008 1331

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/01/2008 1945
Date Prepared: 04/28/2008 1632
Analysis Batch: 220-15576
Prep Batch: 220-15463
Instrument ID: HP 6890/5975
Lab File ID: A9242.D
Initial Weight/Volume: 15.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	410	U	66	410
Phenanthrene	410	U	72	410
Pyrene	410	U	81	410
1,2,4-Trichlorobenzene	410	U	67	410
4-Chloro-3-methylphenol	410	U	60	410
2-Chlorophenol	410	U	75	410
2-Methylphenol	410	U	60	410
4-Methylphenol	410	U	79	410
2,4-Dichlorophenol	410	U	69	410
2,4-Dimethylphenol	410	U	54	410
2,4-Dinitrophenol	2000	U *	270	2000
4,6-Dinitro-2-methylphenol	2000	U	30	2000
2-Nitrophenol	410	U	58	410
4-Nitrophenol	2000	U	74	2000
Pentachlorophenol	2000	U	41	2000
Phenol	410	U	68	410
2,4,5-Trichlorophenol	2000	U	61	2000
2,4,6-Trichlorophenol	410	U	67	410
Benzyl alcohol	410	U	57	410
4-Nitroaniline	810	U	62	810
2,2'-oxybis[1-chloropropane]	410	U	79	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	32 - 131
2-Fluorophenol	76	25 - 113
2,4,6-Tribromophenol	75	24 - 150
Nitrobenzene-d5	74	25 - 120
Phenol-d5	75	27 - 122
Terphenyl-d14	90	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5S

Lab Sample ID: 220-4825-1
Client Matrix: Solid
% Moisture: 13.0
Date Sampled: 04/23/2008 1552
Date Received: 04/26/2008 1331

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/05/2008 1546
Date Prepared: 04/28/2008 1020
Analysis Batch: 220-15637
Prep Batch: 220-15439
Instrument ID: TJA Trace ICAP
Lab File ID: W050508
Initial Weight/Volume: 1.41 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.1	U	0.29	3.1
Aluminum		18300		64.2	102
Arsenic		5.5		0.63	5.1
Barium		110		0.22	2.0
Beryllium		0.81	J	0.22	1.4
Calcium		14300		11.2	204
Cadmium		5.1	U	0.53	5.1
Cobalt		11.8		0.20	2.0
Chromium		24.0		0.29	3.1
Copper		23.6		0.61	5.1
Iron		25900		7.1	61.2
Potassium		3540		17.3	204
Magnesium		10300		10.2	35.7
Manganese		624		0.20	6.1
Sodium		179	J	11.2	204
Nickel		24.9		0.53	5.1
Lead		12.6		0.43	5.1
Antimony		10.2	U	1.2	10.2
Selenium		10.2	U	0.92	10.2
Thallium		7.1	U	3.2	7.1
Vanadium		33.3		0.18	4.1
Zinc		63.1		1.5	20.4

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/02/2008 1151
Date Prepared: 05/01/2008 1538
Analysis Batch: 220-15586
Prep Batch: 220-15565
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.62 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.023	J	0.016	0.056

Client: S & W Redevelopment LLC

Job Number: 220-4825-1
Sdg Number: 220-4825

Client Sample ID: IW5D

Lab Sample ID: 220-4825-2
Client Matrix: Solid
% Moisture: 19.2
Date Sampled: 04/23/2008 1558
Date Received: 04/26/2008 1331

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/05/2008 1600
Date Prepared: 04/28/2008 1020
Analysis Batch: 220-15637
Prep Batch: 220-15439
Instrument ID: TJA Trace ICAP
Lab File ID: W050508
Initial Weight/Volume: 1.38 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.4	U	0.31	3.4
Aluminum		14800		70.6	112
Arsenic		4.4	J	0.69	5.6
Barium		99.2		0.25	2.2
Beryllium		0.64	J	0.25	1.6
Calcium		66100		12.3	224
Cadmium		5.6	U	0.58	5.6
Cobalt		8.6		0.22	2.2
Chromium		19.0		0.31	3.4
Copper		18.4		0.67	5.6
Iron		20700		7.8	67.2
Potassium		4320		19.0	224
Magnesium		23200		11.2	39.2
Manganese		501		0.22	6.7
Sodium		306		12.3	224
Nickel		19.1		0.58	5.6
Lead		8.8		0.47	5.6
Antimony		11.2	U	1.3	11.2
Selenium		11.2	U	1.0	11.2
Thallium		7.8	U	3.5	7.8
Vanadium		28.1		0.20	4.5
Zinc		51.8		1.7	22.4

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/02/2008 1151
Date Prepared: 05/01/2008 1538
Analysis Batch: 220-15586
Prep Batch: 220-15565
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.62 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.060	U	0.018	0.060

General Chemistry

Client Sample ID: IW5S

Lab Sample ID: 220-4825-1
Client Matrix: Solid

Date Sampled: 04/23/2008 1552
Date Received: 04/26/2008 1331

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.0		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15453		Date Analyzed	04/28/2008 1350			
Percent Solids	87.0		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15453		Date Analyzed	04/28/2008 1350			

Client Sample ID: IW5D

Lab Sample ID: 220-4825-2
Client Matrix: Solid

Date Sampled: 04/23/2008 1558
Date Received: 04/26/2008 1331

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15453		Date Analyzed	04/28/2008 1350			
Percent Solids	80.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15453		Date Analyzed	04/28/2008 1350			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-4909-1

SDG Number: 220-4909

Job Description: Griffin Diebold

For:
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Attention: Mr. Jeff Kiggins

Mary Widomski

Designee for
Paul Hobart
Project Manager I
paul.hobart@testamericainc.com
05/23/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

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TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Case Narrative for Job: 220-4909-1

Client: S & W Redevelopment LLC
Date: May 23, 2008

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Lawrence Decker
Laboratory Director

May 23, 2008
Date

Comments
No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The laboratory control standard (LCS) for preparation batch 15984 exceeded control limits for cobalt. Samples IB-1 (220-4909-9), SB-2(1-2) (220-4909-7), SB-3(2-3) (220-4909-8) are affected.

Method(s) 6010B: The ICSA and ICSAB for batch 16095 exceeded the acceptance limits for calcium, cadmium and thallium.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-4909-1	IW-2(0-2)	Solid	04/28/2008 0930	05/07/2008 0938
220-4909-2	IW-2(6-8)	Solid	04/29/2008 0930	05/07/2008 0938
220-4909-3	SB-1(0-2)	Solid	05/05/2008 1330	05/07/2008 0938
220-4909-4	SB-2(0-2)	Solid	05/05/2008 1350	05/07/2008 0938
220-4909-5	SB-3(0-2)	Solid	05/05/2008 1500	05/07/2008 0938
220-4909-6	SB-1(1-2)	Solid	05/05/2008 1330	05/07/2008 0938
220-4909-7	SB-2(1-2)	Solid	05/05/2008 1350	05/07/2008 0938
220-4909-8	SB-3(2-3)	Solid	05/05/2008 1500	05/07/2008 0938
220-4909-9	IB-1	Solid	05/02/2008 1135	05/07/2008 0938

METHOD SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CT	SW846 8260B	
Purge-and-Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL CT	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	TAL CT		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL CT	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual Cold	TAL CT		SW846 7471A
SW846 8081 Pesticides by GC/ECD	TAL EDI	SW846 8081	
SW846 8082 PCBs	TAL EDI	SW846 8082	

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8270C	Passarella, Danielle	DP
SW846 6010B	Petronchak, Nestor	NP
SW846 7471A	Voytek, Joseph F	JFV
EPA PercentMoisture	Capece, Bill	BC

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(0-2)

Lab Sample ID: 220-4909-1
Client Matrix: Solid
% Moisture: 7.0
Date Sampled: 04/28/2008 0930
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/08/2008 1924
Date Prepared: 05/08/2008 1924
Analysis Batch: 220-15766
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3823.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	22	U	2.5	22
Benzene	5.4	U	0.76	5.4
Bromodichloromethane	5.4	U	0.70	5.4
Bromoform	5.4	U	1.9	5.4
Bromomethane	5.4	U	1.6	5.4
Methyl Ethyl Ketone	11	U	3.6	11
Carbon disulfide	5.4	U	0.57	5.4
Carbon tetrachloride	5.4	U	0.76	5.4
Chlorobenzene	5.4	U	0.95	5.4
Chloroethane	5.4	U	1.4	5.4
Chloroform	5.4	U	0.57	5.4
Chloromethane	5.4	U	1.1	5.4
Dibromochloromethane	5.4	U	1.2	5.4
1,1-Dichloroethane	5.4	U	0.70	5.4
1,2-Dichloroethane	5.4	U	1.2	5.4
1,1-Dichloroethene	5.4	U	0.85	5.4
1,2-Dichloropropane	5.4	U	1.0	5.4
cis-1,3-Dichloropropene	5.4	U	0.67	5.4
trans-1,3-Dichloropropene	5.4	U	1.2	5.4
Ethylbenzene	5.4	U	0.76	5.4
2-Hexanone	11	U	2.8	11
Methylene Chloride	16	J B	1.5	22
methyl isobutyl ketone	5.4	U	1.0	5.4
Styrene	5.4	U	1.4	5.4
1,1,2,2-Tetrachloroethane	5.4	U	1.1	5.4
Tetrachloroethene	5.4	U	0.80	5.4
Toluene	5.4	U	0.63	5.4
1,1,1-Trichloroethane	5.4	U	0.79	5.4
1,1,2-Trichloroethane	5.4	U	0.94	5.4
Trichloroethene	5.4	U	1.1	5.4
Vinyl chloride	5.4	U	1.4	5.4
Xylenes, Total	5.4	U	2.6	5.4
cis-1,2-Dichloroethene	5.4	U	0.99	5.4
trans-1,2-Dichloroethene	5.4	U	1.0	5.4

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71	49 - 134
4-Bromofluorobenzene	99	36 - 133
Dibromofluoromethane	84	60 - 130
Toluene-d8 (Surr)	88	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(6-8)

Lab Sample ID: 220-4909-2
Client Matrix: Solid
% Moisture: 13.5
Date Sampled: 04/29/2008 0930
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/08/2008 1949
Date Prepared: 05/08/2008 1949
Analysis Batch: 220-15766
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3824.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	3.2	J	2.7	23
Benzene	5.8	U	0.82	5.8
Bromodichloromethane	5.8	U	0.75	5.8
Bromoform	5.8	U	2.0	5.8
Bromomethane	5.8	U	1.8	5.8
Methyl Ethyl Ketone	12	U	3.9	12
Carbon disulfide	5.8	U	0.61	5.8
Carbon tetrachloride	5.8	U	0.82	5.8
Chlorobenzene	5.8	U	1.0	5.8
Chloroethane	5.8	U	1.5	5.8
Chloroform	5.8	U	0.61	5.8
Chloromethane	5.8	U	1.2	5.8
Dibromochloromethane	5.8	U	1.2	5.8
1,1-Dichloroethane	5.8	U	0.75	5.8
1,2-Dichloroethane	5.8	U	1.2	5.8
1,1-Dichloroethene	5.8	U	0.91	5.8
1,2-Dichloropropane	5.8	U	1.1	5.8
cis-1,3-Dichloropropene	5.8	U	0.72	5.8
trans-1,3-Dichloropropene	5.8	U	1.2	5.8
Ethylbenzene	5.8	U	0.82	5.8
2-Hexanone	12	U	3.1	12
Methylene Chloride	11	J B	1.6	23
methyl isobutyl ketone	5.8	U	1.1	5.8
Styrene	5.8	U	1.5	5.8
1,1,2,2-Tetrachloroethane	5.8	U	1.2	5.8
Tetrachloroethene	5.8	U	0.86	5.8
Toluene	5.8	U	0.68	5.8
1,1,1-Trichloroethane	5.8	U	0.84	5.8
1,1,2-Trichloroethane	5.8	U	1.0	5.8
Trichloroethene	5.8	U	1.1	5.8
Vinyl chloride	5.8	U	1.5	5.8
Xylenes, Total	5.8	U	2.8	5.8
cis-1,2-Dichloroethene	5.8	U	1.1	5.8
trans-1,2-Dichloroethene	5.8	U	1.1	5.8

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	69	49 - 134
4-Bromofluorobenzene	80	36 - 133
Dibromofluoromethane	83	60 - 130
Toluene-d8 (Surr)	87	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(0-2)

Lab Sample ID: 220-4909-3
Client Matrix: Solid

% Moisture: 11.7

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/13/2008 2024
Date Prepared: 05/13/2008 2024

Analysis Batch: 220-15931

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3897.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	23	U	2.7	23
Benzene	5.7	U	0.80	5.7
Bromodichloromethane	5.7	U	0.74	5.7
Bromoform	5.7	U	2.0	5.7
Bromomethane	5.7	U	1.7	5.7
Methyl Ethyl Ketone	11	U	3.8	11
Carbon disulfide	5.7	U	0.60	5.7
Carbon tetrachloride	5.7	U	0.80	5.7
Chlorobenzene	5.7	U	1.0	5.7
Chloroethane	5.7	U	1.4	5.7
Chloroform	5.7	U	0.60	5.7
Chloromethane	5.7	U	1.1	5.7
Dibromochloromethane	5.7	U	1.2	5.7
1,1-Dichloroethane	5.7	U	0.74	5.7
1,2-Dichloroethane	5.7	U	1.2	5.7
1,1-Dichloroethene	5.7	U	0.90	5.7
1,2-Dichloropropane	5.7	U	1.1	5.7
cis-1,3-Dichloropropene	5.7	U	0.70	5.7
trans-1,3-Dichloropropene	5.7	U	1.2	5.7
Ethylbenzene	5.7	U	0.80	5.7
2-Hexanone	11	U	3.0	11
Methylene Chloride	5.8	J	1.6	23
methyl isobutyl ketone	5.7	U	1.1	5.7
Styrene	5.7	U *	1.5	5.7
1,1,2,2-Tetrachloroethane	5.7	U	1.2	5.7
Tetrachloroethene	5.7	U	0.84	5.7
Toluene	5.7	U	0.67	5.7
1,1,1-Trichloroethane	5.7	U	0.83	5.7
1,1,2-Trichloroethane	5.7	U	0.99	5.7
Trichloroethene	5.7	U	1.1	5.7
Vinyl chloride	5.7	U	1.5	5.7
Xylenes, Total	5.7	U *	2.8	5.7
cis-1,2-Dichloroethene	5.7	U	1.0	5.7
trans-1,2-Dichloroethene	5.7	U	1.1	5.7

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	49 - 134
4-Bromofluorobenzene	101	36 - 133
Dibromofluoromethane	102	60 - 130
Toluene-d8 (Surr)	90	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(0-2)

Lab Sample ID: 220-4909-4
Client Matrix: Solid
% Moisture: 6.2
Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/13/2008 2049
Date Prepared: 05/13/2008 2049
Analysis Batch: 220-15931
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3898.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	21	U	2.5	21
Benzene	5.3	U	0.76	5.3
Bromodichloromethane	5.3	U	0.69	5.3
Bromoform	5.3	U	1.8	5.3
Bromomethane	5.3	U	1.6	5.3
Methyl Ethyl Ketone	11	U	3.6	11
Carbon disulfide	5.3	U	0.56	5.3
Carbon tetrachloride	5.3	U	0.76	5.3
Chlorobenzene	5.3	U	0.94	5.3
Chloroethane	5.3	U	1.4	5.3
Chloroform	5.3	U	0.56	5.3
Chloromethane	5.3	U	1.1	5.3
Dibromochloromethane	5.3	U	1.1	5.3
1,1-Dichloroethane	5.3	U	0.69	5.3
1,2-Dichloroethane	5.3	U	1.2	5.3
1,1-Dichloroethene	5.3	U	0.84	5.3
1,2-Dichloropropane	5.3	U	1.0	5.3
cis-1,3-Dichloropropene	5.3	U	0.66	5.3
trans-1,3-Dichloropropene	5.3	U	1.1	5.3
Ethylbenzene	5.3	U	0.76	5.3
2-Hexanone	11	U	2.8	11
Methylene Chloride	4.9	J	1.5	21
methyl isobutyl ketone	5.3	U	1.0	5.3
Styrene	5.3	U *	1.4	5.3
1,1,2,2-Tetrachloroethane	5.3	U	1.1	5.3
Tetrachloroethene	5.3	U	0.79	5.3
Toluene	5.3	U	0.63	5.3
1,1,1-Trichloroethane	5.3	U	0.78	5.3
1,1,2-Trichloroethane	5.3	U	0.93	5.3
Trichloroethene	5.3	U	1.1	5.3
Vinyl chloride	5.3	U	1.4	5.3
Xylenes, Total	5.3	U *	2.6	5.3
cis-1,2-Dichloroethene	5.3	U	0.98	5.3
trans-1,2-Dichloroethene	5.3	U	1.0	5.3

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	49 - 134
4-Bromofluorobenzene	92	36 - 133
Dibromofluoromethane	96	60 - 130
Toluene-d8 (Surr)	82	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

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

Lab Sample ID: 220-4909-5
Client Matrix: Solid

% Moisture: 7.8

Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/13/2008 2114
Date Prepared: 05/13/2008 2114

Analysis Batch: 220-15931

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3899.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	22	U	2.5	22
Benzene	5.4	U	0.77	5.4
Bromodichloromethane	5.4	U	0.71	5.4
Bromoform	5.4	U	1.9	5.4
Bromomethane	5.4	U	1.6	5.4
Methyl Ethyl Ketone	11	U	3.6	11
Carbon disulfide	5.4	U	0.57	5.4
Carbon tetrachloride	5.4	U	0.77	5.4
Chlorobenzene	5.4	U	0.95	5.4
Chloroethane	5.4	U	1.4	5.4
Chloroform	5.4	U	0.57	5.4
Chloromethane	5.4	U	1.1	5.4
Dibromochloromethane	5.4	U	1.2	5.4
1,1-Dichloroethane	5.4	U	0.71	5.4
1,2-Dichloroethane	5.4	U	1.2	5.4
1,1-Dichloroethene	5.4	U	0.86	5.4
1,2-Dichloropropane	5.4	U	1.1	5.4
cis-1,3-Dichloropropene	5.4	U	0.67	5.4
trans-1,3-Dichloropropene	5.4	U	1.2	5.4
Ethylbenzene	5.4	U	0.77	5.4
2-Hexanone	11	U	2.9	11
Methylene Chloride	4.7	J	1.5	22
methyl isobutyl ketone	5.4	U	1.0	5.4
Styrene	5.4	U *	1.4	5.4
1,1,2,2-Tetrachloroethane	5.4	U	1.1	5.4
Tetrachloroethene	5.4	U	0.80	5.4
Toluene	5.4	U	0.64	5.4
1,1,1-Trichloroethane	5.4	U	0.79	5.4
1,1,2-Trichloroethane	5.4	U	0.94	5.4
Trichloroethene	5.4	U	1.1	5.4
Vinyl chloride	5.4	U	1.4	5.4
Xylenes, Total	5.4	U *	2.6	5.4
cis-1,2-Dichloroethene	5.4	U	1.0	5.4
trans-1,2-Dichloroethene	5.4	U	1.0	5.4

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	49 - 134
4-Bromofluorobenzene	98	36 - 133
Dibromofluoromethane	102	60 - 130
Toluene-d8 (Surr)	98	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(1-2)

Lab Sample ID: 220-4909-6
Client Matrix: Solid
% Moisture: 20.2

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/13/2008 2139
Date Prepared: 05/13/2008 2139

Analysis Batch: 220-15931

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3900.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	25	U	2.9	25
Benzene	6.3	U	0.89	6.3
Bromodichloromethane	6.3	U	0.81	6.3
Bromoform	6.3	U	2.2	6.3
Bromomethane	6.3	U	1.9	6.3
Methyl Ethyl Ketone	13	U	4.2	13
Carbon disulfide	6.3	U	0.66	6.3
Carbon tetrachloride	6.3	U	0.89	6.3
Chlorobenzene	6.3	U	1.1	6.3
Chloroethane	6.3	U	1.6	6.3
Chloroform	6.3	U	0.66	6.3
Chloromethane	6.3	U	1.3	6.3
Dibromochloromethane	6.3	U	1.3	6.3
1,1-Dichloroethane	6.3	U	0.81	6.3
1,2-Dichloroethane	6.3	U	1.4	6.3
1,1-Dichloroethene	6.3	U	0.99	6.3
1,2-Dichloropropane	6.3	U	1.2	6.3
cis-1,3-Dichloropropene	6.3	U	0.78	6.3
trans-1,3-Dichloropropene	6.3	U	1.3	6.3
Ethylbenzene	6.3	U	0.89	6.3
2-Hexanone	13	U	3.3	13
Methylene Chloride	8.1	J	1.8	25
methyl isobutyl ketone	6.3	U	1.2	6.3
Styrene	6.3	U *	1.6	6.3
1,1,2,2-Tetrachloroethane	6.3	U	1.3	6.3
Tetrachloroethene	6.3	U	0.93	6.3
Toluene	6.3	U	0.74	6.3
1,1,1-Trichloroethane	6.3	U	0.91	6.3
1,1,2-Trichloroethane	6.3	U	1.1	6.3
Trichloroethene	6.3	U	1.2	6.3
Vinyl chloride	6.3	U	1.6	6.3
Xylenes, Total	6.3	U *	3.1	6.3
cis-1,2-Dichloroethene	6.3	U	1.2	6.3
trans-1,2-Dichloroethene	6.3	U	1.2	6.3

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	49 - 134
4-Bromofluorobenzene	97	36 - 133
Dibromofluoromethane	100	60 - 130
Toluene-d8 (Surr)	99	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-3(2-3)

Lab Sample ID: 220-4909-8
Client Matrix: Solid
% Moisture: 13.0

Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/13/2008 2229
Date Prepared: 05/13/2008 2229

Analysis Batch: 220-15931

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3902.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	23	U	2.7	23
Benzene	5.7	U	0.82	5.7
Bromodichloromethane	5.7	U	0.75	5.7
Bromoform	5.7	U	2.0	5.7
Bromomethane	5.7	U	1.7	5.7
Methyl Ethyl Ketone	11	U	3.9	11
Carbon disulfide	5.7	U	0.61	5.7
Carbon tetrachloride	5.7	U	0.82	5.7
Chlorobenzene	5.7	U	1.0	5.7
Chloroethane	5.7	U	1.5	5.7
Chloroform	5.7	U	0.61	5.7
Chloromethane	5.7	U	1.2	5.7
Dibromochloromethane	5.7	U	1.2	5.7
1,1-Dichloroethane	5.7	U	0.75	5.7
1,2-Dichloroethane	5.7	U	1.2	5.7
1,1-Dichloroethene	5.7	U	0.91	5.7
1,2-Dichloropropane	5.7	U	1.1	5.7
cis-1,3-Dichloropropene	5.7	U	0.71	5.7
trans-1,3-Dichloropropene	5.7	U	1.2	5.7
Ethylbenzene	5.7	U	0.82	5.7
2-Hexanone	11	U	3.0	11
Methylene Chloride	7.2	J	1.6	23
methyl isobutyl ketone	5.7	U	1.1	5.7
Styrene	5.7	U *	1.5	5.7
1,1,2,2-Tetrachloroethane	5.7	U	1.2	5.7
Tetrachloroethene	5.7	U	0.85	5.7
Toluene	5.7	U	0.68	5.7
1,1,1-Trichloroethane	5.7	U	0.84	5.7
1,1,2-Trichloroethane	5.7	U	1.0	5.7
Trichloroethene	5.7	U	1.1	5.7
Vinyl chloride	5.7	U	1.5	5.7
Xylenes, Total	5.7	U *	2.8	5.7
cis-1,2-Dichloroethene	5.7	U	1.1	5.7
trans-1,2-Dichloroethene	5.7	U	1.1	5.7

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	49 - 134
4-Bromofluorobenzene	91	36 - 133
Dibromofluoromethane	90	60 - 130
Toluene-d8 (Surr)	93	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IB-1

Lab Sample ID: 220-4909-9
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 05/02/2008 1135
Date Received: 05/07/2008 0938

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/12/2008 1610
Date Prepared: 05/12/2008 1610
Analysis Batch: 220-15846
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O3862.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	7.0	J B	2.8	24
Benzene	5.9	U	0.84	5.9
Bromodichloromethane	5.9	U	0.77	5.9
Bromoform	5.9	U	2.1	5.9
Bromomethane	5.9	U	1.8	5.9
Methyl Ethyl Ketone	12	U	4.0	12
Carbon disulfide	5.9	U	0.63	5.9
Carbon tetrachloride	5.9	U	0.84	5.9
Chlorobenzene	5.9	U	1.0	5.9
Chloroethane	5.9	U	1.5	5.9
Chloroform	5.9	U	0.63	5.9
Chloromethane	5.9	U	1.2	5.9
Dibromochloromethane	5.9	U	1.3	5.9
1,1-Dichloroethane	5.9	U	0.77	5.9
1,2-Dichloroethane	5.9	U	1.3	5.9
1,1-Dichloroethene	5.9	U	0.94	5.9
1,2-Dichloropropane	5.9	U	1.1	5.9
cis-1,3-Dichloropropene	5.9	U	0.73	5.9
trans-1,3-Dichloropropene	5.9	U	1.3	5.9
Ethylbenzene	5.9	U	0.84	5.9
2-Hexanone	12	U	3.1	12
Methylene Chloride	4.0	J B	1.7	24
methyl isobutyl ketone	5.9	U	1.1	5.9
Styrene	5.9	U	1.5	5.9
1,1,2,2-Tetrachloroethane	5.9	U	1.2	5.9
Tetrachloroethene	5.9	U	0.88	5.9
Toluene	5.9	U	0.70	5.9
1,1,1-Trichloroethane	5.9	U	0.87	5.9
1,1,2-Trichloroethane	5.9	U	1.0	5.9
Trichloroethene	5.9	U	1.2	5.9
Vinyl chloride	5.9	U	1.5	5.9
Xylenes, Total	5.9	U	2.9	5.9
cis-1,2-Dichloroethene	5.9	U	1.1	5.9
trans-1,2-Dichloroethene	5.9	U	1.1	5.9

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	49 - 134
4-Bromofluorobenzene	102	36 - 133
Dibromofluoromethane	94	60 - 130
Toluene-d8 (Surr)	97	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(0-2)

Lab Sample ID: 220-4909-1
Client Matrix: Solid

% Moisture: 7.0

Date Sampled: 04/28/2008 0930
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2148
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5189.D
Initial Weight/Volume: 15.15 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene	350	U	62	350
Acenaphthylene	350	U	66	350
Anthracene	65	J	63	350
Benzo[a]anthracene	300	J	53	350
Benzo[a]pyrene	340	J	40	350
Benzo[b]fluoranthene	460		51	350
Benzo[g,h,i]perylene	570		41	350
Benzo[k]fluoranthene	160	J	46	350
Bis(2-chloroethoxy)methane	350	U	59	350
Bis(2-chloroethyl)ether	350	U	81	350
Bis(2-ethylhexyl) phthalate	370		57	350
Butyl benzyl phthalate	350	U	58	350
Carbazole	350	U	57	350
Chrysene	370		61	350
Di-n-butyl phthalate	350	U	67	350
Di-n-octyl phthalate	350	U	51	350
4-Bromophenyl phenyl ether	350	U	53	350
4-Chloroaniline	350	U	47	350
2-Chloronaphthalene	350	U	61	350
4-Chlorophenyl phenyl ether	350	U	61	350
Dibenz(a,h)anthracene	87	J	36	350
Dibenzofuran	350	U	63	350
Diethyl phthalate	350	U	67	350
Dimethyl phthalate	350	U	61	350
1,2-Dichlorobenzene	350	U	57	350
1,3-Dichlorobenzene	350	U	48	350
1,4-Dichlorobenzene	350	U	62	350
3,3'-Dichlorobenzidine	700	U	59	700
2,4-Dinitrotoluene	350	U	54	350
2,6-Dinitrotoluene	350	U	47	350
Fluoranthene	570		64	350
Fluorene	350	U	65	350
Hexachlorobenzene	350	U	69	350
Hexachlorobutadiene	350	U	61	350
Hexachlorocyclopentadiene	700	U	89	700
Hexachloroethane	350	U	56	350
Indeno[1,2,3-cd]pyrene	450		39	350
Isophorone	350	U	66	350
2-Methylnaphthalene	350	U	66	350
Naphthalene	350	U	63	350
2-Nitroaniline	1700	U	56	1700
3-Nitroaniline	1700	U	54	1700
Nitrobenzene	350	U	70	350
N-Nitrosodi-n-propylamine	350	U	71	350

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(0-2)

Lab Sample ID: 220-4909-1
Client Matrix: Solid
% Moisture: 7.0
Date Sampled: 04/28/2008 0930
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2148
Date Prepared: 05/07/2008 1957
Analysis Batch: 220-15758
Prep Batch: 220-15718
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5189.D
Initial Weight/Volume: 15.15 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		350	U	58	350
Phenanthrene		290	J	62	350
Pyrene		620		71	350
1,2,4-Trichlorobenzene		350	U	58	350
4-Chloro-3-methylphenol		350	U	52	350
2-Chlorophenol		350	U	65	350
2-Methylphenol		350	U	52	350
4-Methylphenol		350	U	69	350
2,4-Dichlorophenol		350	U	60	350
2,4-Dimethylphenol		350	U	47	350
2,4-Dinitrophenol		1700	U	230	1700
4,6-Dinitro-2-methylphenol		1700	U	26	1700
2-Nitrophenol		350	U	50	350
4-Nitrophenol		1700	U	64	1700
Pentachlorophenol		1700	U	35	1700
Phenol		350	U	59	350
2,4,5-Trichlorophenol		1700	U	53	1700
2,4,6-Trichlorophenol		350	U	58	350
Benzyl alcohol		350	U	50	350
4-Nitroaniline		700	U	54	700
2,2'-oxybis[1-chloropropane]		350	U	68	350

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	82	32 - 131
2-Fluorophenol	76	25 - 113
2,4,6-Tribromophenol	71	24 - 150
Nitrobenzene-d5	78	25 - 120
Phenol-d5	77	27 - 122
Terphenyl-d14	84	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(6-8)

Lab Sample ID: 220-4909-2
Client Matrix: Solid

% Moisture: 13.5

Date Sampled: 04/29/2008 0930
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 1904
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5182.D
Initial Weight/Volume: 15.35 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		370	U	66	370
Acenaphthylene		370	U	70	370
Anthracene		370	U	67	370
Benzo[a]anthracene		370	U	56	370
Benzo[a]pyrene		370	U	42	370
Benzo[b]fluoranthene		370	U	54	370
Benzo[g,h,i]perylene		370	U	43	370
Benzo[k]fluoranthene		370	U	49	370
Bis(2-chloroethoxy)methane		370	U	63	370
Bis(2-chloroethyl)ether		370	U	86	370
Bis(2-ethylhexyl) phthalate		110	J	60	370
Butyl benzyl phthalate		370	U	62	370
Carbazole		370	U	61	370
Chrysene		370	U	65	370
Di-n-butyl phthalate		370	U	71	370
Di-n-octyl phthalate		370	U	54	370
4-Bromophenyl phenyl ether		370	U	56	370
4-Chloroaniline		370	U	50	370
2-Chloronaphthalene		370	U	65	370
4-Chlorophenyl phenyl ether		370	U	64	370
Dibenz(a,h)anthracene		370	U	38	370
Dibenzofuran		370	U	66	370
Diethyl phthalate		370	U	71	370
Dimethyl phthalate		370	U	64	370
1,2-Dichlorobenzene		370	U	61	370
1,3-Dichlorobenzene		370	U	51	370
1,4-Dichlorobenzene		370	U	65	370
3,3'-Dichlorobenzidine		750	U	63	750
2,4-Dinitrotoluene		370	U	58	370
2,6-Dinitrotoluene		370	U	50	370
Fluoranthene		370	U	68	370
Fluorene		370	U	69	370
Hexachlorobenzene		370	U	73	370
Hexachlorobutadiene		370	U	65	370
Hexachlorocyclopentadiene		750	U	95	750
Hexachloroethane		370	U	59	370
Indeno[1,2,3-cd]pyrene		370	U	42	370
Isophorone		370	U	70	370
2-Methylnaphthalene		370	U	70	370
Naphthalene		370	U	67	370
2-Nitroaniline		1800	U	60	1800
3-Nitroaniline		1800	U	57	1800
Nitrobenzene		370	U	74	370
N-Nitrosodi-n-propylamine		370	U	76	370

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(6-8)

Lab Sample ID: 220-4909-2
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 04/29/2008 0930
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 1904
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5182.D
Initial Weight/Volume: 15.35 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	370	U	61	370
Phenanthrene	370	U	66	370
Pyrene	370	U	75	370
1,2,4-Trichlorobenzene	370	U	62	370
4-Chloro-3-methylphenol	370	U	55	370
2-Chlorophenol	370	U	69	370
2-Methylphenol	370	U	55	370
4-Methylphenol	370	U	73	370
2,4-Dichlorophenol	370	U	63	370
2,4-Dimethylphenol	370	U	49	370
2,4-Dinitrophenol	1800	U	240	1800
4,6-Dinitro-2-methylphenol	1800	U	28	1800
2-Nitrophenol	370	U	53	370
4-Nitrophenol	1800	U	68	1800
Pentachlorophenol	1800	U	38	1800
Phenol	370	U	62	370
2,4,5-Trichlorophenol	1800	U	56	1800
2,4,6-Trichlorophenol	370	U	62	370
Benzyl alcohol	370	U	53	370
4-Nitroaniline	750	U	57	750
2,2'-oxybis[1-chloropropane]	370	U	73	370

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	32 - 131
2-Fluorophenol	65	25 - 113
2,4,6-Tribromophenol	64	24 - 150
Nitrobenzene-d5	68	25 - 120
Phenol-d5	68	27 - 122
Terphenyl-d14	79	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(0-2)

Lab Sample ID: 220-4909-3
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 4.0
Date Analyzed: 05/09/2008 2300
Date Prepared: 05/07/2008 1957
Analysis Batch: 220-15808
Prep Batch: 220-15718
Instrument ID: HP 6890/5975
Lab File ID: A9370.D
Initial Weight/Volume: 15.32 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene	550	J	260	1500
Acenaphthylene	1500	U	270	1500
Anthracene	1800		260	1500
Benzo[a]anthracene	6500		220	1500
Benzo[a]pyrene	5900		170	1500
Benzo[b]fluoranthene	7300		210	1500
Benzo[g,h,i]perylene	5000		170	1500
Benzo[k]fluoranthene	2900		190	1500
Bis(2-chloroethoxy)methane	1500	U	250	1500
Bis(2-chloroethyl)ether	1500	U	340	1500
Bis(2-ethylhexyl) phthalate	1500	U	240	1500
Butyl benzyl phthalate	1500	U	240	1500
Carbazole	1200	J	240	1500
Chrysene	7200		250	1500
Di-n-butyl phthalate	1500	U	280	1500
Di-n-octyl phthalate	1500	U	210	1500
4-Bromophenyl phenyl ether	1500	U	220	1500
4-Chloroaniline	1500	U	190	1500
2-Chloronaphthalene	1500	U	250	1500
4-Chlorophenyl phenyl ether	1500	U	250	1500
Dibenz(a,h)anthracene	1100	J	150	1500
Dibenzofuran	330	J	260	1500
Diethyl phthalate	1500	U	280	1500
Dimethyl phthalate	1500	U	250	1500
1,2-Dichlorobenzene	1500	U	240	1500
1,3-Dichlorobenzene	1500	U	200	1500
1,4-Dichlorobenzene	1500	U	260	1500
3,3'-Dichlorobenzidine	2900	U	250	2900
2,4-Dinitrotoluene	1500	U	230	1500
2,6-Dinitrotoluene	1500	U	200	1500
Fluoranthene	15000		270	1500
Fluorene	640	J	270	1500
Hexachlorobenzene	1500	U	290	1500
Hexachlorobutadiene	1500	U	250	1500
Hexachlorocyclopentadiene	2900	U	370	2900
Hexachloroethane	1500	U	230	1500
Indeno[1,2,3-cd]pyrene	5700		160	1500
Isophorone	1500	U	270	1500
2-Methylnaphthalene	1500	U	270	1500
Naphthalene	1500	U	260	1500
2-Nitroaniline	7100	U	240	7100
3-Nitroaniline	7100	U	230	7100
Nitrobenzene	1500	U	290	1500
N-Nitrosodi-n-propylamine	1500	U	300	1500

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(0-2)

Lab Sample ID: 220-4909-3
Client Matrix: Solid % Moisture: 11.7

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 4.0
Date Analyzed: 05/09/2008 2300
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15808
Prep Batch: 220-15718

Instrument ID: HP 6890/5975
Lab File ID: A9370.D
Initial Weight/Volume: 15.32 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	1500	U	240	1500
Phenanthrene	8600		260	1500
Pyrene	12000		290	1500
1,2,4-Trichlorobenzene	1500	U	240	1500
4-Chloro-3-methylphenol	1500	U	220	1500
2-Chlorophenol	1500	U	270	1500
2-Methylphenol	1500	U	220	1500
4-Methylphenol	1500	U	290	1500
2,4-Dichlorophenol	1500	U	250	1500
2,4-Dimethylphenol	1500	U	190	1500
2,4-Dinitrophenol	7100	U *	1600	7100
4,6-Dinitro-2-methylphenol	7100	U	110	7100
2-Nitrophenol	1500	U	210	1500
4-Nitrophenol	7100	U	270	7100
Pentachlorophenol	7100	U	150	7100
Phenol	1500	U	240	1500
2,4,5-Trichlorophenol	7100	U	220	7100
2,4,6-Trichlorophenol	1500	U	240	1500
Benzyl alcohol	1500	U	210	1500
4-Nitroaniline	2900	U	220	2900
2,2'-oxybis[1-chloropropane]	1500	U	280	1500

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	67	32 - 131
2-Fluorophenol	58	25 - 113
2,4,6-Tribromophenol	73	24 - 150
Nitrobenzene-d5	54	25 - 120
Phenol-d5	61	27 - 122
Terphenyl-d14	77	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(0-2)

Lab Sample ID: 220-4909-4
Client Matrix: Solid
% Moisture: 6.2
Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 1928
Date Prepared: 05/07/2008 1957
Analysis Batch: 220-15758
Prep Batch: 220-15718
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5183.D
Initial Weight/Volume: 15.73 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		340	U	59	340
Acenaphthylene		340	U	63	340
Anthracene		340	U	61	340
Benzo[a]anthracene		54	J	51	340
Benzo[a]pyrene		340	U	38	340
Benzo[b]fluoranthene		340	U	49	340
Benzo[g,h,i]perylene		340	U	39	340
Benzo[k]fluoranthene		340	U	44	340
Bis(2-chloroethoxy)methane		340	U	56	340
Bis(2-chloroethyl)ether		340	U	77	340
Bis(2-ethylhexyl) phthalate		340	U	54	340
Butyl benzyl phthalate		340	U	56	340
Carbazole		340	U	55	340
Chrysene		340	U	58	340
Di-n-butyl phthalate		340	U	64	340
Di-n-octyl phthalate		340	U	48	340
4-Bromophenyl phenyl ether		340	U	50	340
4-Chloroaniline		340	U	45	340
2-Chloronaphthalene		340	U	58	340
4-Chlorophenyl phenyl ether		340	U	58	340
Dibenz(a,h)anthracene		340	U	35	340
Dibenzofuran		340	U	60	340
Diethyl phthalate		340	U	64	340
Dimethyl phthalate		340	U	58	340
1,2-Dichlorobenzene		340	U	55	340
1,3-Dichlorobenzene		340	U	46	340
1,4-Dichlorobenzene		340	U	59	340
3,3'-Dichlorobenzidine		670	U	56	670
2,4-Dinitrotoluene		340	U	52	340
2,6-Dinitrotoluene		340	U	45	340
Fluoranthene		100	J	61	340
Fluorene		340	U	62	340
Hexachlorobenzene		340	U	66	340
Hexachlorobutadiene		340	U	58	340
Hexachlorocyclopentadiene		670	U	85	670
Hexachloroethane		340	U	53	340
Indeno[1,2,3-cd]pyrene		340	U	37	340
Isophorone		340	U	63	340
2-Methylnaphthalene		340	U	63	340
Naphthalene		340	U	60	340
2-Nitroaniline		1600	U	54	1600
3-Nitroaniline		1600	U	52	1600
Nitrobenzene		340	U	67	340
N-Nitrosodi-n-propylamine		340	U	68	340

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(0-2)

Lab Sample ID: 220-4909-4
Client Matrix: Solid

% Moisture: 6.2

Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 1928
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5183.D
Initial Weight/Volume: 15.73 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	340	U	55	340
Phenanthrene	340	U	60	340
Pyrene	95	J	67	340
1,2,4-Trichlorobenzene	340	U	56	340
4-Chloro-3-methylphenol	340	U	49	340
2-Chlorophenol	340	U	62	340
2-Methylphenol	340	U	50	340
4-Methylphenol	340	U	65	340
2,4-Dichlorophenol	340	U	57	340
2,4-Dimethylphenol	340	U	45	340
2,4-Dinitrophenol	1600	U	220	1600
4,6-Dinitro-2-methylphenol	1600	U	25	1600
2-Nitrophenol	340	U	48	340
4-Nitrophenol	1600	U	61	1600
Pentachlorophenol	1600	U	34	1600
Phenol	340	U	56	340
2,4,5-Trichlorophenol	1600	U	50	1600
2,4,6-Trichlorophenol	340	U	55	340
Benzyl alcohol	340	U	48	340
4-Nitroaniline	670	U	52	670
2,2'-oxybis[1-chloropropane]	340	U	65	340

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	32 - 131
2-Fluorophenol	65	25 - 113
2,4,6-Tribromophenol	63	24 - 150
Nitrobenzene-d5	66	25 - 120
Phenol-d5	65	27 - 122
Terphenyl-d14	75	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

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

Lab Sample ID: 220-4909-5
Client Matrix: Solid
% Moisture: 7.8

Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 1952
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5184.D
Initial Weight/Volume: 15.28 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		350	U	62	350
Acenaphthylene		350	U	66	350
Anthracene		350	U	63	350
Benzo[a]anthracene		350	U	53	350
Benzo[a]pyrene		350	U	40	350
Benzo[b]fluoranthene		350	U	51	350
Benzo[g,h,i]perylene		350	U	41	350
Benzo[k]fluoranthene		350	U	46	350
Bis(2-chloroethoxy)methane		350	U	59	350
Bis(2-chloroethyl)ether		350	U	81	350
Bis(2-ethylhexyl) phthalate		810		57	350
Butyl benzyl phthalate		350	U	58	350
Carbazole		350	U	57	350
Chrysene		350	U	61	350
Di-n-butyl phthalate		350	U	67	350
Di-n-octyl phthalate		350	U	51	350
4-Bromophenyl phenyl ether		350	U	53	350
4-Chloroaniline		350	U	47	350
2-Chloronaphthalene		350	U	61	350
4-Chlorophenyl phenyl ether		350	U	61	350
Dibenz(a,h)anthracene		350	U	36	350
Dibenzofuran		350	U	63	350
Diethyl phthalate		350	U	67	350
Dimethyl phthalate		350	U	61	350
1,2-Dichlorobenzene		350	U	57	350
1,3-Dichlorobenzene		350	U	48	350
1,4-Dichlorobenzene		350	U	62	350
3,3'-Dichlorobenzidine		700	U	59	700
2,4-Dinitrotoluene		350	U	54	350
2,6-Dinitrotoluene		350	U	47	350
Fluoranthene		350	U	64	350
Fluorene		350	U	65	350
Hexachlorobenzene		350	U	69	350
Hexachlorobutadiene		350	U	61	350
Hexachlorocyclopentadiene		700	U	89	700
Hexachloroethane		350	U	56	350
Indeno[1,2,3-cd]pyrene		350	U	39	350
Isophorone		350	U	66	350
2-Methylnaphthalene		350	U	66	350
Naphthalene		350	U	63	350
2-Nitroaniline		1700	U	56	1700
3-Nitroaniline		1700	U	54	1700
Nitrobenzene		350	U	70	350
N-Nitrosodi-n-propylamine		350	U	71	350

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

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

Lab Sample ID: 220-4909-5
Client Matrix: Solid

% Moisture: 7.8

Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 1952
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5184.D
Initial Weight/Volume: 15.28 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	350	U	58	350
Phenanthrene	350	U	62	350
Pyrene	350	U	71	350
1,2,4-Trichlorobenzene	350	U	58	350
4-Chloro-3-methylphenol	350	U	52	350
2-Chlorophenol	350	U	65	350
2-Methylphenol	350	U	52	350
4-Methylphenol	350	U	69	350
2,4-Dichlorophenol	350	U	60	350
2,4-Dimethylphenol	350	U	47	350
2,4-Dinitrophenol	1700	U	230	1700
4,6-Dinitro-2-methylphenol	1700	U	26	1700
2-Nitrophenol	350	U	50	350
4-Nitrophenol	1700	U	64	1700
Pentachlorophenol	1700	U	35	1700
Phenol	350	U	59	350
2,4,5-Trichlorophenol	1700	U	53	1700
2,4,6-Trichlorophenol	350	U	58	350
Benzyl alcohol	350	U	50	350
4-Nitroaniline	700	U	54	700
2,2'-oxybis[1-chloropropane]	350	U	68	350

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	71	32 - 131
2-Fluorophenol	66	25 - 113
2,4,6-Tribromophenol	63	24 - 150
Nitrobenzene-d5	65	25 - 120
Phenol-d5	70	27 - 122
Terphenyl-d14	80	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(1-2)

Lab Sample ID: 220-4909-6
Client Matrix: Solid
% Moisture: 20.2

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2125
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5188.D
Initial Weight/Volume: 15.13 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		410	U	73	410
Acenaphthylene		410	U	77	410
Anthracene		490		74	410
Benzo[a]anthracene		960		62	410
Benzo[a]pyrene		810		47	410
Benzo[b]fluoranthene		1100		59	410
Benzo[g,h,i]perylene		700		47	410
Benzo[k]fluoranthene		450		54	410
Bis(2-chloroethoxy)methane		410	U	69	410
Bis(2-chloroethyl)ether		410	U	94	410
Bis(2-ethylhexyl) phthalate		97	J	66	410
Butyl benzyl phthalate		410	U	68	410
Carbazole		100	J	67	410
Chrysene		1000		71	410
Di-n-butyl phthalate		410	U	78	410
Di-n-octyl phthalate		410	U	59	410
4-Bromophenyl phenyl ether		410	U	62	410
4-Chloroaniline		410	U	55	410
2-Chloronaphthalene		410	U	71	410
4-Chlorophenyl phenyl ether		410	U	71	410
Dibenz(a,h)anthracene		150	J	42	410
Dibenzofuran		410	U	73	410
Diethyl phthalate		410	U	78	410
Dimethyl phthalate		410	U	71	410
1,2-Dichlorobenzene		410	U	67	410
1,3-Dichlorobenzene		410	U	56	410
1,4-Dichlorobenzene		410	U	72	410
3,3'-Dichlorobenzidine		820	U	69	820
2,4-Dinitrotoluene		410	U	63	410
2,6-Dinitrotoluene		410	U	55	410
Fluoranthene		2200		74	410
Fluorene		95	J	76	410
Hexachlorobenzene		410	U	80	410
Hexachlorobutadiene		410	U	71	410
Hexachlorocyclopentadiene		820	U	100	820
Hexachloroethane		410	U	65	410
Indeno[1,2,3-cd]pyrene		730		46	410
Isophorone		410	U	77	410
2-Methylnaphthalene		410	U	77	410
Naphthalene		410	U	73	410
2-Nitroaniline		2000	U	66	2000
3-Nitroaniline		2000	U	63	2000
Nitrobenzene		410	U	81	410
N-Nitrosodi-n-propylamine		410	U	83	410

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(1-2)

Lab Sample ID: 220-4909-6
Client Matrix: Solid % Moisture: 20.2

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2125
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5188.D
Initial Weight/Volume: 15.13 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	410	U	67	410
Phenanthrene	1500		73	410
Pyrene	2200		82	410
1,2,4-Trichlorobenzene	410	U	68	410
4-Chloro-3-methylphenol	410	U	60	410
2-Chlorophenol	410	U	75	410
2-Methylphenol	410	U	61	410
4-Methylphenol	410	U	80	410
2,4-Dichlorophenol	410	U	70	410
2,4-Dimethylphenol	410	U	54	410
2,4-Dinitrophenol	2000	U	270	2000
4,6-Dinitro-2-methylphenol	2000	U	30	2000
2-Nitrophenol	410	U	58	410
4-Nitrophenol	2000	U	75	2000
Pentachlorophenol	2000	U	41	2000
Phenol	410	U	69	410
2,4,5-Trichlorophenol	2000	U	61	2000
2,4,6-Trichlorophenol	410	U	68	410
Benzyl alcohol	410	U	58	410
4-Nitroaniline	820	U	63	820
2,2'-oxybis[1-chloropropane]	410	U	80	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	72	32 - 131
2-Fluorophenol	69	25 - 113
2,4,6-Tribromophenol	72	24 - 150
Nitrobenzene-d5	69	25 - 120
Phenol-d5	71	27 - 122
Terphenyl-d14	88	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(1-2)

Lab Sample ID: 220-4909-7
Client Matrix: Solid % Moisture: 7.6

Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2015
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5185.D
Initial Weight/Volume: 15.28 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene	350	U	62	350
Acenaphthylene	350	U	66	350
Anthracene	350	U	63	350
Benzo[a]anthracene	350	U	53	350
Benzo[a]pyrene	350	U	40	350
Benzo[b]fluoranthene	350	U	51	350
Benzo[g,h,i]perylene	350	U	40	350
Benzo[k]fluoranthene	350	U	46	350
Bis(2-chloroethoxy)methane	350	U	59	350
Bis(2-chloroethyl)ether	350	U	81	350
Bis(2-ethylhexyl) phthalate	560		57	350
Butyl benzyl phthalate	350	U	58	350
Carbazole	350	U	57	350
Chrysene	350	U	61	350
Di-n-butyl phthalate	350	U	67	350
Di-n-octyl phthalate	350	U	51	350
4-Bromophenyl phenyl ether	350	U	53	350
4-Chloroaniline	350	U	47	350
2-Chloronaphthalene	350	U	61	350
4-Chlorophenyl phenyl ether	350	U	61	350
Dibenz(a,h)anthracene	350	U	36	350
Dibenzofuran	350	U	62	350
Diethyl phthalate	350	U	67	350
Dimethyl phthalate	350	U	61	350
1,2-Dichlorobenzene	350	U	57	350
1,3-Dichlorobenzene	350	U	48	350
1,4-Dichlorobenzene	350	U	62	350
3,3'-Dichlorobenzidine	700	U	59	700
2,4-Dinitrotoluene	350	U	54	350
2,6-Dinitrotoluene	350	U	47	350
Fluoranthene	350	U	64	350
Fluorene	350	U	65	350
Hexachlorobenzene	350	U	69	350
Hexachlorobutadiene	350	U	61	350
Hexachlorocyclopentadiene	700	U	89	700
Hexachloroethane	350	U	56	350
Indeno[1,2,3-cd]pyrene	350	U	39	350
Isophorone	350	U	66	350
2-Methylnaphthalene	350	U	66	350
Naphthalene	350	U	63	350
2-Nitroaniline	1700	U	56	1700
3-Nitroaniline	1700	U	54	1700
Nitrobenzene	350	U	70	350
N-Nitrosodi-n-propylamine	350	U	71	350

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(1-2)

Lab Sample ID: 220-4909-7
Client Matrix: Solid
% Moisture: 7.6
Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2015
Date Prepared: 05/07/2008 1957
Analysis Batch: 220-15758
Prep Batch: 220-15718
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5185.D
Initial Weight/Volume: 15.28 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		350	U	57	350
Phenanthrene		350	U	62	350
Pyrene		350	U	70	350
1,2,4-Trichlorobenzene		350	U	58	350
4-Chloro-3-methylphenol		350	U	52	350
2-Chlorophenol		350	U	65	350
2-Methylphenol		350	U	52	350
4-Methylphenol		350	U	68	350
2,4-Dichlorophenol		350	U	60	350
2,4-Dimethylphenol		350	U	47	350
2,4-Dinitrophenol		1700	U	230	1700
4,6-Dinitro-2-methylphenol		1700	U	26	1700
2-Nitrophenol		350	U	50	350
4-Nitrophenol		1700	U	64	1700
Pentachlorophenol		1700	U	35	1700
Phenol		350	U	59	350
2,4,5-Trichlorophenol		1700	U	53	1700
2,4,6-Trichlorophenol		350	U	58	350
Benzyl alcohol		350	U	50	350
4-Nitroaniline		700	U	54	700
2,2'-oxybis[1-chloropropane]		350	U	68	350

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	65	32 - 131
2-Fluorophenol	61	25 - 113
2,4,6-Tribromophenol	61	24 - 150
Nitrobenzene-d5	60	25 - 120
Phenol-d5	63	27 - 122
Terphenyl-d14	81	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-3(2-3)

Lab Sample ID: 220-4909-8
Client Matrix: Solid

% Moisture: 13.0

Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2038
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5186.D
Initial Weight/Volume: 15.19 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		370	U	66	370
Acenaphthylene		370	U	70	370
Anthracene		370	U	68	370
Benzo[a]anthracene		370	U	57	370
Benzo[a]pyrene		370	U	43	370
Benzo[b]fluoranthene		370	U	54	370
Benzo[g,h,i]perylene		370	U	43	370
Benzo[k]fluoranthene		370	U	49	370
Bis(2-chloroethoxy)methane		370	U	63	370
Bis(2-chloroethyl)ether		370	U	86	370
Bis(2-ethylhexyl) phthalate		1100		61	370
Butyl benzyl phthalate		370	U	62	370
Carbazole		370	U	61	370
Chrysene		370	U	65	370
Di-n-butyl phthalate		370	U	72	370
Di-n-octyl phthalate		370	U	54	370
4-Bromophenyl phenyl ether		370	U	56	370
4-Chloroaniline		370	U	50	370
2-Chloronaphthalene		370	U	65	370
4-Chlorophenyl phenyl ether		370	U	65	370
Dibenz(a,h)anthracene		370	U	39	370
Dibenzofuran		370	U	67	370
Diethyl phthalate		370	U	71	370
Dimethyl phthalate		370	U	65	370
1,2-Dichlorobenzene		370	U	61	370
1,3-Dichlorobenzene		370	U	51	370
1,4-Dichlorobenzene		370	U	66	370
3,3'-Dichlorobenzidine		750	U	63	750
2,4-Dinitrotoluene		370	U	58	370
2,6-Dinitrotoluene		370	U	51	370
Fluoranthene		370	U	68	370
Fluorene		370	U	70	370
Hexachlorobenzene		370	U	73	370
Hexachlorobutadiene		370	U	65	370
Hexachlorocyclopentadiene		750	U	95	750
Hexachloroethane		370	U	60	370
Indeno[1,2,3-cd]pyrene		370	U	42	370
Isophorone		370	U	70	370
2-Methylnaphthalene		370	U	70	370
Naphthalene		370	U	67	370
2-Nitroaniline		1800	U	60	1800
3-Nitroaniline		1800	U	58	1800
Nitrobenzene		370	U	74	370
N-Nitrosodi-n-propylamine		370	U	76	370

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-3(2-3)

Lab Sample ID: 220-4909-8
Client Matrix: Solid
% Moisture: 13.0
Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2038
Date Prepared: 05/07/2008 1957
Analysis Batch: 220-15758
Prep Batch: 220-15718
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5186.D
Initial Weight/Volume: 15.19 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	370	U	61	370
Phenanthrene	370	U	67	370
Pyrene	370	U	75	370
1,2,4-Trichlorobenzene	370	U	62	370
4-Chloro-3-methylphenol	370	U	55	370
2-Chlorophenol	370	U	69	370
2-Methylphenol	370	U	55	370
4-Methylphenol	370	U	73	370
2,4-Dichlorophenol	370	U	64	370
2,4-Dimethylphenol	370	U	50	370
2,4-Dinitrophenol	1800	U	250	1800
4,6-Dinitro-2-methylphenol	1800	U	28	1800
2-Nitrophenol	370	U	53	370
4-Nitrophenol	1800	U	68	1800
Pentachlorophenol	1800	U	38	1800
Phenol	370	U	63	370
2,4,5-Trichlorophenol	1800	U	56	1800
2,4,6-Trichlorophenol	370	U	62	370
Benzyl alcohol	370	U	53	370
4-Nitroaniline	750	U	58	750
2,2'-oxybis[1-chloropropane]	370	U	73	370

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	32 - 131
2-Fluorophenol	72	25 - 113
2,4,6-Tribromophenol	67	24 - 150
Nitrobenzene-d5	72	25 - 120
Phenol-d5	73	27 - 122
Terphenyl-d14	86	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IB-1

Lab Sample ID: 220-4909-9
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 05/02/2008 1135
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2102
Date Prepared: 05/07/2008 1957
Analysis Batch: 220-15758
Prep Batch: 220-15718
Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5187.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		390	U	69	390
Acenaphthylene		390	U	73	390
Anthracene		390	U	71	390
Benzo[a]anthracene		390	U	59	390
Benzo[a]pyrene		390	U	44	390
Benzo[b]fluoranthene		390	U	57	390
Benzo[g,h,i]perylene		390	U	45	390
Benzo[k]fluoranthene		390	U	51	390
Bis(2-chloroethoxy)methane		390	U	66	390
Bis(2-chloroethyl)ether		390	U	90	390
Bis(2-ethylhexyl) phthalate		390	U	63	390
Butyl benzyl phthalate		390	U	65	390
Carbazole		390	U	64	390
Chrysene		390	U	68	390
Di-n-butyl phthalate		390	U	75	390
Di-n-octyl phthalate		390	U	56	390
4-Bromophenyl phenyl ether		390	U	59	390
4-Chloroaniline		390	U	52	390
2-Chloronaphthalene		390	U	68	390
4-Chlorophenyl phenyl ether		390	U	68	390
Dibenz(a,h)anthracene		390	U	40	390
Dibenzofuran		390	U	70	390
Diethyl phthalate		390	U	74	390
Dimethyl phthalate		390	U	68	390
1,2-Dichlorobenzene		390	U	64	390
1,3-Dichlorobenzene		390	U	53	390
1,4-Dichlorobenzene		390	U	69	390
3,3'-Dichlorobenzidine		780	U	66	780
2,4-Dinitrotoluene		390	U	61	390
2,6-Dinitrotoluene		390	U	53	390
Fluoranthene		390	U	71	390
Fluorene		390	U	73	390
Hexachlorobenzene		390	U	76	390
Hexachlorobutadiene		390	U	68	390
Hexachlorocyclopentadiene		780	U	99	780
Hexachloroethane		390	U	62	390
Indeno[1,2,3-cd]pyrene		390	U	44	390
Isophorone		390	U	73	390
2-Methylnaphthalene		390	U	73	390
Naphthalene		390	U	70	390
2-Nitroaniline		1900	U	63	1900
3-Nitroaniline		1900	U	60	1900
Nitrobenzene		390	U	78	390
N-Nitrosodi-n-propylamine		390	U	79	390

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IB-1

Lab Sample ID: 220-4909-9
Client Matrix: Solid

% Moisture: 15.6

Date Sampled: 05/02/2008 1135
Date Received: 05/07/2008 0938

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 05/08/2008 2102
Date Prepared: 05/07/2008 1957

Analysis Batch: 220-15758
Prep Batch: 220-15718

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z5187.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		390	U	64	390
Phenanthrene		390	U	69	390
Pyrene		390	U	79	390
1,2,4-Trichlorobenzene		390	U	65	390
4-Chloro-3-methylphenol		390	U	57	390
2-Chlorophenol		390	U	72	390
2-Methylphenol		390	U	58	390
4-Methylphenol		390	U	76	390
2,4-Dichlorophenol		390	U	66	390
2,4-Dimethylphenol		390	U	52	390
2,4-Dinitrophenol		1900	U	260	1900
4,6-Dinitro-2-methylphenol		1900	U	29	1900
2-Nitrophenol		390	U	56	390
4-Nitrophenol		1900	U	71	1900
Pentachlorophenol		1900	U	39	1900
Phenol		390	U	65	390
2,4,5-Trichlorophenol		1900	U	59	1900
2,4,6-Trichlorophenol		390	U	65	390
Benzyl alcohol		390	U	55	390
4-Nitroaniline		780	U	60	780
2,2'-oxybis[1-chloropropane]		390	U	76	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	32 - 131
2-Fluorophenol	74	25 - 113
2,4,6-Tribromophenol	69	24 - 150
Nitrobenzene-d5	74	25 - 120
Phenol-d5	76	27 - 122
Terphenyl-d14	94	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(0-2)

Lab Sample ID: 220-4909-1
Client Matrix: Solid
% Moisture: 7.0
Date Sampled: 04/28/2008 0930
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1258
Date Prepared: 05/16/2008 1051
Analysis Batch: 220-16095
Prep Batch: 220-15977
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.12 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		10.4		0.34	3.6
Aluminum		5320		75.6	120
Arsenic		2.5	J	0.74	6.0
Barium		30.9		0.26	2.4
Beryllium		0.34	J	0.26	1.7
Calcium		41600		13.2	240
Cadmium		6.0	U	0.62	6.0
Cobalt		3.1		0.24	2.4
Chromium		9.7		0.34	3.6
Copper		96.0		0.72	6.0
Iron		10300		8.4	72.0
Potassium		858		20.4	240
Magnesium		21300		12.0	42.0
Manganese		343		0.24	7.2
Sodium		109	J	13.2	240
Nickel		8.0		0.62	6.0
Lead		48.1		0.50	6.0
Antimony		12.0	U	1.4	12.0
Selenium		12.0	U	1.1	12.0
Thallium		8.4	U	3.7	8.4
Vanadium		9.5		0.22	4.8
Zinc		127		1.8	24.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1102
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.61 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.14		0.016	0.053

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IW-2(6-8)

Lab Sample ID: 220-4909-2
Client Matrix: Solid
% Moisture: 13.5
Date Sampled: 04/29/2008 0930
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1307
Date Prepared: 05/16/2008 1051
Analysis Batch: 220-16095
Prep Batch: 220-15977
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.47 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.9	U	0.28	2.9
Aluminum		13400		61.9	98.3
Arsenic		3.9	J	0.61	4.9
Barium		107		0.22	2.0
Beryllium		0.72	J	0.22	1.4
Calcium		32800		10.8	197
Cadmium		4.9	U	0.51	4.9
Cobalt		8.7		0.20	2.0
Chromium		18.0		0.28	2.9
Copper		19.3		0.59	4.9
Iron		20300		6.9	59.0
Potassium		2560		16.7	197
Magnesium		21900		9.8	34.4
Manganese		537		0.20	5.9
Sodium		200		10.8	197
Nickel		21.2		0.51	4.9
Lead		9.3		0.41	4.9
Antimony		9.8	U	1.2	9.8
Selenium		1.0	J	0.88	9.8
Thallium		6.9	U	3.0	6.9
Vanadium		23.1		0.18	3.9
Zinc		53.3		1.5	19.7

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1106
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.63 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.055	U	0.016	0.055

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(0-2)

Lab Sample ID: 220-4909-3
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1312
Date Prepared: 05/16/2008 1051
Analysis Batch: 220-16095
Prep Batch: 220-15977
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.41 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.0	U	0.28	3.0
Aluminum		5810		63.3	100
Arsenic		4.1	J	0.62	5.0
Barium		35.7		0.22	2.0
Beryllium		0.32	J	0.22	1.4
Calcium		54000		11.0	201
Cadmium		5.0	U	0.52	5.0
Cobalt		3.2		0.20	2.0
Chromium		8.2		0.28	3.0
Copper		13.8		0.60	5.0
Iron		9940		7.0	60.3
Potassium		944		17.1	201
Magnesium		28600		10.0	35.2
Manganese		367		0.20	6.0
Sodium		142	J	11.0	201
Nickel		8.4		0.52	5.0
Lead		46.9		0.42	5.0
Antimony		10.0	U	1.2	10.0
Selenium		1.2	J	0.90	10.0
Thallium		7.0	U	3.1	7.0
Vanadium		10.8		0.18	4.0
Zinc		70.4		1.5	20.1

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1107
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.63 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.063		0.016	0.054

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(0-2)

Lab Sample ID: 220-4909-4
Client Matrix: Solid
% Moisture: 6.2
Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1317
Date Prepared: 05/16/2008 1051
Analysis Batch: 220-16095
Prep Batch: 220-15977
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.23 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.2	U	0.30	3.2
Aluminum		3650		68.2	108
Arsenic		2.8	J	0.67	5.4
Barium		25.5		0.24	2.2
Beryllium		0.25	J	0.24	1.5
Calcium		81000		11.9	217
Cadmium		5.4	U	0.56	5.4
Cobalt		3.2		0.22	2.2
Chromium		5.1		0.30	3.2
Copper		13.1		0.65	5.4
Iron		7540		7.6	65.0
Potassium		1170		18.4	217
Magnesium		29100		10.8	37.9
Manganese		345		0.22	6.5
Sodium		187	J	11.9	217
Nickel		7.9		0.56	5.4
Lead		9.1		0.45	5.4
Antimony		10.8	U	1.3	10.8
Selenium		10.8	U	0.97	10.8
Thallium		7.6	U	3.4	7.6
Vanadium		8.0		0.19	4.3
Zinc		40.0		1.6	21.7

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1108
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.61 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.019	J	0.016	0.052

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

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

Lab Sample ID: 220-4909-5
Client Matrix: Solid
% Moisture: 7.8
Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1321
Date Prepared: 05/16/2008 1051
Analysis Batch: 220-16095
Prep Batch: 220-15977
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.42 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.9	U	0.27	2.9
Aluminum		5500		60.2	95.5
Arsenic		3.4	J	0.59	4.8
Barium		47.0		0.21	1.9
Beryllium		0.34	J	0.21	1.3
Calcium		83100		10.5	191
Cadmium		4.8	U	0.50	4.8
Cobalt		4.4		0.19	1.9
Chromium		9.2		0.27	2.9
Copper		13.8		0.57	4.8
Iron		10500		6.7	57.3
Potassium		1570		16.2	191
Magnesium		36100		9.5	33.4
Manganese		459		0.19	5.7
Sodium		215		10.5	191
Nickel		11.0		0.50	4.8
Lead		12.3		0.40	4.8
Antimony		9.5	U	1.1	9.5
Selenium		1.3	J	0.86	9.5
Thallium		6.7	U	3.0	6.7
Vanadium		13.5		0.17	3.8
Zinc		77.1		1.4	19.1

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1109
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.62 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.016	0.052

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-1(1-2)

Lab Sample ID: 220-4909-6
Client Matrix: Solid
% Moisture: 20.2
Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1326
Date Prepared: 05/16/2008 1051
Analysis Batch: 220-16095
Prep Batch: 220-15977
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.10 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.3	U	0.40	4.3
Aluminum		9910		89.7	142
Arsenic		3.2	J	0.88	7.1
Barium		39.8		0.31	2.8
Beryllium		0.46	J	0.31	2.0
Calcium		1900		15.7	285
Cadmium		7.1	U	0.74	7.1
Cobalt		4.2		0.28	2.8
Chromium		8.7		0.40	4.3
Copper		6.7	J	0.85	7.1
Iron		11500		10	85.4
Potassium		393		24.2	285
Magnesium		1580		14.2	49.8
Manganese		209		0.28	8.5
Sodium		47.6	J	15.7	285
Nickel		9.8		0.74	7.1
Lead		9.1		0.60	7.1
Antimony		14.2	U	1.7	14.2
Selenium		1.6	J	1.3	14.2
Thallium		10	U	4.4	10
Vanadium		16.0		0.26	5.7
Zinc		34.9		2.1	28.5

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1109
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.026	J	0.019	0.063

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-2(1-2)

Lab Sample ID: 220-4909-7
Client Matrix: Solid
% Moisture: 7.6
Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1628
Date Prepared: 05/16/2008 1210
Analysis Batch: 220-16095
Prep Batch: 220-15984
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.28 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.2	U	0.30	3.2
Aluminum		7360		66.6	106
Arsenic		9.0		0.66	5.3
Barium		58.0		0.23	2.1
Beryllium		0.38	J	0.23	1.5
Calcium		87200		11.6	211
Cadmium		5.3	U	0.55	5.3
Cobalt		14.7		0.21	2.1
Chromium		17.0		0.30	3.2
Copper		17.9		0.63	5.3
Iron		10900		7.4	63.4
Potassium		2490		18.0	211
Magnesium		26100		10.6	37.0
Manganese		1090		0.21	6.3
Sodium		295		11.6	211
Nickel		24.9		0.55	5.3
Lead		20.3		0.44	5.3
Antimony		10.6	U	1.3	10.6
Selenium		10.6	U	0.95	10.6
Thallium		7.4	U	3.3	7.4
Vanadium		40.9		0.19	4.2
Zinc		128		1.6	21.1

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1113
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.61 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.093		0.016	0.053

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: SB-3(2-3)

Lab Sample ID: 220-4909-8
Client Matrix: Solid
% Moisture: 13.0
Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1633
Date Prepared: 05/16/2008 1210
Analysis Batch: 220-16095
Prep Batch: 220-15984
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.45 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.0	U	0.28	3.0
Aluminum		6150		62.4	99.1
Arsenic		3.6	J	0.61	5.0
Barium		37.7		0.22	2.0
Beryllium		0.29	J	0.22	1.4
Calcium		74500		10.9	198
Cadmium		5.0	U	0.52	5.0
Cobalt		5.6		0.20	2.0
Chromium		11.9		0.28	3.0
Copper		22.6		0.59	5.0
Iron		12100		6.9	59.4
Potassium		1090		16.8	198
Magnesium		34400		9.9	34.7
Manganese		564		0.20	5.9
Sodium		225		10.9	198
Nickel		14.1		0.52	5.0
Lead		9.3		0.42	5.0
Antimony		9.9	U	1.2	9.9
Selenium		9.9	U	0.89	9.9
Thallium		3.2	J	3.1	6.9
Vanadium		22.4		0.18	4.0
Zinc		116		1.5	19.8

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1114
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.63 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.029	J	0.016	0.055

Client: S & W Redevelopment LLC

Job Number: 220-4909-1
Sdg Number: 220-4909

Client Sample ID: IB-1

Lab Sample ID: 220-4909-9
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 05/02/2008 1135
Date Received: 05/07/2008 0938

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/19/2008 1637
Date Prepared: 05/16/2008 1210
Analysis Batch: 220-16095
Prep Batch: 220-15984
Instrument ID: TJA Trace ICAP
Lab File ID: W051908
Initial Weight/Volume: 1.17 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.8	U	0.35	3.8
Aluminum		17100		79.8	127
Arsenic		5.9	J	0.79	6.3
Barium		133		0.28	2.5
Beryllium		0.82	J	0.28	1.8
Calcium		52900		13.9	253
Cadmium		6.3	U	0.66	6.3
Cobalt		14.6		0.25	2.5
Chromium		25.3		0.35	3.8
Copper		23.7		0.76	6.3
Iron		26900		8.9	76.0
Potassium		3800		21.5	253
Magnesium		17200		12.7	44.3
Manganese		615		0.25	7.6
Sodium		273		13.9	253
Nickel		30.0		0.66	6.3
Lead		10.9		0.53	6.3
Antimony		12.7	U	1.5	12.7
Selenium		12.7	U	1.1	12.7
Thallium		5.2	J	3.9	8.9
Vanadium		33.8		0.23	5.1
Zinc		67.2		1.9	25.3

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 05/19/2008 1115
Date Prepared: 05/16/2008 1424
Analysis Batch: 220-16048
Prep Batch: 220-15990
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.059	U	0.018	0.059

General Chemistry

Client Sample ID: IW-2(0-2)

Lab Sample ID: 220-4909-1
Client Matrix: Solid

Date Sampled: 04/28/2008 0930
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.02		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	93.0		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			

Client Sample ID: IW-2(6-8)

Lab Sample ID: 220-4909-2
Client Matrix: Solid

Date Sampled: 04/29/2008 0930
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.5		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	86.5		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			

Client Sample ID: SB-1(0-2)

Lab Sample ID: 220-4909-3
Client Matrix: Solid

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.7		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	88.3		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			

General Chemistry

Client Sample ID: SB-2(0-2)

Lab Sample ID: 220-4909-4
Client Matrix: Solid

Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.16		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	93.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			

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

Lab Sample ID: 220-4909-5
Client Matrix: Solid

Date Sampled: 05/05/2008 1500
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.81		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	92.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			

Client Sample ID: SB-1(1-2)

Lab Sample ID: 220-4909-6
Client Matrix: Solid

Date Sampled: 05/05/2008 1330
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	79.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			

Client Sample ID: SB-2(1-2)

Lab Sample ID: 220-4909-7
Client Matrix: Solid

Date Sampled: 05/05/2008 1350
Date Received: 05/07/2008 0938

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.62		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			
Percent Solids	92.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-15713		Date Analyzed	05/07/2008 1521			