EBIZNEWDOC

EBIZNEWDOC

Write or Copy/Paste Document Title In This Space

Report.BCP.C734102.2008-08-18.IRM_MW5_Rpt.PDF

DO NOT PHOTOCOPY. PRINT FROM PDF VERSION ONLY.

EBIZNEWDOC

EBIZNEWDOC

Report

Interim Remedial Measure: MW-5
Brownfield Cleanup Program
P&S Boyd Ave Site
Solvay, New York

BCP Site # C734102

August 2008

S&W
REDEVELOPMENT

REPORT
INTERIM REMEDIAL MEASURE: MW-5
BROWNFIELD CLEANUP PROGRAM
P&S BOYD AVE SITE
SOLVAY, NEW YORK

Prepared for

PASS & SEYMOUR, INC
50 Boyd Avenue
Solvay, New York

Prepared by

S&W Redevelopment
of North America, LLC
430 East Genesee Street
Syracuse, New York 13202

August 2008

Project No. N5005

S&W REDEVELOPMENT

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

SECTION 1 – INTRODUCTION

Pass & Seymour (P&S) is presently conducting a Remedial Investigation (RI) at its Boyd Avenue site, located at 50 Boyd Avenue in the village of Solvay, Onondaga County, New York (Figure 1). The RI is being carried out in accordance with a Brownfield Cleanup Agreement (Site # C734102) with the New York State Department of Environmental Conservation (NYSDEC). The RI determined the presence of light non-aqueous phase liquid (LNAPL) in a single monitoring well, MW-5, located in the southwest portion of the site, in a former parking lot area (see Figure 2).

This Report describes an Interim Remedial Measure (IRM) that was completed at the site to address the LNAPL observed in MW-5. The IRM was conducted in accordance with an NYSDEC-approved IRM Work Plan [S&W Redevelopment of North America LLC (SWRNA), March 2008] to identify and remove the potential LNAPL source, along with potentially impacted subsurface media (soil and groundwater).

1.1 - BACKGROUND

MW-5, one of a number of groundwater monitoring wells installed prior to the Brownfield RI, was scheduled for decommissioning in October 2007, in accordance with an NYSDEC-approved well-decommissioning plan (SWRNA, September 2007).

Prior to decommissioning each of the previously-existing monitoring wells, the depth of the wells and the depth to groundwater were measured by SWRNA personnel. When these measurements were made for MW-5, several inches of a dark brown/black LNAPL was discovered. The brownfield site NYSDEC project manager and the New York State Spills Hotline were called upon discovery of the LNAPL, and Spill No. 0707863 was assigned to the site.

Because of the discovery of LNAPL, well MW-5 was not decommissioned. Instead, bailing was initiated to evaluate the volume of LNAPL present and it recoverability. Periodic bailing from October 2007 through January 2008 removed approximately 0.8 gallons of LNAPL along with approximately 25 gallons of groundwater, which was contained in a 55-gallon drum at the site.

During each of the LNAPL bailing episodes at MW-5, the well was typically bailed dry after approximately 1 to 2 gallons (total liquid volume). Field observations from the bailing program determined that 1 to 2 inches of LNAPL typically returned to the well within 3 to 4 days.

The total depth of MW-5 is approximately 21 feet below ground surface (bgs), and the depth to groundwater in MW-5 is approximately 12 to 13 feet bgs. MW-5 is located in the western portion of the site, in the southern portion of what was historically a parking lot (Figure 2). No buildings, other structures, or operations are known to have occurred at its location. None of the RI monitoring wells, neither in the western former parking lot area nor anywhere else at the site, contained LNAPL. RI monitoring wells in the western former parking lot have produced groundwater samples that contain organic compounds below Class GA groundwater quality standards. There is no suggestion of a LNAPL source.

Based on RI findings and observations from the LNAPL bailing, the LNAPL discovered in MW-5 appeared to represent a discrete and localized area of contamination. P&S and NYSDEC concurred that the LNAPL contamination be addressed as an IRM, to remove this discrete potential contamination source from the site.

1.2 - IRM APPROACH

This IRM Work Plan described the objectives and approach of the IRM, consistent with New York State Department of Environmental Conservation (NYSDEC) BCP Guidance, and NYSDEC's DER-10 *Technical Guidance for Site Investigation and Remediation* (December 2002). The three main IRM elements included:

- **LNAPL Characterization**. An LNAPL sample was collected for laboratory analysis to determine its chemical composition, and chromatographic patterns were evaluated to determine its most likely product type.
- **Soil Excavation**. Soil was excavated around MW-5, and MW-5 was completed removed from the excavation. This was done to identify and remove the potential LNAPL source, determine if soil and/or groundwater

around MW-5 contained residual LNAPL, and if so, to remove residual LNAPL contamination from the site.

- **Confirmatory (End-Point) Sampling**. When evidence of LNAPL contamination and/or LNAPL sources were no longer apparent, soil excavation stopped and confirmatory soil samples were collected from the excavation sidewalls and bottom to ensure contaminated material had been removed to acceptable levels in accordance with Part 375 Brownfield Soil Cleanup Objectives (SCOs). A groundwater sample was also to be collected if any was observed in the excavation.

The IRM followed applicable provisions of the previously approved Remedial Investigation Work Plan (SWRNA, July 2005), including the Site Health and Safety Plan, Quality Assurance Project Plan, Citizen Participation Plan, and Community Air Monitoring Plan, as approved by NYSDEC.

The following sections of this IRM Report provide a detailed discussion of IRM methods and findings, with a recommendation of no further action to address LNAPL issues relative to MW-5.

SECTION 2 – IRM METHODS

This section describes the approach taken to remove LNAPL and associated contamination from the site as an IRM.

2.1 - LNAPL CHARACTERIZATION

A sample of the LNAPL was collected for analysis to determine its chemical composition. Compound-specific analysis included volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and PCBs. In addition to reporting the compounds present in the LNAPL, the laboratory provided a forensic assessment of the probable derivation of the LNAPL based on chromatographic evidence (e.g. crude oil derivative such as gasoline or fuel oil vs. combustion derivatives such as tar- or asphalt-based product). Laboratory analytical results for the LNAPL sample are included in this IRM Report as Appendix A.

2.2 - CONTAMINANT EXCAVATION AND REMOVAL

The objective of the IRM was to identify and remove by excavation LNAPL and potential LNAPL sources near MW-5. MW-5 was itself removed from the excavation area by this process. Any LNAPL and contaminated groundwater encountered during excavation was to be removed by vacuum (vac) truck. Soil potentially containing LNAPL was to be removed from the excavation and stockpiled for off-site disposal.

Excavation began directly adjacent to well MW-5. Soil was excavated down to groundwater, and the excavation extended away from MW-5 based on field evidence of LNAPL contamination, or evidence of potential LNAPL sources.

The excavation continued horizontally away from MW-5 based on visual, olfactory, or photoionization detector (PID) evidence of LNAPL in soil or groundwater, or in order to remove any structures or containers that were discovered during excavation considered to be potential LNAPL sources (e.g. drums, tanks, pipes).

2.3 - CONFIRMATORY (END-POINT) SAMPLING

Confirmatory soil samples were collected from the bottom and each of the four excavation sidewalls after excavation activities stopped, to ensure contaminated material had been removed to acceptable levels.

The confirmatory soil samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs by EPA Method 8260), semivolatile organic compounds (SVOCs by EPA Method 8270), PCBs (EPA Method 8082), and target analyte list (TAL metals (methods 6010/7141/7142). Analyses was performed by Test America, a New York State certified laboratory. Laboratory analytical reports for confirmatory soil samples are included in Appendix A of this IRM Report.

After the confirmatory soil samples were collected, the excavated area was backfilled with clean imported granular fill.

2.4 - WASTE DISPOSAL

All liquid (LNAPL and contaminated groundwater), contaminated soil, and any structures or buried debris removed from the excavation, was transported off site for disposal at permitted waste disposal facilities. Disposal documentation is included in Appendix B of this IRM Report.

Soil that was removed from the excavation was staged temporarily on site on plastic, and covered with plastic. Based on analytical results of stockpiled soil samples, the stockpiled soil was disposed off site as non-hazardous material at the Auburn Landfill. Soil analytical results for the stockpile are included in Appendix A.

SECTION 3 – IRM RESULTS

3.1 - LNAPL CHARACTERIZATION

A sample of LNAPL was collected by SWRNA on April 28, 2008. A dedicated disposable bailer was lowered into MW-5, and when it was withdrawn a thin film of LNAPL, approximately 1/16 to 1/8 inch thick, was present on the water column in the bailer. A dedicated plastic tube was inserted into the bottom of the bailer to release the check valve, to decant water below the LNAPL into a 55 gallon drum. When most of the water had been removed, the remaining liquid consisting of an LNAPL/water mixture was poured into a clean sample jar provided by the laboratory. This procedure was repeated several times to collect enough LNAPL in the jar for laboratory analysis.

Laboratory analysis for VOCs, SVOCs, PCBs, and metals were conducted on the LNAPL sample, but the detection limits were too high to identify specific compounds (see Appendix A Laboratory Reports). The laboratory indicated the GC Fingerprint analysis suggests that product in the sample is consistent with No. 6 fuel oil. No. 6 fuel oil is also called residual fuel oil (RFO) or heavy fuel oil. It is what remains of crude oil after gasoline and other distillate fuel oils are extracted through distillation.

As previously indicated, MW-5 was located outside the area in which historic site operations occurred, and there is no known on-site source for the LNAPL related to past or present operations. Field observations during soil excavation, discussed below in Section 3.2, indicate that the LNAPL extent is very limited, and likely derived from an inactive underground pipe adjacent to MW-5.

3.2 - SOIL EXCAVATION

Soil excavation at MW-5 occurred on June 12, 2008, and resulted in the removal of approximately 269 tons of soil, to an approximate depth of 12 feet. The area of excavation encompassed approximately 450 square feet in the vicinity of MW-5. No groundwater was observed in the completed excavation.

Native soil in this area was predominantly moist brown silt and sand with intermixed gravel. This was underlain by a clay layer observed at a depth of approximately 10 to 12 feet in the excavation. The bottom of the hole was generally moist, with only a small

quantity of groundwater encountered. Approximately 80 gallons of groundwater were removed by a vac truck.

Small quantities of buried debris were occasionally found across the excavation area, consisting of occasional bits of wood and concrete, and scrap metal. An abandoned network of metallic pipes was also discovered in the excavation. It is not known where the pipes originate or terminate, or what they may have formerly contained. As sections of pipe were removed during excavation, the pipes appeared to be empty except for trace amounts of residual watery liquid. Figure 3 shows the excavation area with the approximate orientation of the pipes that were discovered.

The first pipe discovered was 2-inches in diameter at approximately 1 foot below grade, running southwest to northeast, and passing just south of well MW-5. Excavation continued around and below the pipe, and between 5 to 6 feet below grade another pipe was discovered adjacent to MW-5. Water was observed leaking from this deeper pipe. Soil immediately surrounding the deeper pipe was discolored grey. Excavation continued along the piping, and a sample of grey soil was collected adjacent to the pipe (sample *Piping 2*), where the pipe penetrated the southern excavation sidewall approximately 10 feet south of MW-5.

There was no field evidence of contamination or potential contamination sources west and north of MW-5. The excavation was stopped approximately 10 feet from MW-5 in these two directions, but continued towards the east/northeast to follow the piping near MW-5. Two more pipe runs oriented north-south were discovered approximately 15 feet and 25 feet, respectively, of MW-5. It is not known for certain if the piping adjacent to MW-5 may have connected to one of the western north-south pipe runs, because the first pipe was broken during excavation.

The north-south length of pipe that crossed the center of the excavation, approximately 15 feet east of MW-5, had a union fitting under which a small patch of soil had a slight grey discoloration. A soil sample (*Piping-1*) was collected at that location prior to excavating the area, and approximately 15 feet of piping was removed as the excavation continued eastward.

The excavation widened in the north-south direction as it progressed eastward, to expose more of the two western pipe runs. Aside from the two discrete locations where samples Piping 1 and Piping 2 were collected, there was no visible indication that the pipes had leaked. Soil discoloration was observed, however, adjacent to a concrete block structure that resembled a retaining wall towards the eastern end of the excavation. The structure was removed, along with grayish soil approximately 6 to 8 feet below ground surface.

End-point soil samples were collected from each of the sidewalls and from the bottom of the completed excavation: samples EW-1 (east), NW-1 (north), SW-1 (south), WW-1 (west), and bottom. Sample locations are shown on Figure 3. The PID readings associated with each of these samples are indicated below:

Sample	PID (ppm)
EW-1	29
NW-1	10.1
SW-1	46.6
WW-1	0.6
Bottom	76

The east sidewall sample EW-1 was collected from grayish soil near the concrete block structure that was removed from the excavation. To determine whether this gray soil continued east beyond the edge of the excavation, a test pit was dug approximately 10 feet east of the main excavation. Gray soil was also observed in the test pit approximately 6 feet below ground surface. With NYSDEC concurrence, IRM excavation activities were stopped after the test pit was dug. The excavation was backfilled with bank run gravel the following day.

3.3 SOIL ANALYTICAL RESULTS

Laboratory analytical reports for soil samples collected from the excavation area included as Appendix A of this report. Tables 1 through 4 summarize soil analytical results in relation to brownfield soil cleanup objectives (SCOs). All analytical parameters in the soil samples were below the SCO for anticipated future commercial use. Of note, they were also below the most stringent restricted use SCO, for residential use.

No PCBs were detected in the soil samples.

3.4 - DISPOSAL

Approximately 269 tons of soil was removed from the MW-5 excavation area, and taken to the Auburn Landfill for disposal. In addition, approximately 80 gallons of groundwater was pumped from the excavation and transported to Industrial Oil Tank Services for disposal. Disposal documentation is included in Appendix B.

SECTION 4 - CONCLUSIONS

The IRM conducted in the vicinity of MW-5 at the P&S brownfield site has determined that LNAPL in that well represented an isolated impact. Aside from the LNAPL that had been observed in MW-5, no LNAPL was observed in the excavation in soil or groundwater.

A network of abandoned underground pipes, which are not known to have been owned or used by Pass & Seymour, were discovered in proximity to MW-5. The pipes, which were found several feet above the water table, did not appear to be an ongoing source of contamination based on IRM field observations. No leaks were observed, and sections of pipe that were broken during excavation activities contained only minute quantities of water. did they take samples? looked like water, not a large quantity, were surprised by the pipe and missed opportunity to collect the small volume.

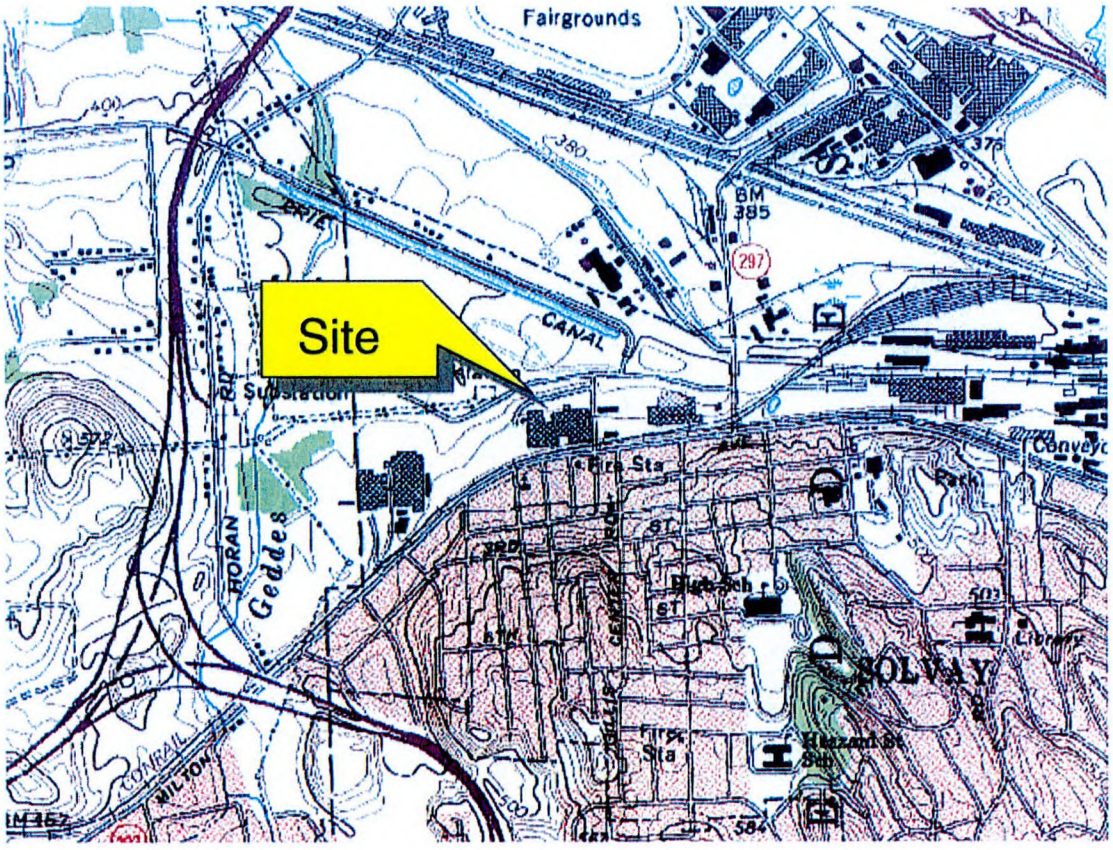
Visual evidence of soil contamination was observed as discoloration (grayish) in isolated spots adjacent to piping and at the eastern sidewall of the IRM excavation. Samples of discolored soil were taken at selected locations adjacent to the piping, and analysis indicated that analytical parameters were below both commercial and residential Brownfield SCOs (6NYCRR Part 375-6.8(b)).✓

End-point soil samples were collected from each of the four sidewalls and from the bottom of the excavation, and analytical results were below Brownfield SCOs. With respect to applicable restricted use SCOs, the soil samples indicate that no further investigation or IRM activities are necessary.✓

Approximately 269 tons of soil removed from the excavation was taken to the City of Auburn Landfill for proper disposal. Miscellaneous fill debris such as scrap wood and concrete found in the excavation was also disposed of, along with well construction material from MW-5, and sections of metallic piping that were removed. Approximately 80 gallons of groundwater were pumped from the excavation and transported to Industrial Oil Tank Services for disposal.

The completed IRM has met the stated objectives in relation to characterizing the nature and extent of the LNAPL and removing it and its potential sources from the site. No further action is recommended to address the LNAPL.

Figures



0 2,000 4,000 feet

Map Derived From: USGS 7.5 Minute Series
Topographic Quadrangle: Syracuse West
(1973), Photorevised 1978)

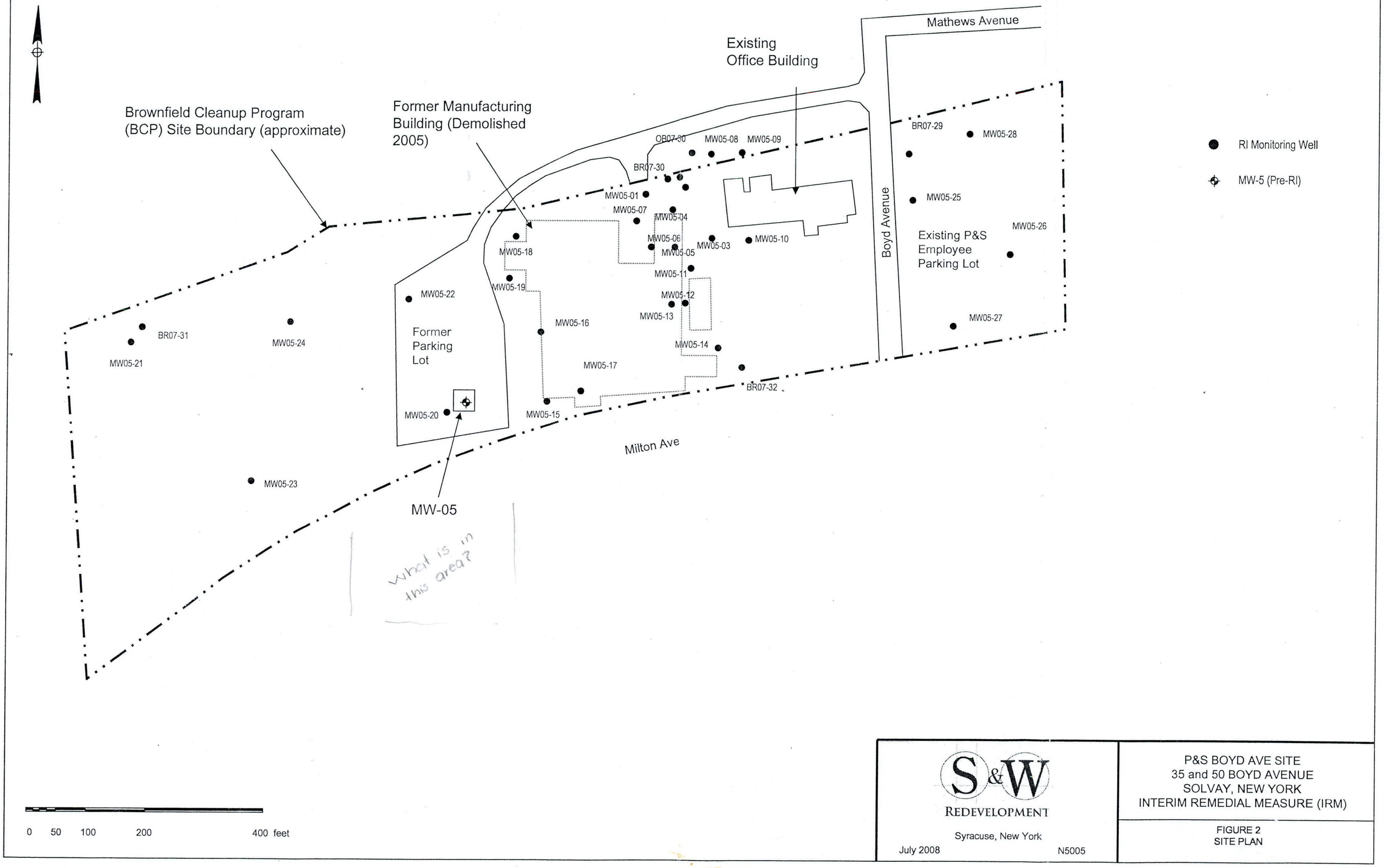
S&W REDEVELOPMENT

Syracuse, New York

July 2008 N5005

P&S BOYD AVE SITE
35 and 50 BOYD AVENUE
SOLVAY, NEW YORK
INTERIM REMEDIAL MEASURE (IRM)

FIGURE 1
SITE LOCATION



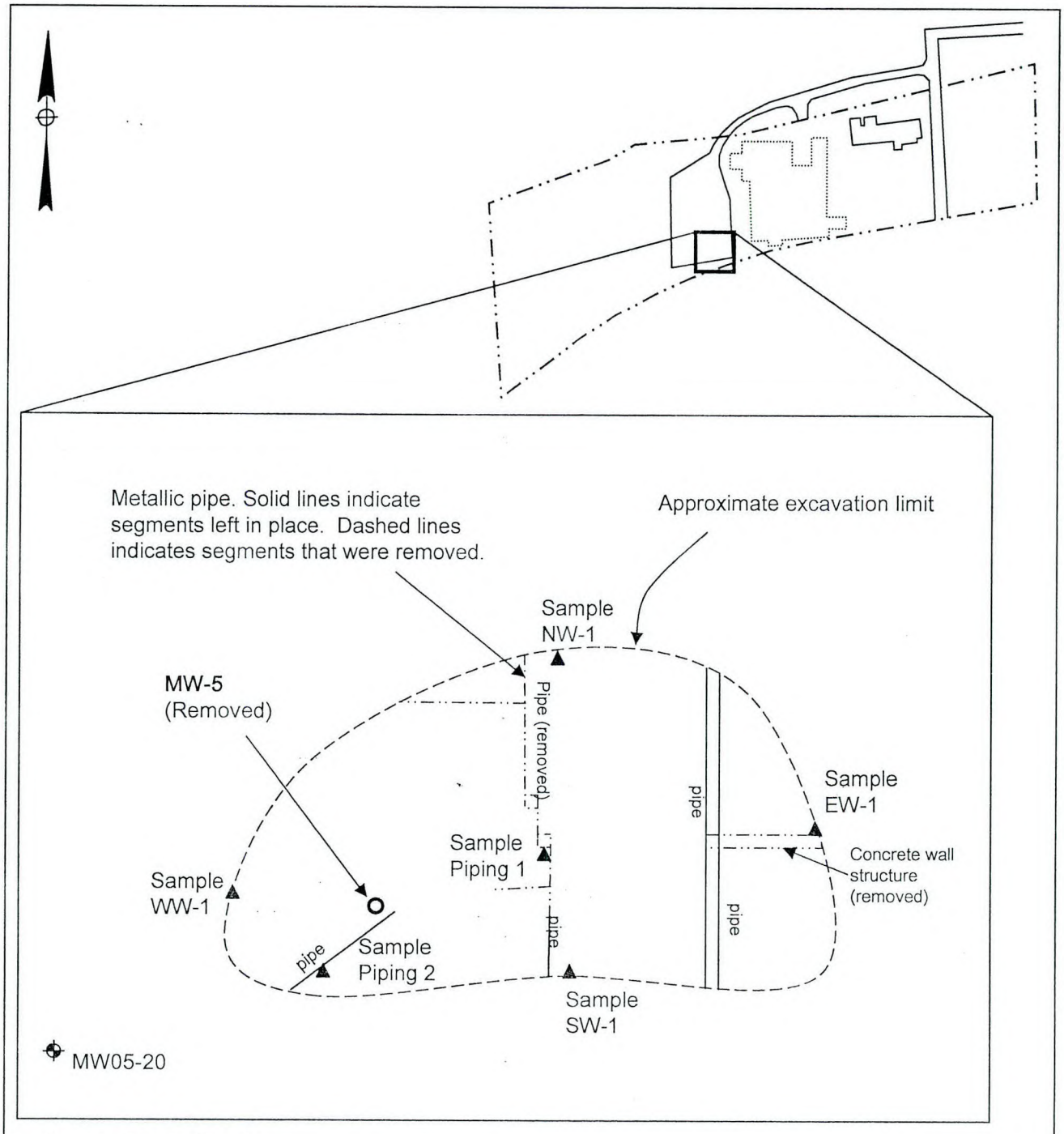
S&W REDEVELOPMENT

Syracuse, New York

July 2008 N5005

P&S BOYD AVE SITE
35 and 50 BOYD AVENUE
SOLVAY, NEW YORK
INTERIM REMEDIAL MEASURE (IRM)

FIGURE 2
SITE PLAN



Approximate Scale

0 10 20 ft

S&W REDEVELOPMENT

Syracuse, New York

July 2008 N5005

P&S BOYD AVE SITE
35 and 50 BOYD AVENUE
SOLVAY, NEW YORK
INTERIM REMEDIAL MEASURE (IRM)

FIGURE 3
MW-5 IRM EXCAVATION

Tables

Table 4. End Point Soil Sample Analytical Data for Metals. Interim Remedial Measure (2008), P&S Boyd Ave Brownfield Site Solvay NY.

	6 NYCRR Part 375 Brownfield Soil Cleanup Objective (SCO)																					
	RESIDENTIAL (mg/Kg)	RESTRICTED RESIDENTIAL (mg/Kg)	COMMERCIAL (mg/Kg)	INDUSTRIAL (mg/Kg)	EW -1 (East Sidewall)		WW-1 (West Sidewall)		NW-1 (North Sidewall)		SW-1 (South Sidewall)		Bottom		Piping-1		Piping-2	
Total Metals - mg/Kg (ppm)																		
Aluminum					14300		14,700		14,800		12,800		7,670		12,900		7,920	
Antimony						U		U		U		U		U		U		U
Arsenic	16	16	16	16	5.1	J	6.5	J	5.3	J	5.3	J	7.3	J	5.4	J	5.6	J
Barium	350	400	400	10,000	62.1		48.6		82.1		66.2		108		73		46.5	
Beryllium	14	72	590	2700	0.7	J	0.59	J	0.67	J	0.59	J	0.41	J	0.67	J	0.38	J
Cadmium	2.5	4.3	9.3	60		U		U		J		U		U		U	3.7	J
Calcium					2990		1,680		2,380		13,800		109,000		24,200		87,900	
Chromium	36	180	1,500	6,800	22.5		22.9		22.5		18.8		21.6		19.7		12.4	
Cobalt					17.4		18.2		15.8		14.1		3.9		12.8		7.8	
Copper	270	270	270	10,000	65		107		78.7		68.4		71.5		70		42.1	
Iron					26000		26,800		25,000		23,200		19,900		28,800		22,000	
Lead	400	400	1,000	3,900	11.6		11.7		11		8.4		31.8		13		43.1	
Magnesium					8790		8,830		9,850		15,300		71,400		12,200		26,600	
Manganese	2,000	2,000	10,000	10,000	343		354		405		810		696		407		527	
Nickel	140	310	310	10,000	32.6		28.7		33.1		28.8		53.3		28.6		17.2	
Potassium					1510		1490		1920		1580		1280		1780		1520	
Selenium	36	180	1,500	6,800		U		U		U		U		U		U		U
Silver	36	180	1,500	6,800		U		U		U		U		U		U		U
Sodium					94	J	112	J	202	J	113	J	343		122	J	277	J
Thallium						U		U		U		U		U		U		U
Vanadium					19.9		21.4		19.8		16.7		13.6		18.9		14.1	
Zinc	2,200	10,000	10,000	10,000	65.7		58.7		72.4		52.1		58		58.9		1870	
Mercury	0.81	0.81	2.8	5.7	0.037	J	0.051	J	0.017	J	0.02	J	0.023	J	0.029	J	0.061	

U - Not Detected
J- Estimated value, below detection limits
Soil cleanup objectives per 6NYCRR Part 375-6.8(b)

S&W REDEVELOPMENT

Table 3. End Point Soil Sample Analytical Data for PCBs. Interim Remedial Measure (2008), P&S Boyd Ave Brownfield Site, Solvay NY.

	6 NYCRR Part 375 Brownfield Soil Cleanup Objective (SCO)										
	RESIDENTIAL (µg/Kg)	**RESTRICTED RESIDENTIAL (µg/Kg)**	**COMMERCIAL (µg/Kg)**	**INDUSTRIAL (µg/Kg)**	EW -1 (East Sidewall)	WW-1 (West Sidewall)	NW-1 (North Sidewall)	SW-1 (South Sidewall)	Bottom	Piping-1	Piping-2
PCBs - µg/Kg (ppb)											
Aroclor 1016	1,000 total aroclors	1,000 total aroclors	1,000 total aroclors	25,000 total aroclors	U	U	U	U	U	U	U
Aroclor 1221					U	U	U	U	U	U	U
Aroclor 1232					U	U	U	U	U	U	U
Aroclor 1242					U	U	U	U	U	U	U
Aroclor 1248					U	U	U	U	U	U	U
Aroclor 1254					U	U	U	U	U	U	U
Aroclor 1260					U	U	U	U	U	U	U

U - Not Detected
J- Estimated value, below detection limits
Soil cleanup objectives per 6NYCRR Part 375-6.8(b)

Table 2. End Point Soil Sample Analytical Data for SVOCs. Interim Remedial Measure (2008), P&S Boyd Ave Brownfield Site, Solvay NY.

	6 NYCRR Part 375 Brownfield Soil Cleanup Objective (SCO)										
	RESIDENTIAL (µg/Kg)	RESTRICTED RESIDENTIAL (µg/Kg)	COMMERCIAL (µg/Kg)	INDUSTRIAL (µg/Kg)	EW -1 (East Sidewall)	WW-1 (West Sidewall)	NW-1 (North Sidewall)	SW-1 (South Sidewall)	Bottom	Piping-1	Piping-2
SVOCs - µg/Kg (ppb)											
Phenol	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
Bis(2-chloroethyl)ether					U	U	U	U	U	U	U
1 3-Dichlorobenzene					U	U	U	U	U	U	U
1 4-Dichlorobenzene					U	U	U	U	U	U	U
1 2-Dichlorobenzene					U	U	U	U	U	U	U
Benzyl alcohol					U	U	U	U	U	U	U
2-Methylphenol					U	U	U	U	U	U	U
2 2-oxybis (1-chloropropane)					U	U	U	U	U	U	U
n-Nitroso-di-n-propylamine					U	U	U	U	U	U	U
Hexachloroethane					U	U	U	U	U	U	U
4-Methylphenol					U	U	U	U	U	95 J	U
2-Chlorophenol					U	U	U	U	U	U	U
Nitrobenzene					U	U	U	U	U	U	U
Bis(2-chloroethoxy)methane					U	U	U	U	U	U	U
1 2 4-Trichlorobenzene					U	U	U	U	U	U	U
Isophorone					U	U	U	U	U	U	U
2 4-Dimethylphenol					U	U	U	U	U	U	U
Hexachlorobutadiene					U	U	U	U	U	U	U
Naphthalene	100,000	100,000	500,000	1,000,000	U	U	U	U	U	170 J	170 J
2 4-Dichlorophenol					U	U	U	U	U	U	U
4-Chloroaniline					U	U	U	U	U	U	U
2 4 6-Trichlorophenol					U	U	U	U	U	U	U
2 4 5-Trichlorophenol					U	U	U	U	U	U	U
Hexachlorocyclopentadiene					U	U	U	U	U	U	U
2-Methylnaphthalene					U	U	U	U	130 J	380 J	440 J
2-Nitroaniline					U	U	U	U	U	U	U
2-Chloronaphthalene					U	U	U	U	U	U	320 J
4-Chloro-3-methylphenol					U	U	U	U	U	U	U
2 6-Dinitrotoluene					U	U	U	U	U	U	U
2-Nitrophenol					U	U	U	U	U	U	U
3-Nitroaniline					U	U	U	U	U	U	U
Dimethyl phthalate					U	U	U	U	U	U	U
2 4-Dinitrophenol					U	U	U	U	U	U	U
Acenaphthylene	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
2 4-Dinitrotoluene					U	U	U	U	U	U	U
Acenaphthene	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
Dibenzofuran	14,000	59,000	350,000	1,000,000	U	U	U	U	U	170 J	150 J
4-Nitrophenol					U	U	U	U	U	U	U
Fluorene	100,000	100,000	500,000	1,000,000	U	U	U	140 J	400 J	540	370 J
4-Nitroaniline					U	U	U	U	U	U	U
4-Bromophenyl phenyl ether					U	U	U	U	U	U	U
Hexachlorobenzene					U	U	U	U	U	U	U
Diethyl phthalate					U	U	U	U	U	U	U
4-Chlorophenyl phenyl ether					U	U	U	U	U	U	U
Pentachlorophenol	2,400	6,700	6,700	55,000	U	U	U	U	U	U	U
n-Nitrosodiphenylamine					U	U	U	U	U	U	U
4 6-Dinitro-2-methylphenol					U	U	U	U	U	U	U
Phenanthrene	100,000	100,000	500,000	1,000,000	U	U	U	U	900	470	360 J
Anthracene	100,000	100,000	500,000	1,000,000	U	U	U	U	170 J	350 J	370 J
Carbazole					U	U	U	U	U	U	U
Di-n-butyl phthalate					U	U	U	U	U	U	U
Fluoranthene	100,000	100,000	500,000	1,000,000	U	U	U	210 J	300 J	990	1600
Pyrene	100,000	100,000	500,000	1,000,000	U	U	U	220 J	410 J	710	1400
Butyl benzyl phthalate					U	U	U	U	U	U	U
Benzo(a)anthracene	1,000	1,000	5,600	11,000	U	U	U	88 J	190 J	640	1000
Chrysene	1,000	3,900	56,000	110,000	U	U	U	U	370 J	1100	1300
3 3-Dichlorobenzidine					U	U	U	U	U	U	U
Bis(2-ethylhexyl)phthalate					150 JB	120 JB	160 JB	160 JB	200 JB	320 JB	U
Di-n-octyl phthalate					U	U	U	U	U	U	U
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	U	U	U	U	200 J	640	1200
Benzo(k)fluoranthene	1,000	3,900	56,000	110,000	U	U	U	U	73 J	200 J	390 J
Benzo(a)pyrene	1,000	1,000	1,000	1,100	U	U	U	U	130 J	410 J	850
Indeno(1 2 3-cd)pyrene	500	500	5,600	11,000	U	U	U	U	110 J	330 J	740
Dibenzo(a h)anthracene	330	0	560	11,000	U	U	U	U	U	U	230 J
Benzo(ghi)perylene	100,000	100,000	500,000	1,000,000	U	U	U	U	120 J	320 J	690

U - Not Detected
J- Estimated value, below dete Highlighted result indicates concentration above commercial SCO
B - Compound detected in method blank
Soil cleanup objectives per 6NYCRR Part 375-6.8(b)

S&W REDEVELOPMENT

Table 1. End Point Soil Sample Analytical Data for VOCs. Interim Remedial Measure (2008), P&S Boyd Ave Brownfield Site, Solvay, NY.

	6 NYCRR Part 375 Brownfield Soil Cleanup Objective (SCO)										
	RESIDENTIAL (µg/Kg)	RESTRICTED RESIDENTIAL (µg/Kg)	COMMERCIAL (µg/Kg)	INDUSTRIAL (µg/Kg)	EW -1 (East Sidewall)	WW-1 (West Sidewall)	NW-1 (North Sidewall)	SW-1 (South Sidewall)	Bottom	Piping-1	Piping-2
VOCs - µg/Kg (ppb)											
Chloromethane					U	U	U	U	U	U	U
Vinyl chloride	210	900	13,000	27,000	U	U	U	U	U	U	U
Bromomethane					U	U	U	U	U	U	U
Chloroethane					U	U	U	U	U	U	U
1 1-Dichloroethene	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
Carbon disulfide					1.6 J	U	1.8 J	U	U	U	U
Acetone	100,000	100,000	500,000	1,000,000	170 B	7.7 JB	130 B	78 B	180 B	140 B	72 B
Methylene chloride	51,000	100,000	500,000	1,000,000	9.2 JB	13 JB	13 JB	12 JB	35 JB	48 JB	22 JB
trans-1 2-Dichloroethene	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
1 1-Dichloroethane	19,000	26,000	240,000	480,000	U	U	U	U	U	U	U
cis-1 2-Dichloroethene	59,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
2-Butanone (MEK)	100,000	100,000	500,000	1,000,000	27	U	23	15	U	U	U
Chloroform	10,000	49,000	350,000	700,000	U	U	U	U	U	U	U
1 1 1-Trichloroethane	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
Carbon tetrachloride	1,400	2,400	22,000	44,000	U	U	U	U	U	U	U
Benzene	2,900	4,800	44,000	89,000	U	4.1 J	U	U	U	5.9 J	4.8 J
1 2-Dichloroethane	2,300	3,100	30,000	60,000	U	U	U	U	U	U	U
Trichloroethene	10,000	21,000	200,000	400,000	U	U	U	U	U	U	23
1 2-Dichloropropane					U	U	U	U	U	U	U
Bromodichloromethane					U	U	U	U	U	U	U
cis-1 3-Dichloropropene					U	U	U	U	U	U	U
4-Methyl-2-pentanone (MIBK)					U	U	U	U	U	U	U
Toluene	100,000	100,000	500,000	1,000,000	U	3.7 J	U	U	U	5.5 J	4.4 J
trans-1 3-Dichloropropene					U	U	U	U	U	U	U
1 1 2-Trichloroethane					U	U	U	U	U	U	U
Tetrachloroethene	5,500	19,000	150,000	300,000	U	U	U	U	U	U	U
2-Hexanone					U	U	U	U	U	U	U
Dibromochloromethane					U	U	U	U	U	U	U
Chlorobenzene	100,000	100,000	500,000	1,000,000	U	U	U	U	U	U	U
Ethylbenzene	30,000	41,000	390,000	780,000	U	2.5 J	U	U	U	U	2.9 J
Styrene					U	U	U	U	U	U	U
Bromoform					U	U	U	U	U	U	U
1 1 2 2-Tetrachloroethane					U	U	U	U	U	U	U
Xylenes (total)	100,000	100,000	500,000	1,000,000	U	5.4 J	U	U	U	U	6.8 J
MTBE					U	U	U	U	U	U	U

U - Not Detected
J- Estimated value, below detection limits
B - Compound detected in method blank
Soil cleanup objectives per 6NYCRR Part 375-6.8(b)

APPENDICES

Appendix A
Laboratory Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-5394-1

SDG Number: 220-5394

Job Description: Pass & Seymour

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

Attention: Mr. Dan Ours

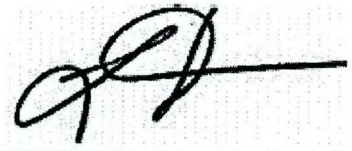
Designee for
Paul Hobart
Project Manager I
paul.hobart@testamericainc.com
06/30/2008

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

Case Narrative for Job: 220-5394-1

Client: S & W Redevelopment LLC
Date: June 30, 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

June 30, 2008
Date

Job Narrative
220-J5394-1

Comments
No additional comments.

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

GC/MS VOA
Method(s) 8260B: Surrogate recovery for the following sample was outside control limits: PIPING-2 (220-5394-8). A second run confirmed matrix interference. One set of data was submitted. The sample was also diluted due to the presence of high non-target compounds. Elevated reporting limits (RL's) are provided.

No other analytical or quality issues were noted.

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

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The ICSAB for batch 17010 exceeded the acceptance limits for calcium and selenium.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

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: 220-5394-1
Sdg Number: 220-5394

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-5394-1	EW-1	Solid	06/12/2008 1145	06/13/2008 0925
220-5394-2	WW-1	Solid	06/12/2008 1205	06/13/2008 0925
220-5394-3	NW-1	Solid	06/12/2008 1205	06/13/2008 0925
220-5394-4	SW-1	Solid	06/12/2008 1200	06/13/2008 0925
220-5394-5	BOTTOM	Solid	06/12/2008 1200	06/13/2008 0925
220-5394-6	WC-1	Solid	06/12/2008 1250	06/13/2008 0925
220-5394-7	PIPING-1	Solid	06/12/2008 1025	06/13/2008 0925
220-5394-8	PIPING-2	Solid	06/12/2008 0920	06/13/2008 0925

METHOD SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds by GC/MS	TAL CT	SW846 8260B	
Toxicity Characteristic Leaching Procedure (ZHE)	TAL CT		SW846 1311
Purge and Trap on Leachates	TAL CT		SW846 5030B
Purge-and-Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Toxicity Characteristic Leaching Procedure	TAL CT		SW846 1311
Separatory Funnel Liquid-Liquid Extraction	TAL CT		SW846 3510C
Automated Soxhlet Extraction	TAL CT		SW846 3541
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Ultrasonic Extraction	TAL CT		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL CT	SW846 6010B	
Toxicity Characteristic Leaching Procedure	TAL CT		SW846 1311
Acid Digestion of Aqueous Samples and Extracts for	TAL CT		SW846 3010A
Acid Digestion of Sediments, Sludges, and Soils	TAL CT		SW846 3050B
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL CT	SW846 7470A	
Toxicity Characteristic Leaching Procedure (Hg Only)	TAL CT		SW846 1311
Mercury in Liquid Waste (Manual Cold Vapor	TAL CT		SW846 7470A
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
Reactive Cyanide analysis using method 9012	TAL CT	SW846 9012	
Cyanide, Reactive (SW7.3.3)	TAL CT		SW846 7.3.3
Reactive Sulfide by method 9034	TAL CT	SW846 9034	
Sulfide, Reactive (SW7.3.4)	TAL CT		SW846 7.3.4
Soil and Waste pH	TAL CT	SW846 9045C	

Lab References:

TAL CT = TestAmerica Connecticut

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: 220-5394-1
Sdg Number: 220-5394

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 8082	Smith, Karli	KS
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV
SW846 7471A	Voytek, Joseph F	JFV
SW846 9012	Natoli, Richard A	RN
SW846 9034	Natoli, Richard A	RN
SW846 9045C	Mendoza, Julia	JM
EPA PercentMoisture	Culik, Marie E	MEC

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: EW-1

Lab Sample ID: 220-5394-1
Client Matrix: Solid
% Moisture: 16.2

Date Sampled: 06/12/2008 1145
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/21/2008 0259
Date Prepared: 06/21/2008 0259

Analysis Batch: 220-17223

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O4695.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	170	B	2.8	24
Benzene	6.0	U	0.85	6.0
Bromodichloromethane	6.0	U	0.78	6.0
Bromoform	6.0	U	2.1	6.0
Bromomethane	6.0	U	1.8	6.0
Methyl Ethyl Ketone	27		4.0	12
Carbon disulfide	1.6	J	0.63	6.0
Carbon tetrachloride	6.0	U	0.85	6.0
Chlorobenzene	6.0	U	1.1	6.0
Chloroethane	6.0	U	1.5	6.0
Chloroform	6.0	U	0.63	6.0
Chloromethane	6.0	U	1.2	6.0
Dibromochloromethane	6.0	U	1.3	6.0
1,1-Dichloroethane	6.0	U	0.78	6.0
1,2-Dichloroethane	6.0	U	1.3	6.0
1,1-Dichloroethene	6.0	U	0.94	6.0
1,2-Dichloropropane	6.0	U	1.2	6.0
cis-1,3-Dichloropropene	6.0	U	0.74	6.0
trans-1,3-Dichloropropene	6.0	U	1.3	6.0
Ethylbenzene	6.0	U	0.85	6.0
2-Hexanone	12	U	3.2	12
Methylene Chloride	9.2	J B	1.7	24
methyl isobutyl ketone	6.0	U	1.1	6.0
Styrene	6.0	U	1.5	6.0
1,1,2,2-Tetrachloroethane	6.0	U	1.2	6.0
Tetrachloroethene	6.0	U	0.88	6.0
Toluene	6.0	U	0.70	6.0
1,1,1-Trichloroethane	6.0	U	0.87	6.0
1,1,2-Trichloroethane	6.0	U	1.0	6.0
Trichloroethene	6.0	U	1.2	6.0
Vinyl chloride	6.0	U	1.6	6.0
Xylenes, Total	6.0	U	2.9	6.0
cis-1,2-Dichloroethene	6.0	U	1.1	6.0
trans-1,2-Dichloroethene	6.0	U	1.1	6.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	49 - 134
4-Bromofluorobenzene	103	36 - 133
Dibromofluoromethane	87	60 - 130
Toluene-d8 (Surr)	99	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **WW-1**

Lab Sample ID: 220-5394-2
Client Matrix: Solid

% Moisture: 15.6

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/21/2008 0324
Date Prepared: 06/21/2008 0324

Analysis Batch: 220-17223

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O4696.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	7.7	J B	2.8	24
Benzene	4.1	J	0.84	5.9
Bromodichloromethane	5.9	U	0.77	5.9
Bromoform	5.9	U	2.0	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	2.5	J	0.84	5.9
2-Hexanone	12	U	3.1	12
Methylene Chloride	13	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	3.7	J	0.70	5.9
1,1,1-Trichloroethane	5.9	U	0.86	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	5.4	J	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)	86	49 - 134
4-Bromofluorobenzene	107	36 - 133
Dibromofluoromethane	82	60 - 130
Toluene-d8 (Surr)	100	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **NW-1**

Lab Sample ID: 220-5394-3
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/21/2008 0349
Date Prepared: 06/21/2008 0349

Analysis Batch: 220-17223

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O4697.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	130	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	23		4.0	12
Carbon disulfide	1.8	J	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	1.2	5.9
cis-1,3-Dichloropropene	5.9	U	0.74	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	13	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)	87	49 - 134
4-Bromofluorobenzene	107	36 - 133
Dibromofluoromethane	79	60 - 130
Toluene-d8 (Surr)	98	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: SW-1

Lab Sample ID: 220-5394-4
Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/21/2008 0414
Date Prepared: 06/21/2008 0414

Analysis Batch: 220-17223

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O4698.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	78	B	2.8	24
Benzene	5.9	U	0.84	5.9
Bromodichloromethane	5.9	U	0.77	5.9
Bromoform	5.9	U	2.0	5.9
Bromomethane	5.9	U	1.8	5.9
Methyl Ethyl Ketone	15		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	0.93	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	12	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	0.87	5.9
Toluene	5.9	U	0.70	5.9
1,1,1-Trichloroethane	5.9	U	0.86	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)	84	49 - 134
4-Bromofluorobenzene	130	36 - 133
Dibromofluoromethane	83	60 - 130
Toluene-d8 (Surr)	100	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: BOTTOM

Lab Sample ID: 220-5394-5
Client Matrix: Solid
% Moisture: 22.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 06/23/2008 1906
Date Prepared: 06/23/2008 1906

Analysis Batch: 220-17220

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N8793.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	180	B	15	130
Benzene	32	U	4.6	32
Bromodichloromethane	32	U	4.2	32
Bromoform	32	U	11	32
Bromomethane	32	U	9.8	32
Methyl Ethyl Ketone	64	U	22	64
Carbon disulfide	32	U	3.4	32
Carbon tetrachloride	32	U	4.6	32
Chlorobenzene	32	U	5.7	32
Chloroethane	32	U	8.2	32
Chloroform	32	U	3.4	32
Chloromethane	32	U	6.5	32
Dibromochloromethane	32	U	6.9	32
1,1-Dichloroethane	32	U	4.2	32
1,2-Dichloroethane	32	U	6.9	32
1,1-Dichloroethene	32	U	5.1	32
1,2-Dichloropropane	32	U	6.2	32
cis-1,3-Dichloropropene	32	U	4.0	32
trans-1,3-Dichloropropene	32	U	6.9	32
Ethylbenzene	32	U	4.6	32
2-Hexanone	64	U	17	64
Methylene Chloride	35	J B	9.0	130
methyl isobutyl ketone	32	U	6.0	32
Styrene	32	U	8.3	32
1,1,2,2-Tetrachloroethane	32	U	6.7	32
Tetrachloroethene	32	U	4.8	32
Toluene	32	U	3.8	32
1,1,1-Trichloroethane	32	U	4.7	32
1,1,2-Trichloroethane	32	U	5.6	32
Trichloroethene	32	U	6.4	32
Vinyl chloride	32	U	8.4	32
Xylenes, Total	32	U	16	32
cis-1,2-Dichloroethene	32	U	5.9	32
trans-1,2-Dichloroethene	32	U	6.2	32

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	68	49 - 134
4-Bromofluorobenzene	71	36 - 133
Dibromofluoromethane	66	60 - 130
Toluene-d8 (Surr)	75	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **WC-1**

Lab Sample ID: 220-5394-6
Client Matrix: Solid

Date Sampled: 06/12/2008 1250
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS-TCLP

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/16/2008 1949
Date Prepared: 06/16/2008 1949
Date Leached: 06/13/2008 2030

Analysis Batch: 220-16997

Leachate Batch: 220-16914

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L7321.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: N Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride	0.0050	U	0.00080	0.0050
1,1-Dichloroethene	0.0050	U	0.00070	0.0050
Methyl Ethyl Ketone	0.010	U	0.0012	0.010
Chloroform	0.0013	J B	0.00070	0.0050
Carbon tetrachloride	0.0050	U	0.0010	0.0050
Benzene	0.0050	U	0.00040	0.0050
1,2-Dichloroethane	0.0050	U	0.00060	0.0050
Trichloroethene	0.0026	J B	0.00070	0.0050
Tetrachloroethene	0.0050	U	0.00050	0.0050
Chlorobenzene	0.0050	U	0.00040	0.0050

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	53 - 125
4-Bromofluorobenzene	80	73 - 127
Dibromofluoromethane	85	54 - 137
Toluene-d8 (Surr)	78	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-1**

Lab Sample ID: 220-5394-7
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 06/12/2008 1025
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 06/23/2008 1932
Date Prepared: 06/23/2008 1932

Analysis Batch: 220-17220

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N8794.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	140	B	15	130
Benzene	5.9	J	4.5	32
Bromodichloromethane	32	U	4.1	32
Bromoform	32	U	11	32
Bromomethane	32	U	9.7	32
Methyl Ethyl Ketone	64	U	21	64
Carbon disulfide	32	U	3.4	32
Carbon tetrachloride	32	U	4.5	32
Chlorobenzene	32	U	5.6	32
Chloroethane	32	U	8.1	32
Chloroform	32	U	3.4	32
Chloromethane	32	U	6.4	32
Dibromochloromethane	32	U	6.8	32
1,1-Dichloroethane	32	U	4.1	32
1,2-Dichloroethane	32	U	6.9	32
1,1-Dichloroethene	32	U	5.0	32
1,2-Dichloropropane	32	U	6.2	32
cis-1,3-Dichloropropene	32	U	3.9	32
trans-1,3-Dichloropropene	32	U	6.8	32
Ethylbenzene	32	U	4.5	32
2-Hexanone	64	U	17	64
Methylene Chloride	48	J B	8.9	130
methyl isobutyl ketone	32	U	6.0	32
Styrene	32	U	8.2	32
1,1,2,2-Tetrachloroethane	32	U	6.6	32
Tetrachloroethene	32	U	4.7	32
Toluene	5.5	J	3.8	32
1,1,1-Trichloroethane	32	U	4.6	32
1,1,2-Trichloroethane	32	U	5.5	32
Trichloroethene	32	U	6.3	32
Vinyl chloride	32	U	8.3	32
Xylenes, Total	32	U	16	32
cis-1,2-Dichloroethene	32	U	5.9	32
trans-1,2-Dichloroethene	32	U	6.1	32

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	63	49 - 134
4-Bromofluorobenzene	80	36 - 133
Dibromofluoromethane	64	60 - 130
Toluene-d8 (Surr)	70	51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-2**

Lab Sample ID: 220-5394-8
Client Matrix: Solid

% Moisture: 20.6

Date Sampled: 06/12/2008 0920
Date Received: 06/13/2008 0925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 06/24/2008 1402
Date Prepared: 06/24/2008 1402

Analysis Batch: 220-17268

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O4739.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Acetone	72	B	5.9	50
Benzene	4.8	J	1.8	13
Bromodichloromethane	13	U	1.6	13
Bromoform	13	U	4.4	13
Bromomethane	13	U	3.8	13
Methyl Ethyl Ketone	25	U	8.5	25
Carbon disulfide	13	U	1.3	13
Carbon tetrachloride	13	U	1.8	13
Chlorobenzene	13	U	2.2	13
Chloroethane	13	U	3.2	13
Chloroform	13	U	1.3	13
Chloromethane	13	U	2.5	13
Dibromochloromethane	13	U	2.7	13
1,1-Dichloroethane	13	U	1.6	13
1,2-Dichloroethane	13	U	2.7	13
1,1-Dichloroethene	13	U	2.0	13
1,2-Dichloropropane	13	U	2.4	13
cis-1,3-Dichloropropene	13	U	1.6	13
trans-1,3-Dichloropropene	13	U	2.7	13
Ethylbenzene	2.9	J	1.8	13
2-Hexanone	25	U	6.6	25
Methylene Chloride	22	J * B	3.5	50
methyl isobutyl ketone	13	U	2.4	13
Styrene	13	U	3.2	13
1,1,2,2-Tetrachloroethane	13	U	2.6	13
Tetrachloroethene	13	U	1.9	13
Toluene	4.4	J	1.5	13
1,1,1-Trichloroethane	13	U	1.8	13
1,1,2-Trichloroethane	13	U	2.2	13
Trichloroethene	23		2.5	13
Vinyl chloride	13	U	3.3	13
Xylenes, Total	6.8	J	6.1	13
cis-1,2-Dichloroethene	13	U	2.3	13
trans-1,2-Dichloroethene	13	U	2.4	13

Surrogate	%Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		49 - 134
4-Bromofluorobenzene	137	*	36 - 133
Dibromofluoromethane	82		60 - 130
Toluene-d8 (Surr)	100		51 - 137

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: EW-1

Lab Sample ID: 220-5394-1
Client Matrix: Solid
% Moisture: 16.2

Date Sampled: 06/12/2008 1145
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1449
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0015.D
Initial Weight/Volume: 15.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Phenol	390	U	65	390
Bis(2-chloroethyl)ether	390	U	90	390
2-Chlorophenol	390	U	72	390
1,3-Dichlorobenzene	390	U	53	390
1,4-Dichlorobenzene	390	U	69	390
Benzyl alcohol	390	U	55	390
1,2-Dichlorobenzene	390	U	64	390
2,2'-oxybis[1-chloropropane]	390	U	76	390
2-Methylphenol	390	U	58	390
Hexachloroethane	390	U	62	390
N-Nitrosodi-n-propylamine	390	U	79	390
4-Methylphenol	390	U	76	390
Nitrobenzene	390	U	78	390
Isophorone	390	U	73	390
2-Nitrophenol	390	U	56	390
2,4-Dimethylphenol	390	U	52	390
Bis(2-chloroethoxy)methane	390	U	66	390
2,4-Dichlorophenol	390	U	66	390
1,2,4-Trichlorobenzene	390	U	65	390
Naphthalene	390	U	70	390
4-Chloroaniline	390	U	52	390
Hexachlorobutadiene	390	U	68	390
4-Chloro-3-methylphenol	390	U	58	390
2-Methylnaphthalene	390	U	73	390
Hexachlorocyclopentadiene	780	U	99	780
2,4,6-Trichlorophenol	390	U	65	390
2,4,5-Trichlorophenol	1900	U	59	1900
2-Chloronaphthalene	390	U	68	390
2-Nitroaniline	1900	U	63	1900
Acenaphthylene	390	U	73	390
Dimethyl phthalate	390	U	68	390
2,6-Dinitrotoluene	390	U	53	390
Acenaphthene	390	U	69	390
3-Nitroaniline	1900	U	60	1900
2,4-Dinitrophenol	1900	U *	430	1900
Dibenzofuran	390	U	70	390
2,4-Dinitrotoluene	390	U	61	390
4-Nitrophenol	1900	U	72	1900
Fluorene	390	U	73	390
4-Chlorophenyl phenyl ether	390	U	68	390
Diethyl phthalate	390	U	74	390
4-Nitroaniline	780	U	60	780
4,6-Dinitro-2-methylphenol	1900	U	29	1900
N-Nitrosodiphenylamine	390	U	64	390

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: EW-1

Lab Sample ID: 220-5394-1
Client Matrix: Solid
% Moisture: 16.2

Date Sampled: 06/12/2008 1145
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1449
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0015.D
Initial Weight/Volume: 15.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	390	U	59	390
Hexachlorobenzene	390	U	76	390
Pentachlorophenol	1900	U	39	1900
Phenanthrene	390	U	69	390
Carbazole	390	U	64	390
Anthracene	390	U	71	390
Di-n-butyl phthalate	390	U	75	390
Fluoranthene	390	U	71	390
Pyrene	390	U	79	390
Butyl benzyl phthalate	390	U	65	390
3,3'-Dichlorobenzidine	780	U	66	780
Benzo[a]anthracene	390	U	59	390
Chrysene	390	U	68	390
Bis(2-ethylhexyl) phthalate	150	J B	63	390
Di-n-octyl phthalate	390	U	56	390
Benzo[b]fluoranthene	390	U	57	390
Benzo[k]fluoranthene	390	U	51	390
Benzo[a]pyrene	390	U	44	390
Indeno[1,2,3-cd]pyrene	390	U	44	390
Dibenz(a,h)anthracene	390	U	40	390
Benzo[g,h,i]perylene	390	U	45	390

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	59	25 - 113
Phenol-d5	59	27 - 122
Nitrobenzene-d5	57	25 - 120
2-Fluorobiphenyl	61	32 - 131
2,4,6-Tribromophenol	72	24 - 150
Terphenyl-d14	75	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: WW-1

Lab Sample ID: 220-5394-2
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1512
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0016.D
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	65	390
Bis(2-chloroethyl)ether		390	U	90	390
2-Chlorophenol		390	U	72	390
1,3-Dichlorobenzene		390	U	53	390
1,4-Dichlorobenzene		390	U	68	390
Benzyl alcohol		390	U	55	390
1,2-Dichlorobenzene		390	U	64	390
2,2'-oxybis[1-chloropropane]		390	U	76	390
2-Methylphenol		390	U	58	390
Hexachloroethane		390	U	62	390
N-Nitrosodi-n-propylamine		390	U	79	390
4-Methylphenol		390	U	76	390
Nitrobenzene		390	U	78	390
Isophorone		390	U	73	390
2-Nitrophenol		390	U	56	390
2,4-Dimethylphenol		390	U	52	390
Bis(2-chloroethoxy)methane		390	U	66	390
2,4-Dichlorophenol		390	U	66	390
1,2,4-Trichlorobenzene		390	U	65	390
Naphthalene		390	U	70	390
4-Chloroaniline		390	U	52	390
Hexachlorobutadiene		390	U	68	390
4-Chloro-3-methylphenol		390	U	57	390
2-Methylnaphthalene		390	U	73	390
Hexachlorocyclopentadiene		780	U	99	780
2,4,6-Trichlorophenol		390	U	64	390
2,4,5-Trichlorophenol		1900	U	59	1900
2-Chloronaphthalene		390	U	68	390
2-Nitroaniline		1900	U	63	1900
Acenaphthylene		390	U	73	390
Dimethyl phthalate		390	U	68	390
2,6-Dinitrotoluene		390	U	53	390
Acenaphthene		390	U	69	390
3-Nitroaniline		1900	U	60	1900
2,4-Dinitrophenol		1900	U *	430	1900
Dibenzofuran		390	U	70	390
2,4-Dinitrotoluene		390	U	60	390
4-Nitrophenol		1900	U	71	1900
Fluorene		390	U	73	390
4-Chlorophenyl phenyl ether		390	U	68	390
Diethyl phthalate		390	U	74	390
4-Nitroaniline		780	U	60	780
4,6-Dinitro-2-methylphenol		1900	U	29	1900
N-Nitrosodiphenylamine		390	U	64	390

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **WW-1**

Lab Sample ID: 220-5394-2
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1512
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0016.D
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	390	U	59	390
Hexachlorobenzene	390	U	76	390
Pentachlorophenol	1900	U	39	1900
Phenanthrene	390	U	69	390
Carbazole	390	U	64	390
Anthracene	390	U	71	390
Di-n-butyl phthalate	390	U	75	390
Fluoranthene	390	U	71	390
Pyrene	390	U	78	390
Butyl benzyl phthalate	390	U	65	390
3,3'-Dichlorobenzidine	780	U	66	780
Benzo[a]anthracene	390	U	59	390
Chrysene	390	U	68	390
Bis(2-ethylhexyl) phthalate	120	J B	63	390
Di-n-octyl phthalate	390	U	56	390
Benzo[b]fluoranthene	390	U	57	390
Benzo[k]fluoranthene	390	U	51	390
Benzo[a]pyrene	390	U	44	390
Indeno[1,2,3-cd]pyrene	390	U	44	390
Dibenz(a,h)anthracene	390	U	40	390
Benzo[g,h,i]perylene	390	U	45	390

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	44	25 - 113
Phenol-d5	45	27 - 122
Nitrobenzene-d5	42	25 - 120
2-Fluorobiphenyl	45	32 - 131
2,4,6-Tribromophenol	55	24 - 150
Terphenyl-d14	56	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **NW-1**

Lab Sample ID: 220-5394-3
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1535
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0017.D
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Phenol	390	U	65	390
Bis(2-chloroethyl)ether	390	U	90	390
2-Chlorophenol	390	U	72	390
1,3-Dichlorobenzene	390	U	53	390
1,4-Dichlorobenzene	390	U	69	390
Benzyl alcohol	390	U	55	390
1,2-Dichlorobenzene	390	U	64	390
2,2'-oxybis[1-chloropropane]	390	U	76	390
2-Methylphenol	390	U	58	390
Hexachloroethane	390	U	62	390
N-Nitrosodi-n-propylamine	390	U	79	390
4-Methylphenol	390	U	76	390
Nitrobenzene	390	U	78	390
Isophorone	390	U	73	390
2-Nitrophenol	390	U	56	390
2,4-Dimethylphenol	390	U	52	390
Bis(2-chloroethoxy)methane	390	U	66	390
2,4-Dichlorophenol	390	U	66	390
1,2,4-Trichlorobenzene	390	U	65	390
Naphthalene	390	U	70	390
4-Chloroaniline	390	U	52	390
Hexachlorobutadiene	390	U	68	390
4-Chloro-3-methylphenol	390	U	57	390
2-Methylnaphthalene	390	U	73	390
Hexachlorocyclopentadiene	780	U	99	780
2,4,6-Trichlorophenol	390	U	65	390
2,4,5-Trichlorophenol	1900	U	59	1900
2-Chloronaphthalene	390	U	68	390
2-Nitroaniline	1900	U	63	1900
Acenaphthylene	390	U	73	390
Dimethyl phthalate	390	U	68	390
2,6-Dinitrotoluene	390	U	53	390
Acenaphthene	390	U	69	390
3-Nitroaniline	1900	U	60	1900
2,4-Dinitrophenol	1900	U *	430	1900
Dibenzofuran	390	U	70	390
2,4-Dinitrotoluene	390	U	61	390
4-Nitrophenol	1900	U	71	1900
Fluorene	390	U	73	390
4-Chlorophenyl phenyl ether	390	U	68	390
Diethyl phthalate	390	U	74	390
4-Nitroaniline	780	U	60	780
4,6-Dinitro-2-methylphenol	1900	U	29	1900
N-Nitrosodiphenylamine	390	U	64	390

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **NW-1**

Lab Sample ID: 220-5394-3
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1535
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0017.D
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	390	U	59	390
Hexachlorobenzene	390	U	76	390
Pentachlorophenol	1900	U	39	1900
Phenanthrene	390	U	69	390
Carbazole	390	U	64	390
Anthracene	390	U	71	390
Di-n-butyl phthalate	390	U	75	390
Fluoranthene	390	U	71	390
Pyrene	390	U	79	390
Butyl benzyl phthalate	390	U	65	390
3,3'-Dichlorobenzidine	780	U	66	780
Benzo[a]anthracene	390	U	59	390
Chrysene	390	U	68	390
Bis(2-ethylhexyl) phthalate	160	J B	63	390
Di-n-octyl phthalate	390	U	56	390
Benzo[b]fluoranthene	390	U	57	390
Benzo[k]fluoranthene	390	U	51	390
Benzo[a]pyrene	390	U	44	390
Indeno[1,2,3-cd]pyrene	390	U	44	390
Dibenz(a,h)anthracene	390	U	40	390
Benzo[g,h,i]perylene	390	U	45	390

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	63	25 - 113
Phenol-d5	65	27 - 122
Nitrobenzene-d5	60	25 - 120
2-Fluorobiphenyl	66	32 - 131
2,4,6-Tribromophenol	82	24 - 150
Terphenyl-d14	82	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: SW-1

Lab Sample ID: 220-5394-4
Client Matrix: Solid
% Moisture: 15.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1558
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0018.D
Initial Weight/Volume: 15.28 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Phenol	380	U	64	380
Bis(2-chloroethyl)ether	380	U	88	380
2-Chlorophenol	380	U	70	380
1,3-Dichlorobenzene	380	U	52	380
1,4-Dichlorobenzene	380	U	67	380
Benzyl alcohol	380	U	54	380
1,2-Dichlorobenzene	380	U	62	380
2,2'-oxybis[1-chloropropane]	380	U	74	380
2-Methylphenol	380	U	57	380
Hexachloroethane	380	U	61	380
N-Nitrosodi-n-propylamine	380	U	78	380
4-Methylphenol	380	U	75	380
Nitrobenzene	380	U	76	380
Isophorone	380	U	72	380
2-Nitrophenol	380	U	55	380
2,4-Dimethylphenol	380	U	51	380
Bis(2-chloroethoxy)methane	380	U	64	380
2,4-Dichlorophenol	380	U	65	380
1,2,4-Trichlorobenzene	380	U	63	380
Naphthalene	380	U	68	380
4-Chloroaniline	380	U	51	380
Hexachlorobutadiene	380	U	66	380
4-Chloro-3-methylphenol	380	U	56	380
2-Methylnaphthalene	380	U	72	380
Hexachlorocyclopentadiene	760	U	97	760
2,4,6-Trichlorophenol	380	U	63	380
2,4,5-Trichlorophenol	1900	U	57	1900
2-Chloronaphthalene	380	U	66	380
2-Nitroaniline	1900	U	61	1900
Acenaphthylene	380	U	72	380
Dimethyl phthalate	380	U	66	380
2,6-Dinitrotoluene	380	U	52	380
Acenaphthene	380	U	68	380
3-Nitroaniline	1900	U	59	1900
2,4-Dinitrophenol	1900	U *	420	1900
Dibenzofuran	380	U	68	380
2,4-Dinitrotoluene	380	U	59	380
4-Nitrophenol	1900	U	70	1900
Fluorene	140	J	71	380
4-Chlorophenyl phenyl ether	380	U	66	380
Diethyl phthalate	380	U	73	380
4-Nitroaniline	760	U	59	760
4,6-Dinitro-2-methylphenol	1900	U	28	1900
N-Nitrosodiphenylamine	380	U	63	380

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: SW-1

Lab Sample ID: 220-5394-4
Client Matrix: Solid
% Moisture: 15.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1558
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0018.D
Initial Weight/Volume: 15.28 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	380	U	57	380
Hexachlorobenzene	380	U	75	380
Pentachlorophenol	1900	U	38	1900
Phenanthrene	380	U	68	380
Carbazole	380	U	62	380
Anthracene	380	U	69	380
Di-n-butyl phthalate	380	U	73	380
Fluoranthene	210	J	69	380
Pyrene	220	J	77	380
Butyl benzyl phthalate	380	U	63	380
3,3'-Dichlorobenzidine	760	U	64	760
Benzo[a]anthracene	88	J	58	380
Chrysene	120	J	66	380
Bis(2-ethylhexyl) phthalate	160	J B	62	380
Di-n-octyl phthalate	380	U	55	380
Benzo[b]fluoranthene	380	U	55	380
Benzo[k]fluoranthene	380	U	50	380
Benzo[a]pyrene	380	U	43	380
Indeno[1,2,3-cd]pyrene	380	U	43	380
Dibenz(a,h)anthracene	380	U	39	380
Benzo[g,h,i]perylene	380	U	44	380

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	65	25 - 113
Phenol-d5	66	27 - 122
Nitrobenzene-d5	61	25 - 120
2-Fluorobiphenyl	68	32 - 131
2,4,6-Tribromophenol	72	24 - 150
Terphenyl-d14	75	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **BOTTOM**

Lab Sample ID: 220-5394-5
Client Matrix: Solid
% Moisture: 22.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1621
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0019.D
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		420	U	71	420
Bis(2-chloroethyl)ether		420	U	98	420
2-Chlorophenol		420	U	78	420
1,3-Dichlorobenzene		420	U	58	420
1,4-Dichlorobenzene		420	U	74	420
Benzyl alcohol		420	U	60	420
1,2-Dichlorobenzene		420	U	69	420
2,2'-oxybis[1-chloropropane]		420	U	83	420
2-Methylphenol		420	U	63	420
Hexachloroethane		420	U	67	420
N-Nitrosodi-n-propylamine		420	U	86	420
4-Methylphenol		420	U	83	420
Nitrobenzene		420	U	84	420
Isophorone		420	U	79	420
2-Nitrophenol		420	U	61	420
2,4-Dimethylphenol		420	U	56	420
Bis(2-chloroethoxy)methane		420	U	71	420
2,4-Dichlorophenol		420	U	72	420
1,2,4-Trichlorobenzene		420	U	70	420
Naphthalene		420	U	76	420
4-Chloroaniline		420	U	56	420
Hexachlorobutadiene		420	U	74	420
4-Chloro-3-methylphenol		420	U	62	420
2-Methylnaphthalene		130	J	79	420
Hexachlorocyclopentadiene		850	U	110	850
2,4,6-Trichlorophenol		420	U	70	420
2,4,5-Trichlorophenol		2100	U	64	2100
2-Chloronaphthalene		420	U	74	420
2-Nitroaniline		2100	U	68	2100
Acenaphthylene		420	U	79	420
Dimethyl phthalate		420	U	73	420
2,6-Dinitrotoluene		420	U	57	420
Acenaphthene		420	U	75	420
3-Nitroaniline		2100	U	65	2100
2,4-Dinitrophenol		2100	U *	470	2100
Dibenzofuran		420	U	76	420
2,4-Dinitrotoluene		420	U	66	420
4-Nitrophenol		2100	U	78	2100
Fluorene		400	J	79	420
4-Chlorophenyl phenyl ether		420	U	73	420
Diethyl phthalate		420	U	80	420
4-Nitroaniline		850	U	65	850
4,6-Dinitro-2-methylphenol		2100	U	31	2100
N-Nitrosodiphenylamine		420	U	70	420

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: BOTTOM

Lab Sample ID: 220-5394-5
Client Matrix: Solid
% Moisture: 22.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1621
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0019.D
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	420	U	64	420
Hexachlorobenzene	420	U	83	420
Pentachlorophenol	2100	U	43	2100
Phenanthrene	900		75	420
Carbazole	420	U	69	420
Anthracene	170	J	77	420
Di-n-butyl phthalate	420	U	81	420
Fluoranthene	300	J	77	420
Pyrene	410	J	85	420
Butyl benzyl phthalate	420	U	70	420
3,3'-Dichlorobenzidine	850	U	71	850
Benzo[a]anthracene	190	J	64	420
Chrysene	370	J	74	420
Bis(2-ethylhexyl) phthalate	200	J B	69	420
Di-n-octyl phthalate	420	U	61	420
Benzo[b]fluoranthene	200	J	62	420
Benzo[k]fluoranthene	73	J	56	420
Benzo[a]pyrene	130	J	48	420
Indeno[1,2,3-cd]pyrene	110	J	47	420
Dibenz(a,h)anthracene	420	U	44	420
Benzo[g,h,i]perylene	120	J	49	420

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	59	25 - 113
Phenol-d5	66	27 - 122
Nitrobenzene-d5	58	25 - 120
2-Fluorobiphenyl	68	32 - 131
2,4,6-Tribromophenol	61	24 - 150
Terphenyl-d14	72	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **WC-1**

Lab Sample ID: 220-5394-6
Client Matrix: Solid

Date Sampled: 06/12/2008 1250
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 06/17/2008 1209
Date Prepared: 06/16/2008 0854
Date Leached: 06/13/2008 1809

Analysis Batch: 220-17004
Prep Batch: 220-16933
Leachate Batch: 220-16911

Instrument ID: HP 6890/5975
Lab File ID: A0008.D
Initial Weight/Volume: 500 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.020	U	0.00076	0.020
2,4-Dinitrotoluene		0.020	U	0.00096	0.020
2,4,5-Trichlorophenol		0.10	U	0.00066	0.10
2,4,6-Trichlorophenol		0.020	U	0.00084	0.020
2-Methylphenol		0.020	U	0.0010	0.020
Hexachlorobenzene		0.020	U	0.00070	0.020
Hexachlorobutadiene		0.020	U	0.0015	0.020
Hexachloroethane		0.020	U	0.0013	0.020
Nitrobenzene		0.020	U	0.0010	0.020
Pentachlorophenol		0.10	U	0.0082	0.10
Pyridine		0.040	U	0.0032	0.040
4-Methylphenol		0.020	U	0.00078	0.020

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	88	29 - 126
2-Fluorobiphenyl	65	43 - 116
2-Fluorophenol	48	21 - 97
Nitrobenzene-d5	61	38 - 113
Terphenyl-d14	84	10 - 119
Phenol-d5	40	18 - 97

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-1**

Lab Sample ID: 220-5394-7
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 06/12/2008 1025
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1729
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0022.D
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Phenol	420	U	70	420
Bis(2-chloroethyl)ether	420	U	97	420
2-Chlorophenol	420	U	77	420
1,3-Dichlorobenzene	420	U	57	420
1,4-Dichlorobenzene	420	U	73	420
Benzyl alcohol	420	U	59	420
1,2-Dichlorobenzene	420	U	68	420
2,2'-oxybis[1-chloropropane]	420	U	81	420
2-Methylphenol	420	U	62	420
Hexachloroethane	420	U	67	420
N-Nitrosodi-n-propylamine	420	U	85	420
4-Methylphenol	95	J	82	420
Nitrobenzene	420	U	83	420
Isophorone	420	U	78	420
2-Nitrophenol	420	U	60	420
2,4-Dimethylphenol	420	U	56	420
Bis(2-chloroethoxy)methane	420	U	70	420
2,4-Dichlorophenol	420	U	71	420
1,2,4-Trichlorobenzene	420	U	69	420
Naphthalene	170	J	75	420
4-Chloroaniline	420	U	56	420
Hexachlorobutadiene	420	U	73	420
4-Chloro-3-methylphenol	420	U	62	420
2-Methylnaphthalene	380	J	78	420
Hexachlorocyclopentadiene	840	U	110	840
2,4,6-Trichlorophenol	420	U	69	420
2,4,5-Trichlorophenol	2000	U	63	2000
2-Chloronaphthalene	420	U	73	420
2-Nitroaniline	2000	U	67	2000
Acenaphthylene	420	U	78	420
Dimethyl phthalate	420	U	72	420
2,6-Dinitrotoluene	420	U	57	420
Acenaphthene	420	U	74	420
3-Nitroaniline	2000	U	65	2000
2,4-Dinitrophenol	2000	U *	460	2000
Dibenzofuran	170	J	75	420
2,4-Dinitrotoluene	420	U	65	420
4-Nitrophenol	2000	U	77	2000
Fluorene	540		78	420
4-Chlorophenyl phenyl ether	420	U	72	420
Diethyl phthalate	420	U	79	420
4-Nitroaniline	840	U	64	840
4,6-Dinitro-2-methylphenol	2000	U	31	2000
N-Nitrosodiphenylamine	420	U	69	420

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-1**

Lab Sample ID: 220-5394-7
Client Matrix: Solid

% Moisture: 21.4

Date Sampled: 06/12/2008 1025
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1729
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0022.D
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether		420	U	63	420
Hexachlorobenzene		420	U	82	420
Pentachlorophenol		2000	U	42	2000
Phenanthrene		470		74	420
Carbazole		420	U	68	420
Anthracene		350	J	76	420
Di-n-butyl phthalate		420	U	80	420
Fluoranthene		990		76	420
Pyrene		710		84	420
Butyl benzyl phthalate		420	U	69	420
3,3'-Dichlorobenzidine		840	U	70	840
Benzo[a]anthracene		640		63	420
Chrysene		1100		73	420
Bis(2-ethylhexyl) phthalate		320	J B	68	420
Di-n-octyl phthalate		420	U	60	420
Benzo[b]fluoranthene		640		61	420
Benzo[k]fluoranthene		200	J	55	420
Benzo[a]pyrene		410	J	48	420
Indeno[1,2,3-cd]pyrene		330	J	47	420
Dibenz(a,h)anthracene		420	U	43	420
Benzo[g,h,i]perylene		320	J	48	420

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	77	25 - 113
Phenol-d5	79	27 - 122
Nitrobenzene-d5	78	25 - 120
2-Fluorobiphenyl	84	32 - 131
2,4,6-Tribromophenol	80	24 - 150
Terphenyl-d14	63	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: PIPING-2

Lab Sample ID: 220-5394-8
Client Matrix: Solid
% Moisture: 20.6

Date Sampled: 06/12/2008 0920
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1644
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0020.D
Initial Weight/Volume: 15.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Phenol	410	U	69	410
Bis(2-chloroethyl)ether	410	U	95	410
2-Chlorophenol	410	U	76	410
1,3-Dichlorobenzene	410	U	56	410
1,4-Dichlorobenzene	410	U	72	410
Benzyl alcohol	410	U	59	410
1,2-Dichlorobenzene	410	U	67	410
2,2'-oxybis[1-chloropropane]	410	U	80	410
2-Methylphenol	410	U	61	410
Hexachloroethane	410	U	66	410
N-Nitrosodi-n-propylamine	410	U	84	410
4-Methylphenol	410	U	81	410
Nitrobenzene	410	U	82	410
Isophorone	410	U	77	410
2-Nitrophenol	410	U	59	410
2,4-Dimethylphenol	410	U	55	410
Bis(2-chloroethoxy)methane	410	U	69	410
2,4-Dichlorophenol	410	U	70	410
1,2,4-Trichlorobenzene	410	U	68	410
Naphthalene	170	J	74	410
4-Chloroaniline	410	U	55	410
Hexachlorobutadiene	410	U	72	410
4-Chloro-3-methylphenol	410	U	61	410
2-Methylnaphthalene	440		77	410
Hexachlorocyclopentadiene	830	U	100	830
2,4,6-Trichlorophenol	410	U	68	410
2,4,5-Trichlorophenol	2000	U	62	2000
2-Chloronaphthalene	320	J	72	410
2-Nitroaniline	2000	U	66	2000
Acenaphthylene	410	U	77	410
Dimethyl phthalate	410	U	71	410
2,6-Dinitrotoluene	410	U	56	410
Acenaphthene	410	U	73	410
3-Nitroaniline	2000	U	64	2000
2,4-Dinitrophenol	2000	U *	460	2000
Dibenzofuran	150	J	74	410
2,4-Dinitrotoluene	410	U	64	410
4-Nitrophenol	2000	U	75	2000
Fluorene	370	J	77	410
4-Chlorophenyl phenyl ether	410	U	71	410
Diethyl phthalate	410	U	78	410
4-Nitroaniline	830	U	63	830
4,6-Dinitro-2-methylphenol	2000	U	31	2000
N-Nitrosodiphenylamine	410	U	68	410

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-2**

Lab Sample ID: 220-5394-8
Client Matrix: Solid
% Moisture: 20.6

Date Sampled: 06/12/2008 0920
Date Received: 06/13/2008 0925

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

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1644
Date Prepared: 06/13/2008 1217

Analysis Batch: 220-17004
Prep Batch: 220-16887

Instrument ID: HP 6890/5975
Lab File ID: A0020.D
Initial Weight/Volume: 15.10 g
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	410	U	62	410
Hexachlorobenzene	410	U	81	410
Pentachlorophenol	2000	U	42	2000
Phenanthrene	360	J	73	410
Carbazole	410	U	67	410
Anthracene	370	J	75	410
Di-n-butyl phthalate	410	U	79	410
Fluoranthene	1600		75	410
Pyrene	1400		83	410
Butyl benzyl phthalate	410	U	68	410
3,3'-Dichlorobenzidine	830	U	69	830
Benzo[a]anthracene	1000		63	410
Chrysene	1300		72	410
Bis(2-ethylhexyl) phthalate	410	U	67	410
Di-n-octyl phthalate	410	U	60	410
Benzo[b]fluoranthene	1200		60	410
Benzo[k]fluoranthene	390	J	54	410
Benzo[a]pyrene	850		47	410
Indeno[1,2,3-cd]pyrene	740		46	410
Dibenz(a,h)anthracene	230	J	43	410
Benzo[g,h,i]perylene	690		48	410

Surrogate	%Rec	Acceptance Limits
2-Fluorophenol	60	25 - 113
Phenol-d5	62	27 - 122
Nitrobenzene-d5	61	25 - 120
2-Fluorobiphenyl	73	32 - 131
2,4,6-Tribromophenol	55	24 - 150
Terphenyl-d14	67	35 - 140

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: EW-1

Lab Sample ID: 220-5394-1
Client Matrix: Solid
% Moisture: 16.2

Date Sampled: 06/12/2008 1145
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1844
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705024.d
Initial Weight/Volume: 15.17 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	20	U	3.2	20
PCB-1221	39	U	7.0	39
PCB-1232	20	U	4.0	20
PCB-1242	20	U	5.1	20
PCB-1248	20	U	5.0	20
PCB-1254	20	U	3.7	20
PCB-1260	20	U	3.0	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	93	24 - 154
DCB Decachlorobiphenyl	80	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **WW-1**

Lab Sample ID: 220-5394-2
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1901
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705025.d
Initial Weight/Volume: 15.07 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	20	U	3.2	20
PCB-1221	39	U	7.0	39
PCB-1232	20	U	4.0	20
PCB-1242	20	U	5.0	20
PCB-1248	20	U	5.0	20
PCB-1254	20	U	3.7	20
PCB-1260	20	U	3.0	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	89	24 - 154
DCB Decachlorobiphenyl	74	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **NW-1**

Lab Sample ID: 220-5394-3
Client Matrix: Solid
% Moisture: 15.7

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1918
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705026.d
Initial Weight/Volume: 15.03 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	20	U	3.2	20
PCB-1221	39	U	7.1	39
PCB-1232	20	U	4.0	20
PCB-1242	20	U	5.1	20
PCB-1248	20	U	5.1	20
PCB-1254	20	U	3.7	20
PCB-1260	20	U	3.0	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	84	24 - 154
DCB Decachlorobiphenyl	69	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **SW-1**

Lab Sample ID: 220-5394-4
Client Matrix: Solid
% Moisture: 15.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1935
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705027.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	20	U	3.2	20
PCB-1221	39	U	7.0	39
PCB-1232	20	U	4.0	20
PCB-1242	20	U	5.0	20
PCB-1248	20	U	5.0	20
PCB-1254	20	U	3.7	20
PCB-1260	20	U	3.0	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	79	24 - 154
DCB Decachlorobiphenyl	64	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: BOTTOM

Lab Sample ID: 220-5394-5
Client Matrix: Solid
% Moisture: 22.2

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 1952
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705028.d
Initial Weight/Volume: 15.07 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	22	U	3.5	22
PCB-1221	42	U	7.6	42
PCB-1232	22	U	4.4	22
PCB-1242	22	U	5.5	22
PCB-1248	22	U	5.5	22
PCB-1254	22	U	4.0	22
PCB-1260	22	U	3.2	22

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	69	24 - 154
DCB Decachlorobiphenyl	73	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **WC-1**

Lab Sample ID: 220-5394-6
Client Matrix: Solid % Moisture: 26.9

Date Sampled: 06/12/2008 1250
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 06/16/2008 1812
Date Prepared: 06/16/2008 1253

Analysis Batch: 220-16952
Prep Batch: 220-16947

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4704511.d
Initial Weight/Volume: 30.27 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	23	U	6.3	23
PCB-1221	45	U	1.5	45
PCB-1232	23	U	2.5	23
PCB-1242	23	U	4.1	23
PCB-1248	23	U	3.6	23
PCB-1254	23	U	2.1	23
PCB-1260	23	U	4.7	23

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	68	24 - 154
DCB Decachlorobiphenyl	71	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-1**

Lab Sample ID: 220-5394-7
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 06/12/2008 1025
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 2008
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705029.d
Initial Weight/Volume: 15.17 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016	21	U	3.4	21
PCB-1221	42	U	7.5	42
PCB-1232	21	U	4.3	21
PCB-1242	21	U	5.4	21
PCB-1248	21	U	5.4	21
PCB-1254	21	U	4.0	21
PCB-1260	21	U	3.2	21

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	86	24 - 154
DCB Decachlorobiphenyl	66	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: **PIPING-2**

Lab Sample ID: 220-5394-8
Client Matrix: Solid
% Moisture: 20.6

Date Sampled: 06/12/2008 0920
Date Received: 06/13/2008 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3541
Dilution: 1.0
Date Analyzed: 06/17/2008 2025
Date Prepared: 06/13/2008 1244

Analysis Batch: 220-17040
Prep Batch: 220-16893

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4705030.d
Initial Weight/Volume: 15.07 g
Final Weight/Volume: 5 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		21	U	3.4	21
PCB-1221		41	U	7.5	41
PCB-1232		21	U	4.3	21
PCB-1242		21	U	5.4	21
PCB-1248		21	U	5.4	21
PCB-1254		21	U	3.9	21
PCB-1260		21	U	3.2	21

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	86	24 - 154
DCB Decachlorobiphenyl	91	25 - 159

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: EW-1

Lab Sample ID: 220-5394-1
Client Matrix: Solid
% Moisture: 16.2
Date Sampled: 06/12/2008 1145
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1429
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.4	U	0.41	4.4
Aluminum		14300		93.1	148
Arsenic		5.1	J	0.92	7.4
Barium		62.1		0.33	3.0
Beryllium		0.70	J	0.33	2.1
Calcium		2990		16.3	295
Cadmium		7.4	U	0.77	7.4
Cobalt		17.4		0.30	3.0
Chromium		22.5		0.41	4.4
Copper		65.0		0.89	7.4
Iron		26000		10.3	88.6
Potassium		1510		25.1	295
Magnesium		8790		14.8	51.7
Manganese		343		0.30	8.9
Sodium		94.0	J	16.3	295
Nickel		32.6		0.77	7.4
Lead		11.6		0.62	7.4
Antimony		14.8	U	1.8	14.8
Selenium		14.8	U	1.3	14.8
Thallium		10.3	U	4.6	10.3
Vanadium		19.9		0.27	5.9
Zinc		65.7		2.2	29.5

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1241
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
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		0.037	J	0.018	0.060

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: WW-1

Lab Sample ID: 220-5394-2
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1434
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.4	U	0.41	4.4
Aluminum		14700		93.3	148
Arsenic		6.5	J	0.92	7.4
Barium		48.6		0.33	3.0
Beryllium		0.59	J	0.33	2.1
Calcium		1680		16.3	296
Cadmium		7.4	U	0.77	7.4
Cobalt		18.2		0.30	3.0
Chromium		22.9		0.41	4.4
Copper		107		0.89	7.4
Iron		26800		10.4	88.8
Potassium		1490		25.2	296
Magnesium		8830		14.8	51.8
Manganese		354		0.30	8.9
Sodium		112	J	16.3	296
Nickel		28.7		0.77	7.4
Lead		11.7		0.62	7.4
Antimony		14.8	U	1.8	14.8
Selenium		14.8	U	1.3	14.8
Thallium		10.4	U	4.6	10.4
Vanadium		21.4		0.27	5.9
Zinc		58.7		2.2	29.6

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1242
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
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		0.051	J	0.017	0.057

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: NW-1

Lab Sample ID: 220-5394-3
Client Matrix: Solid
% Moisture: 15.7
Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1440
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.4	U	0.42	4.4
Aluminum		14800		93.4	148
Arsenic		5.3	J	0.92	7.4
Barium		82.1		0.33	3.0
Beryllium		0.67	J	0.33	2.1
Calcium		2380		16.3	296
Cadmium		7.4	U	0.77	7.4
Cobalt		15.8		0.30	3.0
Chromium		22.5		0.42	4.4
Copper		78.7		0.89	7.4
Iron		25000		10.4	88.9
Potassium		1920		25.2	296
Magnesium		9850		14.8	51.9
Manganese		405		0.30	8.9
Sodium		202	J	16.3	296
Nickel		33.1		0.77	7.4
Lead		11.0		0.62	7.4
Antimony		14.8	U	1.8	14.8
Selenium		14.8	U	1.3	14.8
Thallium		10.4	U	4.6	10.4
Vanadium		19.8		0.27	5.9
Zinc		72.4		2.2	29.6

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1245
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.64 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	J	0.016	0.056

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: SW-1

Lab Sample ID: 220-5394-4
Client Matrix: Solid
% Moisture: 15.2
Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1446
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.4	U	0.41	4.4
Aluminum		12800		92.9	147
Arsenic		5.3	J	0.91	7.4
Barium		66.2		0.32	2.9
Beryllium		0.59	J	0.32	2.1
Calcium		13800		16.2	295
Cadmium		7.4	U	0.77	7.4
Cobalt		14.1		0.29	2.9
Chromium		18.8		0.41	4.4
Copper		68.4		0.88	7.4
Iron		23200		10.3	88.5
Potassium		1580		25.1	295
Magnesium		15300		14.7	51.6
Manganese		810		0.29	8.8
Sodium		113	J	16.2	295
Nickel		28.8		0.77	7.4
Lead		8.4		0.62	7.4
Antimony		14.7	U	1.8	14.7
Selenium		14.7	U	1.3	14.7
Thallium		10.3	U	4.6	10.3
Vanadium		16.7		0.27	5.9
Zinc		52.1		2.2	29.5

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1246
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
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		0.020	J	0.017	0.057

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: BOTTOM

Lab Sample ID: 220-5394-5
Client Matrix: Solid
% Moisture: 22.2
Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1451
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.7	U	0.44	4.7
Aluminum		7670		99.3	158
Arsenic		7.3	J	0.98	7.9
Barium		108		0.35	3.2
Beryllium		0.41	J	0.35	2.2
Calcium		109000		17.3	315
Cadmium		7.9	U	0.82	7.9
Cobalt		3.9		0.32	3.2
Chromium		21.6		0.44	4.7
Copper		71.5		0.95	7.9
Iron		19900		11.0	94.6
Potassium		1280		26.8	315
Magnesium		71400		15.8	55.2
Manganese		696		0.32	9.5
Sodium		343		17.3	315
Nickel		53.3		0.82	7.9
Lead		31.8		0.66	7.9
Antimony		15.8	U	1.9	15.8
Selenium		15.8	U	1.4	15.8
Thallium		11.0	U	4.9	11.0
Vanadium		13.6		0.28	6.3
Zinc		58.0		2.4	31.5

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1247
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
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		0.023	J	0.019	0.063

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: WC-1

Lab Sample ID: 220-5394-6
Client Matrix: Solid

Date Sampled: 06/12/2008 1250
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 06/17/2008 1326
Date Prepared: 06/16/2008 1110
Date Leached: 06/13/2008 1809

Analysis Batch: 220-17010
Prep Batch: 220-16939
Leachate Batch: 220-16911

Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.022	0.20
Barium		0.53		0.0060	0.025
Cadmium		0.050	U	0.014	0.050
Chromium		0.050	U	0.0050	0.050
Lead		0.050	U	0.015	0.050
Selenium		0.15	U	0.016	0.15
Silver		0.030	U	0.0065	0.030

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 06/18/2008 1252
Date Prepared: 06/18/2008 1124
Date Leached: 06/13/2008 1808

Analysis Batch: 220-17047
Prep Batch: 220-17035
Leachate Batch: 220-17036

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0020	U	0.0010	0.0020

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: PIPING-1

Lab Sample ID: 220-5394-7
Client Matrix: Solid
% Moisture: 21.4
Date Sampled: 06/12/2008 1025
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1457
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.7	U	0.44	4.7
Aluminum		12900		99.2	158
Arsenic		5.4	J	0.98	7.9
Barium		73.0		0.35	3.2
Beryllium		0.67	J	0.35	2.2
Calcium		24200		17.3	315
Cadmium		7.9	U	0.82	7.9
Cobalt		12.8		0.32	3.2
Chromium		19.7		0.44	4.7
Copper		70.0		0.95	7.9
Iron		28800		11.0	94.5
Potassium		1780		26.8	315
Magnesium		12200		15.8	55.1
Manganese		407		0.32	9.5
Sodium		122	J	17.3	315
Nickel		28.6		0.82	7.9
Lead		13.0		0.66	7.9
Antimony		15.8	U	1.9	15.8
Selenium		15.8	U	1.4	15.8
Thallium		11.0	U	4.9	11.0
Vanadium		18.9		0.28	6.3
Zinc		58.9		2.4	31.5

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1249
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.64 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.029	J	0.018	0.060

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Client Sample ID: PIPING-2

Lab Sample ID: 220-5394-8
Client Matrix: Solid
% Moisture: 20.6
Date Sampled: 06/12/2008 0920
Date Received: 06/13/2008 0925

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 06/17/2008 1503
Date Prepared: 06/16/2008 1144
Analysis Batch: 220-17010
Prep Batch: 220-16943
Instrument ID: TJA Trace ICAP
Lab File ID: W061708
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.6	U	0.43	4.6
Aluminum		7920		97.2	154
Arsenic		5.6	J	0.96	7.7
Barium		46.5		0.34	3.1
Beryllium		0.38	J	0.34	2.2
Calcium		87900		17.0	309
Cadmium		3.7	J	0.80	7.7
Cobalt		7.8		0.31	3.1
Chromium		12.4		0.43	4.6
Copper		42.1		0.93	7.7
Iron		22000		10.8	92.6
Potassium		1520		26.2	309
Magnesium		26600		15.4	54.0
Manganese		527		0.31	9.3
Sodium		277	J	17.0	309
Nickel		17.2		0.80	7.7
Lead		43.1		0.65	7.7
Antimony		15.4	U	1.9	15.4
Selenium		15.4	U	1.4	15.4
Thallium		10.8	U	4.8	10.8
Vanadium		14.1		0.28	6.2
Zinc		1870		2.3	30.9

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

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 06/16/2008 1250
Date Prepared: 06/13/2008 1716
Analysis Batch: 220-16950
Prep Batch: 220-16910
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		0.061		0.018	0.061

General Chemistry

Client Sample ID: EW-1

Lab Sample ID: 220-5394-1
Client Matrix: Solid

Date Sampled: 06/12/2008 1145
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.2		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			
Percent Solids	83.8		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			

Client Sample ID: WW-1

Lab Sample ID: 220-5394-2
Client Matrix: Solid

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			
Percent Solids	84.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			

Client Sample ID: NW-1

Lab Sample ID: 220-5394-3
Client Matrix: Solid

Date Sampled: 06/12/2008 1205
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.7		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			
Percent Solids	84.3		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			

General Chemistry

Client Sample ID: SW-1

Lab Sample ID: 220-5394-4
Client Matrix: Solid

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.2		%	0.100	0.100	1.0	PercentMoisture
Anly Batch: 220-16900	Date Analyzed	06/13/2008 1524					
Percent Solids	84.8		%	0.100	0.100	1.0	PercentMoisture
Anly Batch: 220-16900	Date Analyzed	06/13/2008 1524					

Client Sample ID: BOTTOM

Lab Sample ID: 220-5394-5
Client Matrix: Solid

Date Sampled: 06/12/2008 1200
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	22.3		%	0.100	0.100	1.0	PercentMoisture
Anly Batch: 220-16900	Date Analyzed	06/13/2008 1524					
Percent Solids	77.7		%	0.100	0.100	1.0	PercentMoisture
Anly Batch: 220-16900	Date Analyzed	06/13/2008 1524					

Client Sample ID: WC-1

Lab Sample ID: 220-5394-6
Client Matrix: Solid

Date Sampled: 06/12/2008 1250
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Cyanide, Reactive	0.50	U	mg/Kg	0.50	0.50	1.0	9012
Anly Batch: 220-16942	Date Analyzed	06/16/2008 1103				DryWt Corrected: N	
Prep Batch: 220-16932	Date Prepared:	06/14/2008 1140					
Sulfide, Reactive	20.0	U	mg/Kg	20.0	20.0	1.0	9034
Anly Batch: 220-16949	Date Analyzed	06/16/2008 1100				DryWt Corrected: N	
Prep Batch: 220-16946	Date Prepared:	06/14/2008 1140					
pH	7.83	HF	SU	0.100	0.100	1.0	9045C
Anly Batch: 220-16917	Date Analyzed	06/13/2008 2055				DryWt Corrected: N	
Percent Moisture	26.9		%	0.100	0.100	1.0	PercentMoisture
Anly Batch: 220-16900	Date Analyzed	06/13/2008 1524					
Percent Solids	73.1		%	0.100	0.100	1.0	PercentMoisture
Anly Batch: 220-16900	Date Analyzed	06/13/2008 1524					

General Chemistry

Client Sample ID: PIPING-1

Lab Sample ID: 220-5394-7
Client Matrix: Solid

Date Sampled: 06/12/2008 1025
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			
Percent Solids	78.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			

Client Sample ID: PIPING-2

Lab Sample ID: 220-5394-8
Client Matrix: Solid

Date Sampled: 06/12/2008 0920
Date Received: 06/13/2008 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.6		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			
Percent Solids	79.4		%	0.100	0.100	1.0	PercentMoisture
	Anly Batch: 220-16900		Date Analyzed	06/13/2008 1524			

Client: S & W Redevelopment LLC

Job Number: 220-5394-1
Sdg Number: 220-5394

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
220-5394-1	EW-1	87	91	99	103
220-5394-2	WW-1	82	86	100	107
220-5394-3	NW-1	79	87	98	107
220-5394-4	SW-1	83	84	100	130
220-5394-5	BOTTOM	66	68	75	71
220-5394-7	PIPING-1	64	63	70	80
220-5394-8	PIPING-2	82	84	100	137*
MB 220-17220/3		65	61	71	70
MB 220-17223/3		79	80	96	98
MB 220-17268/3		86	87	97	103
LCS 220-17220/2		68	72	69	69
LCS 220-17223/2		86	90	98	96
LCS 220-17268/2		90	94	102	94

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	60-130
12DCE = 1,2-Dichloroethane-d4 (Surr)	49-134
TOL = Toluene-d8 (Surr)	51-137
BFB = 4-Bromofluorobenzene	36-133

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-4832-1

SDG Number: 220-4832

Job Description: Pass & Seymour

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

Attention: Mr. Dan Ours

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

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

METHOD SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4832-1
Sdg Number: 220-4832

Description	Lab Location	Method	Preparation Method
Matrix: Waste			
Volatile Organic Compounds by GC/MS	TAL CT	SW846 8260B	
Purge and Trap for Methanol Extractions	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
Waste Dilution	TAL CT		SW846 3580A
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Waste Dilution	TAL CT		SW846 3580A
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

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

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

SAMPLE SUMMARY

Client: S & W Redevelopment LLC

Job Number: 220-4832-1
Sdg Number: 220-4832

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-4832-1	LNAPL	Waste	04/28/2008 1000	04/29/2008 0930

Mr. Dan Ours
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Job Number: 220-4832-1
Lab Sample Id: 220-4832-1
Client Matrix: Waste
Date Sampled: 04/28/2008 1000
Date Received: 04/29/2008 0930

Client Sample ID: LNAPL

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Acetone	4400	J B	ug/Kg	12000	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Benzene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Bromodichloromethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Bromoform	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Bromomethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Methyl Ethyl Ketone	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Carbon disulfide	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Carbon tetrachloride	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Chlorobenzene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Chloroethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Chloroform	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Chloromethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Dibromochloromethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,1-Dichloroethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,2-Dichloroethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,1-Dichloroethene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,2-Dichloropropane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
cis-1,3-Dichloropropene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
trans-1,3-Dichloropropene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Ethylbenzene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
2-Hexanone	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Methylene Chloride	800	J B	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
methyl isobutyl ketone	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Styrene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,1,2,2-Tetrachloroethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Tetrachloroethene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Toluene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,1,1-Trichloroethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
1,1,2-Trichloroethane	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Trichloroethene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0

Mr. Dan Ours
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Job Number: 220-4832-1
Lab Sample Id: 220-4832-1
Client Matrix: Waste
Date Sampled: 04/28/2008 1000
Date Received: 04/29/2008 0930

Client Sample ID: LNAPL

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Vinyl chloride	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
Xylenes, Total	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
cis-1,2-Dichloroethene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
trans-1,2-Dichloroethene	4800	U	ug/Kg	4800	8260B	04/28/2008 1606	04/30/2008 1333	4.0
GC/MS SEMI VOA								
Phenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Bis(2-chloroethyl)ether	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2-Chlorophenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
1,3-Dichlorobenzene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
1,4-Dichlorobenzene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Benzyl alcohol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
1,2-Dichlorobenzene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,2'-oxybis[1-chloropropane]	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2-Methylphenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Hexachloroethane	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
N-Nitrosodi-n-propylamine	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Methylphenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Nitrobenzene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Isophorone	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2-Nitrophenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,4-Dimethylphenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Bis(2-chloroethoxy)methane	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,4-Dichlorophenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
1,2,4-Trichlorobenzene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Naphthalene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Chloroaniline	100000	U *	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Hexachlorobutadiene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Chloro-3-methylphenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2-Methylnaphthalene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0

Mr. Dan Ours
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Job Number: 220-4832-1
Lab Sample Id: 220-4832-1
Client Matrix: Waste
Date Sampled: 04/28/2008 1000
Date Received: 04/29/2008 0930

Client Sample ID: LNAPL

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Hexachlorocyclopentadiene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,4,6-Trichlorophenol	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,4,5-Trichlorophenol	500000	U	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2-Chloronaphthalene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2-Nitroaniline	500000	U	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Acenaphthylene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Dimethyl phthalate	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,6-Dinitrotoluene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Acenaphthene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
3-Nitroaniline	500000	U	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,4-Dinitrophenol	500000	U *	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Dibenzofuran	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
2,4-Dinitrotoluene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Nitrophenol	500000	U	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Fluorene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Chlorophenyl phenyl ether	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Diethyl phthalate	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Nitroaniline	200000	U	ug/Kg	200000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4,6-Dinitro-2-methylphenol	500000	U	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
N-Nitrosodiphenylamine	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
4-Bromophenyl phenyl ether	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Hexachlorobenzene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Pentachlorophenol	500000	U	ug/Kg	500000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Phenanthrene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Carbazole	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Anthracene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Di-n-butyl phthalate	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Fluoranthene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Pyrene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Butyl benzyl phthalate	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0

Mr. Dan Ours
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Job Number: 220-4832-1
Lab Sample Id: 220-4832-1
Client Matrix: Waste
Date Sampled: 04/28/2008 1000
Date Received: 04/29/2008 0930

Client Sample ID: LNAPL

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
3,3'-Dichlorobenzidine	100000	U *	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Benzo[a]anthracene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Chrysene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Bis(2-ethylhexyl) phthalate	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Di-n-octyl phthalate	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Benzo[b]fluoranthene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Benzo[k]fluoranthene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Benzo[a]pyrene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Indeno[1,2,3-cd]pyrene	100000	U	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Dibenz(a,h)anthracene	100000	U *	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
Benzo[g,h,i]perylene	100000	U *	ug/Kg	100000	8270C	04/29/2008 1617	04/30/2008 0238	1.0
GC SEMI VOA								
PCB-1016	2500	U	ug/Kg	2500	8082	04/29/2008 1559	04/30/2008 1447	5.0
PCB-1221	5000	U	ug/Kg	5000	8082	04/29/2008 1559	04/30/2008 1447	5.0
PCB-1232	2500	U	ug/Kg	2500	8082	04/29/2008 1559	04/30/2008 1447	5.0
PCB-1242	2500	U	ug/Kg	2500	8082	04/29/2008 1559	04/30/2008 1447	5.0
PCB-1248	2500	U	ug/Kg	2500	8082	04/29/2008 1559	04/30/2008 1447	5.0
PCB-1254	2500	U	ug/Kg	2500	8082	04/29/2008 1559	04/30/2008 1447	5.0
PCB-1260	2500	U	ug/Kg	2500	8082	04/29/2008 1559	04/30/2008 1447	5.0
METALS								
Silver	3.8	U	mg/Kg	3.8	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Aluminum	125	U	mg/Kg	125	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Arsenic	1.1	J	mg/Kg	6.2	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Barium	0.36	J	mg/Kg	2.5	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Beryllium	1.8	U	mg/Kg	1.8	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Calcium	20.8	J	mg/Kg	250	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Cadmium	6.2	U	mg/Kg	6.2	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Cobalt	2.5	U	mg/Kg	2.5	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Chromium	3.8	U	mg/Kg	3.8	6010B	04/30/2008 1201	05/01/2008 1222	1.0

Mr. Dan Ours
S & W Redevelopment LLC
430 East Genesee Street, Suite 140
Syracuse, NY 13202

Job Number: 220-4832-1
Lab Sample Id: 220-4832-1
Client Matrix: Waste
Date Sampled: 04/28/2008 1000
Date Received: 04/29/2008 0930

Client Sample ID: LNAPL

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Copper	1.3	J	mg/Kg	6.2	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Iron	61.2	J	mg/Kg	75.0	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Potassium	250	U	mg/Kg	250	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Magnesium	43.8	U	mg/Kg	43.8	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Manganese	7.5	U	mg/Kg	7.5	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Sodium	250	U	mg/Kg	250	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Nickel	6.2	U	mg/Kg	6.2	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Lead	6.2	U	mg/Kg	6.2	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Antimony	12.5	U	mg/Kg	12.5	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Selenium	12.5	U	mg/Kg	12.5	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Thallium	8.8	U	mg/Kg	8.8	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Vanadium	5.0	U	mg/Kg	5.0	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Zinc	25.0	U	mg/Kg	25.0	6010B	04/30/2008 1201	05/01/2008 1222	1.0
Mercury	0.050	U	mg/Kg	0.050	7471A	05/01/2008 1538	05/02/2008 1150	1.0

DATA REPORTING QUALIFIERS

Client: S & W Redevelopment LLC

Job Number: 220-4832-1
Sdg Number: 220-4832

Lab Section	Qualifier	Description
GC/MS VOA		
	B	The analyte was found in an associated blank, as well as in the sample.
	J	Indicates an estimated value.
	U	Analyzed for but not detected.
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	U	Analyzed for but not detected.
GC Semi VOA		
	U	Analyzed for but not detected.
Metals		
	J	Sample result is greater than the MDL but below the CRDL
	U	Indicates analyzed for but not detected.

Appendix B
Disposal Documents

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447454
Date: 7/11/2000
Time: 11:17:53 - 11:18:14
Scale
Gross: 73640 lb In Manual W
Tare: 26000 lb P.T.
Net: 47640 lb

Truck: 36222AF
Customer: 04412/ABSCOPE ENVIRONMEN License: 36222AF
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	23.82 ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: _____ Deputy Weighmaster: _____
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447494
Date: 7/11/2000
Time: 13:14:02 - 13:14:26
Scale
Gross: 62520 lb In Manual W
Tare: 26000 lb P.T.
Net: 36520 lb

Truck: 36222AF
Customer: 04412/ABSCOPE ENVIRONMEN License: 36222AF
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	18.26 ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: _____ Deputy Weighmaster: _____
KT

ABSCOPE ENVIRONMENTAL, INC.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8823

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # _____
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816		TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OLRES		7-11-08
TRANSPORTER 1	Randy Forciow		7-11-08
TRANSPORTER 2			
RECEIVED BY	K. Tarr	K. Tarr	071108

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

ABSCOPE ENVIRONMENTAL, INC.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8824

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # _____
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID #	SHIPPER EPA ID #
N/A	N/A
ADDRESS	ADDRESS
NORTH DIVISION STREET	47 BOYD AVENUE
CITY / STATE / ZIP	CITY / STATE / ZIP
AUBURN, NY 13021	SOLVAY NY 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	21	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OHRS		7-11-08
TRANSPORTER 1	Randy Forcier		7-11-08
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	City of Auburn LF		07/11/08

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

ABSCOPE ENVIRONMENTAL, INC.
1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8806

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # ____
EPA ID # ~~NY0000097444~~ TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 ____ VEHICLE ID # ____
EPA ID # ____ TRANS. 2 PHONE ____

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS M816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP ____ TIME ON SITE ____ TIME LEFT SITE ____ TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE ____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Dan Oaks	[signature]	7-10-08
TRANSPORTER 1	Michael Pepper	[signature]	7-10-08
TRANSPORTER 2	Randy Forcible	[signature]	7-11-08
RECEIVED BY	K. Tarr	K. Tarr	071108

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447305
Date: 7/11/2008
Time: 08:44:30 - 08:46:20
Scale
Gross: 70840 lb In Manual W
Tare: 28100 lb P.T.
Net: 42740 lb

Truck: 16079JX
Customer: 04412/ABSCOPE ENVIRONMEN
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	21.37	ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster: _____
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447371
Date: 7/11/2008
Time: 08:00:14 - 08:01:44
Scale
Gross: 70740 lb In Manual W
Tare: 26000 lb P.T.
Net: 44740 lb

Truck: 36222AF
Customer: 04412/ABSCOPE ENVIRONMEN License: 36222AF
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	22.37	ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster: _____
KT

ABSCOPE ENVIRONMENTAL, INC.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8807

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC.
EPA ID # NY0000097444
VEHICLE ID #
TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2
EPA ID #
VEHICLE ID #
TRANS. 2 PHONE

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OWRS		7-10-08
TRANSPORTER 1	Michael Peryer		7-10-08
TRANSPORTER 2			
RECEIVED BY	K. Tarr	K. Tarr	071108

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447311
Date: 7/10/2000
Time: 12:40:23 - 12:40:57

Scale
Gross: 76480 lb In Manual W
Tare: 28100 lb P.T.
Net: 48380 lb

Truck: 16079JX
Customer: 04412/ABSCOPE ENVIRONMEN
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	24.19 ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster: _____
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447460
Date: 7/11/2000
Time: 11:34:03 - 11:34:11

Scale
Gross: 73400 lb In Manual W
Tare: 28100 lb P.T.
Net: 45300 lb

Truck: 16079JX
Customer: 04412/ABSCOPE ENVIRONMEN
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	22.65 ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster: _____
KT

ABSCOPE ENVIRONMENTAL, INC.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8805

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID #
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 VEHICLE ID #
EPA ID # TRANS. 2 PHONE

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OWEN		7-10-08
TRANSPORTER 1	Michael Penyen		7-10-08
TRANSPORTER 2			
RECEIVED BY	J. Corcoran	J. Corcoran	7-10-08

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

ABSCOPE ENVIRONMENTAL, INC.

DOCUMENT 8804

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # _____
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY			SHIPPER		
AUBURN COUNTY LANDFILL			PASS & SEYMOUR		
FACILITY EPA ID #			SHIPPER EPA ID #		
N/A			N/A		
ADDRESS			ADDRESS		
NORTH DIVISION STREET			47 BOYD AVENUE		
CITY	STATE	ZIP	CITY	STATE	ZIP
AUBURN,	NY	13021	SOLVAY	NY	13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Don Olmes		2-10-08
TRANSPORTER 1	Michael Pawyer		2-10-08
TRANSPORTER 2		SIGN	DATE
TSDF		SIGN	DATE 071008

YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

of Auburn Solid Waste
North Division Street
urn, NY 13021
hone: (315)255-4123 Fax: (315)255-5330

Ticket: 447240
Date: 7/10/2008
Time: 09:10:35 · 09:11:19
Scale
Gross: 60980 lb In Manual W
Tare: 28100 lb P.T.
Net: 40880 lb

Truck: 16079JX
Customer: 04412/ABSCOPE ENVIRONMEN
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	20.44	ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature]

Deputy Weighmaster: _____
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447239
Date: 7/10/2008
Time: 09:07:55 - 09:09:17

			Scale
Gross:	54120 lb	In	Manual W
Tare:	25960 lb		P.T.
Net:	28160 lb		

Truck: 47908JS
Customer: 04412/ABSCOPE ENVIRONMEN License: 47908JS
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment: 24

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	14.08 ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: Sean Make (signature) Deputy Weighmaster: ____________
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447500
Date: 7/11/2008
Time: 13:44:10 - 13:44:29

			Scale
Gross:	58100 lb	In	Manual W
Tare:	25960 lb		P.T.
Net:	32140 lb		

Truck: 47908JS
Customer: 04412/ABSCOPE ENVIRONMEN License: 47908JS
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	16.07 ton	[redacted]n	[redacted]

Total Amount: [redacted]

Driver: Sean Make (signature) Deputy Weighmaster: ____________
KT

ABSCOPE ENVIRONMENTAL, INC.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8820

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC.
EPA ID # NY0000097444
VEHICLE ID #
TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2
EPA ID #
VEHICLE ID #
TRANS. 2 PHONE

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS 7 NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	5/6	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OWNS		7-11-08
TRANSPORTER 1	Sean Machner		7-11-08
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	K. Tarr	K. Tarr	071108

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447358
Date: 7/11/2000
Time: 07:31:16 - 07:33:47

Gross: 66420 lb In Scale
Tare: 25960 lb Manual W
Net: 40460 lb P.T.

Truck: 47908JS
Customer: 04412/ABSCOPE ENVIRONMEN License: 47908JS
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comments:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	20.23	ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster: _____
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447310
Date: 7/10/2000
Time: 12:45:08 - 12:46:54

Gross: 70760 lb In Scale
Tare: 25960 lb Manual W
Net: 44800 lb P.T.

Truck: 47908JS
Customer: 04412/ABSCOPE ENVIRONMEN License: 47908JS
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comments:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	22.40	ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster: _____
KT

ABSCOPE ENVIRONMENTAL, INC.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 8803

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # _____
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OMRS		7-10-08
TRANSPORTER 1	Sean Martin	Sean Martin	7-10-08
TRANSPORTER 2			
RECEIVED BY	J. Corcoran	J. Corcoran	7-10-08

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

ABSCOPE ENVIRONMENTAL, INC.

DOCUMENT 8801

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # _____
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY			SHIPPER		
AUBURN COUNTY LANDFILL			PASS & SEYMOUR		
FACILITY EPA ID #			SHIPPER EPA ID #		
N/A			N/A		
ADDRESS			ADDRESS		
NORTH DIVISION STREET			47 BOYD AVENUE		
CITY	STATE	ZIP	CITY	STATE	ZIP
AUBURN,	NY	13021	SOLVAY	NY	13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN DUKES	D Dukes	7-10-08
TRANSPORTER 1	Sean MacRae	Sean MacRae	7-10-08
TRANSPORTER 2			
RECEIVED BY	K. Tarr	K. Tarr	071108

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447459
Date: 7/11/2000
Time: 11:31:03 - 11:31:24

Gross: 68660 lb In
Tare: 25960 lb
Net: 42700 lb

Scale
Manual W
P.T.

Truck: 47900JS
Customer: 04412/ABSCOPE ENVIRONMEN License: 47900JS
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin	Materials & Services	Quantity	Unit	Rate/Unit	Amount
03/OUTSIDE OF COUNTY	100% of CS07/CONTAMINATED SO	21.35	ton	[redacted]	[redacted]

Total Amount: [redacted]

Driver: [signature]

Deputy Weighmaster: _____
KT

City of Auburn Solid Waste
311 North Division Street
Auburn, NY 13021
Phone: (315)255-4123 Fax: (315)255-5330

Ticket: 447403
Date: 7/11/2000
Time: 09:32:00 - 09:34:03

Gross: 69420 lb At In Manual W
Tare: 25960 lb P.T.
Net: 43460 lb

Truck: 47900JS
Customer: 04412/ABSCOPE ENVIRONMEN License: 47900JS
Truck Type: DUMP TRUCK

Grid: 01/LANDFILL
Comment:

Origin | Materials & Services | Quantity Unit | Rate/Unit | Amount
03/OUTSIDE OF COUNTY | 100% of CS07/CONTAMINATED SO | 21.73 ton | [redacted] | [redacted]

Total Amount: [redacted]

Driver: [signature] Deputy Weighmaster:
KT

ABSCOPE ENVIRONMENTAL, INC.

DOCUMENT 8802

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID #
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 VEHICLE ID #
EPA ID # TRANS. 2 PHONE

DESIGNATED FACILITY			SHIPPER		
AUBURN COUNTY LANDFILL			PASS & SEYMOUR		
FACILITY EPA ID #			SHIPPER EPA ID #		
N/A			N/A		
ADDRESS			ADDRESS		
NORTH DIVISION STREET			47 BOYD AVENUE		
CITY	STATE	ZIP	CITY	STATE	ZIP
AUBURN,	NY	13021	SOLVAY	NY	13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OWNS		7-10-08
TRANSPORTER 1	Seanmac Rae	Seanmac Rae	7-10-08
TRANSPORTER 2			
RECEIVED BY	K. Tarr	K. Tarr	071108

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

ABSCOPE ENVIRONMENTAL, INC.

DOCUMENT 8821

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC.
EPA ID # NY0000097444
VEHICLE ID #
TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2
EPA ID #
VEHICLE ID #
TRANS. 2 PHONE

DESIGNATED FACILITY	SHIPPER
AUBURN COUNTY LANDFILL	PASS & SEYMOUR
FACILITY EPA ID # N/A	SHIPPER EPA ID # N/A
ADDRESS NORTH DIVISION STREET	ADDRESS 47 BOYD AVENUE
CITY AUBURN, STATE NY ZIP 13021	CITY SOLVAY STATE NY ZIP 13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SAND, SOIL NON-HAZARDOUS N816	24	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	DAN OWNS	D Owns	7-11-08
TRANSPORTER 1	Sean MacRae	Sean MacRae	7-11-08
TRANSPORTER 2			
RECEIVED BY	K. Tarr	K. Tarr	07/11/08

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE

ABSCOPE ENVIRONMENTAL, INC.

DOCUMENT 8769

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

AEI JOB NO. 28846

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID #
EPA ID # NY0000097444 TRANS. 1 PHONE 315-697-8437

TRANSPORTER 2 VEHICLE ID #
EPA ID # TRANS. 2 PHONE

DESIGNATED FACILITY			SHIPPER		
INDUSTRIAL OIL TANK SERVICES			PASS & SEYMOUR		
FACILITY EPA ID #			SHIPPER EPA ID #		
NYR000005298			N/A		
ADDRESS			ADDRESS		
120 DRY ROAD			47 BOYD AVENUE		
CITY	STATE	ZIP	CITY	STATE	ZIP
ORISKANY	NY	13424	SOLVAY	NY	13209

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	TT		A. WATER CONTAMINATED WITH OIL NON-HAZARDOUS N018	~~40~~ 80 BF	GALLONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Philip F DeCicco		6/12/08
TRANSPORTER 1	Randy Forciore		6-12-08
TRANSPORTER 2			
RECEIVED BY	Brett D. Field	Brett D. Field	6/12/08

WHITE - OFFICE YELLOW - SHIPPER PINK - TSDF GOLD - OFFICE