Report

New York State Environmental Restoration Program (ERP) Interim Remedial Measure

47 Utica Street, Hamilton Madison County New York

Site No. E7-27-011

May 2006

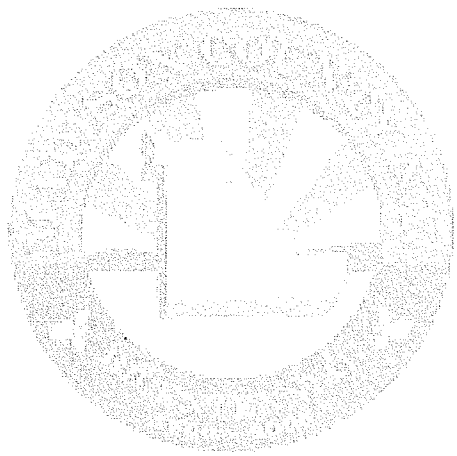
Stearns & Wheler
Companies

ENVIRONMENTAL RESTORATION PROGRAM
INTERIM REMEDIAL MEASURE (IRM) REPORT
47 UTICA STREET, HAMILTON
MADISON COUNTY, NEW YORK

ERP No. E7-27-011

Prepared for

Madison County, New York
138 North Court Street
Wampsville, NY 13163



Prepared by

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May 2006

Project No. L4206

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICIES

1.0 INTRODUCTION

Madison County, New York (County) has completed an Interim Remedial Measure (IRM) at 47 Utica Street, Hamilton, New York (Site). The IRM involved the removal of two (2) underground storage tanks (USTs) petroleum-contaminated soils, in accordance with a Work Plan prepared by Stearns & Wheler Companies, (S&W) (August 2005), and subsequently approved by the New York State Department of Environmental Conservation (NYSDEC). The IRM was carried out under the terms of the New York State Environmental Restoration Program (ERP) and followed relevant guidelines set forth by the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (December 2002).

This report describes the IRM activities that were undertaken by Madison County pursuant to the approved IRM Work Plan.

1.1 BACKGROUND

The subject site is located on the western side of Utica Street (NYS Route 12B) in the Village of Hamilton, New York (Figure 1). The Site is bordered by commercial/retail property (North), a former Agway Service Station (South), Utica Street (East), and residential properties (West) (Figure 2). Madison County, the current owner of the Site, took title to the property under tax foreclosure in 2002. Prior to then, the Site had been used as a gasoline service station for at least 25 years. In November 2000, the site fuel dispensers and five (5) USTs were removed under the direction of the NYSDEC. A sixth UST (a waste oil tank) was not removed. During these tank removal activities, petroleum impacts were observed on soils adjacent to the USTs. Based on these field observations, the NYSDEC spills hotline was contacted and spill file number 00-09395 was assigned to the Site.

Following the 2000 tank removal activities, a *Preliminary Subsurface Investigation Report* was completed by Nature's Way Environmental Consultants and Contractors, Inc. and submitted to the NYSDEC in April 2002. To date, subsequent investigations have included the advancement of subsurface soil borings, construction of twelve (12) groundwater monitoring wells (MW-1 through MW-12), as well as an air sparge pilot test well (AS-1) and a high vacuum extraction pilot test well (HVE-1). Beginning in March 2002 and ending in 2005, Nature's Way collected groundwater samples from the 12 site

monitoring wells on a quarterly basis. Based on the quarterly results, the groundwater flow direction is fairly consistent towards the southwest. Groundwater contamination south and east of the former UST area is evident, primarily in monitoring wells MW-1, -3, -4, -5, and -6. Off site data continue to indicate contamination in monitoring well MW-10 adjacent to the property boundary. Historic groundwater flow direction and the most recent groundwater quality data (from March 2005) are presented in Figure 3.

On May 26, 2005, the Site's application into the ERP was accepted by NYSDEC. Early meetings between the County and NYSDEC identified the need to remove the one (1) known 550-gallon waste oil UST; the only known potential source of contamination remaining at the Site. This source removal was to be implemented as an IRM.

1.2 IRM OBJECTIVES

The IRM approach identified in the approved IRM Work Plan consisted of contaminant source removal associated with the single UST known to remain at the Site. Planned actions involved the following:

- Removal of one (1) 550-gallon petroleum UST from the subject Site, reportedly located adjacent to the former UST area, and the existing building; (Figure 2) and
- Excavation of petroleum impacted soils encountered surrounding the 550-gallon UST, if any.

Subsequent to initiating the removal of the 550-gallon UST, the IRM was expanded to include the removal of a previously unknown 275-gallon UST that was discovered adjacent to the known 550-gallon UST during Site activities.

Removing the two (2) USTs and contaminated soil from the Site achieved the IRM objective, which was to reduce the mass of Site contaminants by removing a potential source, and thereby reduce human exposure risk relative to the Site's contemplated reuse as a commercial property.

2.0 IRM (SOURCE REMOVAL) ACTIVITIES

2.1 APPROACH

The IRM was completed as two field mobilization efforts, occurring on October 5, 2005 and November 3, 2005. The two (2) USTs were excavated and removed from the Site on October 5, 2005, following notification to NYSDEC of the second identified tank and notice of approval to proceed. Contaminated soil was excavated from the UST area and removed for off-site disposal on November 3, 2005. S&W personnel provided environmental field reviews, monitoring, and sampling services during UST and source removal. Abscope Environmental, Inc. (Abscope) completed the excavation, removal and disposal of the two (2) USTs. Egan Excavating provided a vacuum truck to remove groundwater from the excavation.

Prior to removing the USTs, overlying soils were excavated to confirm each tank's location and size. The USTs were then exposed and residual liquid contents were removed and collected into 55-gallon drums. Visible piping associated with the USTs was removed. After the USTs positions were confirmed and all piping had been removed, the USTs were removed from the excavation and staged on polyethylene sheeting. According to Abscope the USTs were cleaned on-site and all wash water was contained in 55-gallon drums. The cleaned empty USTs were cut into pieces, transported off-site, and disposed of at a scrap metal recycling facility.

Prior to removing contaminated soil from the UST excavation, S&W collected a soil sample from the excavation underlying the USTs for waste disposal characterization. The soil sample was submitted to Certified Environmental Services, Inc., Syracuse, New York, a NYS Department of Health (NYSDOH) certified laboratory, and analyzed in accordance with the proposed disposal facility requirements: Toxicity Characteristic Leaching Protocol (TCLP) metals (arsenic, barium, cadmium, chromium, lead, selenium, silver, and mercury), TCLP VOCs, TCLP pesticides, TCLP herbicides, PCBs, flashpoint, corrosivity and reactivity. The disposal characterization analytical results are included in Appendix A. Abscope provided the disposal characterization data to S&W for review, and to the Madison County Landfill (Canastota, New York) for approval and acceptance, prior to excavating and transporting contaminated soil for off-site disposal.

Soil excavation resumed on November 3, 2005 to remove impacted soils associated with the USTs. In general, physical observations (i.e. visible staining, odors) were used to determine the limits of excavation. Additionally, soil samples were collected from the excavation and were field screened using a photo-ionization detector (PID) calibrated to 100 parts per million (ppm) isobutylene to aid in determining the excavation limits. Soil was excavated to approximately 10 to 11 feet below ground surface (bgs), or 1 to 2 feet below the top of groundwater which was encountered at approximately 9-feet bgs. A vacuum truck was used to remove groundwater from the excavation. The excavation continued laterally until apparent petroleum impacts diminished or structures limited further excavation. The approximate excavation limits are depicted in Figure 4. The excavated soil was loaded directly into trucks for transport to the off-site disposal facility (Madison County Landfill), consistent with received authorizations. The groundwater removed from the excavation was transported to Industrial Oil, Oriskany, New York for disposal on November 3, 2005.

End-point soil samples were taken from the completed excavation in accordance with NYSDEC DER 10. The end-point soil samples were collected from each sidewall and the bottom of the excavation. A vacuum truck was used to remove groundwater from the bottom of the excavation to allow for soil sample collection from the excavation floor. All end-point soil samples were analyzed for VOCs (EPA Method 8260) and semi-volatile organic compounds (SVOCs, EPA Method 8270) by STL Connecticut, Shelton, Connecticut, a NYS Department of Health (NYSDOH) certified laboratory. The excavation was backfilled with clean granular fill and graded to promote positive drainage.

2.2 FIELD OBSERVATIONS

2.2.1 UST REMOVAL, OCTOBER 5, 2005

Information available prior to implementation of the IRM indicated that one (1) 550-gallon UST remained at the Site. The presence of this UST was confirmed. The UST was taken out of the ground and placed on polyethylene sheeting. Approximately 30-gallons of apparent waste oil were removed from the UST and stored in a 55-gallon drum. The UST appeared intact upon removal, with no visible holes. A sample of soil underlying the removed UST yielded a field PID reading of 1,616 ppm.

During the excavation of soils overlying the known 550-gallon UST, fuel lines were uncovered, leading to the discovery of a second, previously unknown 275-gallon UST adjacent to the known UST. The decision was made to remove the second, previously unknown, UST as part of the IRM following consultation with the County and NYSDEC. The contents of the second UST, approximately 25-gallons of water and rusted metal were removed and transferred to a 55-gallon drum. The second UST was then removed and placed on polyethylene sheeting. A sample of soils underlying the second UST yielded a field PID reading of 1,278 ppm.

A total of two (2) 55-gallon drums containing liquid removed from the USTs and the wash water were transported to Industrial Oil Tank Services, Oriskany, New York for disposal on October 5, 2005 (Bill of Lading is included in Appendix B). Photographs of the UST removal and soil excavation are presented in Appendix C.

Based on observations of potential soil contamination below the USTs, a soil sample was taken for disposal characterization analysis. The excavation of impacted soil was suspended until analytical data was available, so that excavated soil could be loaded directly onto trucks for immediate transport off-site, consistent with the received protocol for the Madison County Landfill.

To address potential health and safety concerns posed by suspending excavation activities, the excavation was temporarily filled with clean backfill. A layer of polyethylene sheeting was placed in the excavation covering the floor and sidewalls. Clean backfill was placed on top of the sheeting to grade. A small (approximately 5 cubic yards) amount of impacted soils was stockpiled and covered with polyethylene sheeting.

2.2.2 EXCAVATION OF CONTAMINATED SOILS, NOVEMBER 3, 2005

On November 3, 2005, Abscope returned to the Site to excavate impacted soils in the vicinity of the two (2) recently removed USTs. S&W personnel provided environmental field review, monitoring, and sampling services during source removal. The predominant soil type observed in the excavation consisted of fine to coarse sand and gravel to a depth of approximately 10 to 11 feet bgs, which was approximately 1 to 2 feet below the water table.

The clean backfill that had been placed was removed from the UST excavation and temporarily staged on-site for later reuse as backfill. The UST excavation was then extended in all directions, except north due to the presence of the Site building. The southern portion of the excavation included the area surrounding monitoring well MW-1. Well MW-1 was not removed; however, it is possible that the well has been affected by the excavation that has occurred in close proximity around it.

Field PID readings of soil samples obtained from the north wall of the excavation ranged from 0 ppm to 4.5 ppm and a very slight petroleum odor was noted. The excavation was extended to the east and south walls until field PID readings diminished to a level of 0 to 2 ppm in soils above the water table. Field PID readings of soils at or below the water table remained above 100 ppm. Visible and physical evidence of impacts also were diminished at the limits of the excavation's south and east walls in the unsaturated zone. As the excavation extended to the south, fill material encountered changed from fine to coarse sand to fine to coarse sand and ash and brick fragments indicating a previous fill event. The excavation was extended to the west until physical site constraints (property boundary and a line of trees) prevented further excavation. Field PID readings of soil samples taken from the west wall above the water table ranged from 0 ppm to 47 ppm. The majority of the impacted soil was encountered just above and below the water table, thus much of the soils above the water table were temporarily staged on-site for later use as backfill for the UST excavation.

In addition to the field PID readings, a continuous air monitoring program was undertaken during the field activities on October 5, 2005 in accordance with the Community Air Monitoring Plan (CAMP). Results of the CAMP are included in Appendix D. The air monitoring results do not indicate a release of particulates or dust exceeding 100 $\mu g/m^3$ above background levels.

Groundwater was removed from the excavation to allow for soil removal below the water table. A total of 495 gallons of groundwater were transported by Egan Excavating to Industrial Oil for disposal. The Bill of Lading is included in Appendix B.

The final UST excavation was approximately 30-feet by 20-feet and is depicted in Figure 3. The excavation extended to approximately 11 feet below ground surface (bgs). According to soil disposal documentation (Appendix B) from the Madison County

Landfill (Landfill), a total of 44.87-tons of petroleum impacted soils were removed from the site and transported to the Landfill on November 3, 2005.

End-point sample locations are shown on Figure 3:

- NW-1: north sidewall at approximately 7-feet bgs.
- EW-1: east sidewall at approximately 5-feet bgs (composite of two samples, one taken approximately 20-feet south of the northeast corner and one taken near the southeast corner).
- SW-1: south sidewall at approximately 6-feet bgs
- WW-1: west sidewall at approximately 7-feet bgs.
- Floor-1: below water table in north portion of the excavation floor in the vicinity of the removed USTs
- Floor-2: below water table in the southern portion of the excavation.

Soil with no indication of petroleum impacts that would preclude reuse at the site (i.e. no physical evidence and field PID readings less than 5 ppm) was segregated and staged for later use as backfill. Clean off-site gravel was used in addition to the non-impacted excavated soils to backfill the excavation to grade.

2.3 ANALYTICAL RESULTS

The laboratory analytical results (Appendix E) for UST excavation soil samples are summarized below and are presented in Table 1:

A. **VOCs** Only one (1) end-point sample contained VOCs above TAGM 4046 RSCOs. A total VOC concentration of 29.523 mg/Kg was reported for this sample (Floor-2) with three (3) compounds (m,p-xylenes, n-propylbenzene, and 1,3,5-trimethylbenzene) slightly exceeding TAGM 4046 RSCOs. Laboratory analytical results indicated that soil samples NW-1, EW-1, SW-1 and WW-1 did not contain VOCs above laboratory detection limits. Sample Floor-1 analytical results indicated the sample did not contain VOCs above detection limits with the exception of naphthalene (.00087J mg/Kg).

B. **SVOCs** The total SVOC concentration for samples WW-1 (18.04 mg/Kg) and NW-1 (11.89 mg/Kg) meet the TAGM 4046 RSCO total SVOC value (<500 ppm). Samples WW-1 and NW-1 contained six (6) individual SVOCs with

concentrations exceeding RSCOs (benzo(a)anthracene, chrysene, benzo(b)fluoranthrene, benzo(k)fluoranthrene, benzo(a)pyrene, and dibenz(a,h)anthracene). Laboratory SVOC analytical results indicate that end-point samples EW-1, SW-1, and Floor-1 did not contain SVOCs above laboratory detection limits.

C. **Lead** The total lead concentration reported for the end-point soil samples ranged from 5.5 mg/Kg (Floor-1) to 315 mg/Kg (WW-1). No specific TAGM RSCO exists for lead, which is a common background soil contaminant, owing to ubiquitous historic sources such as lead-based paints and leaded fuels. Background lead concentrations in developed areas and near roadways may exceed 200 mg/Kg, and USEPA allows up to 400 mg/Kg in residential soils.

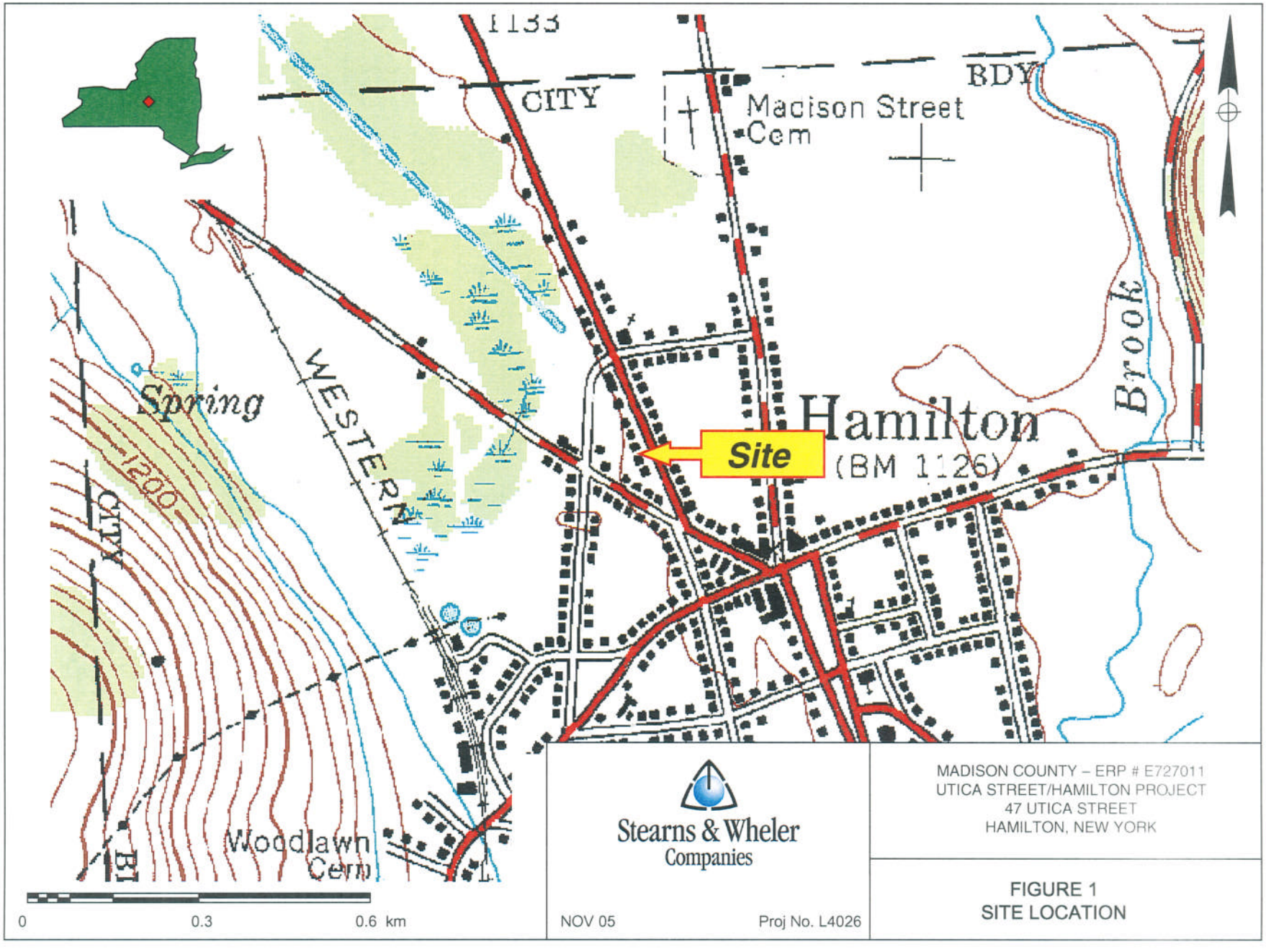
3.0 SUMMARY

Two (2) USTs, their liquid contents and approximately 45-tons of impacted soil were removed from the Site and disposed of as an IRM. Laboratory results indicated that most of the end-point soil samples did not contain VOCs or SVOCs at concentrations above TAGM 4046 RSCOs. One (1) soil sample, Floor-2 (taken from the floor of the southern portion of the excavation) contained VOCs slightly above TAGM 4046 RSCOs; m,p-xylene, n-propylbenzene, and 1,3,5-trimethylbenzene. Two (2) samples (WW-1 and NW-1) contained SVOCs with concentrations only slightly above TAGM 4046 RSCOs: benzo(a)anthracene, chrysene, benzo(b)fluoranthrene, benzo(k)fluoranthrene, benzo(a)pyrene, and dibenz(a,h)anthracene. Both of these samples were taken from the point where the excavation could not be practically extended due to the location of the Site building (NW-1) and the adjacent property line (WW-1).

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the field observations and analytical results, it appears that the potential source material associated with two (2) USTs has been removed from the Site, except near the building foundation where slight exceedances were encountered. Therefore, the IRM effectively removed the potential source of contamination (USTs and associated soils).

Figures



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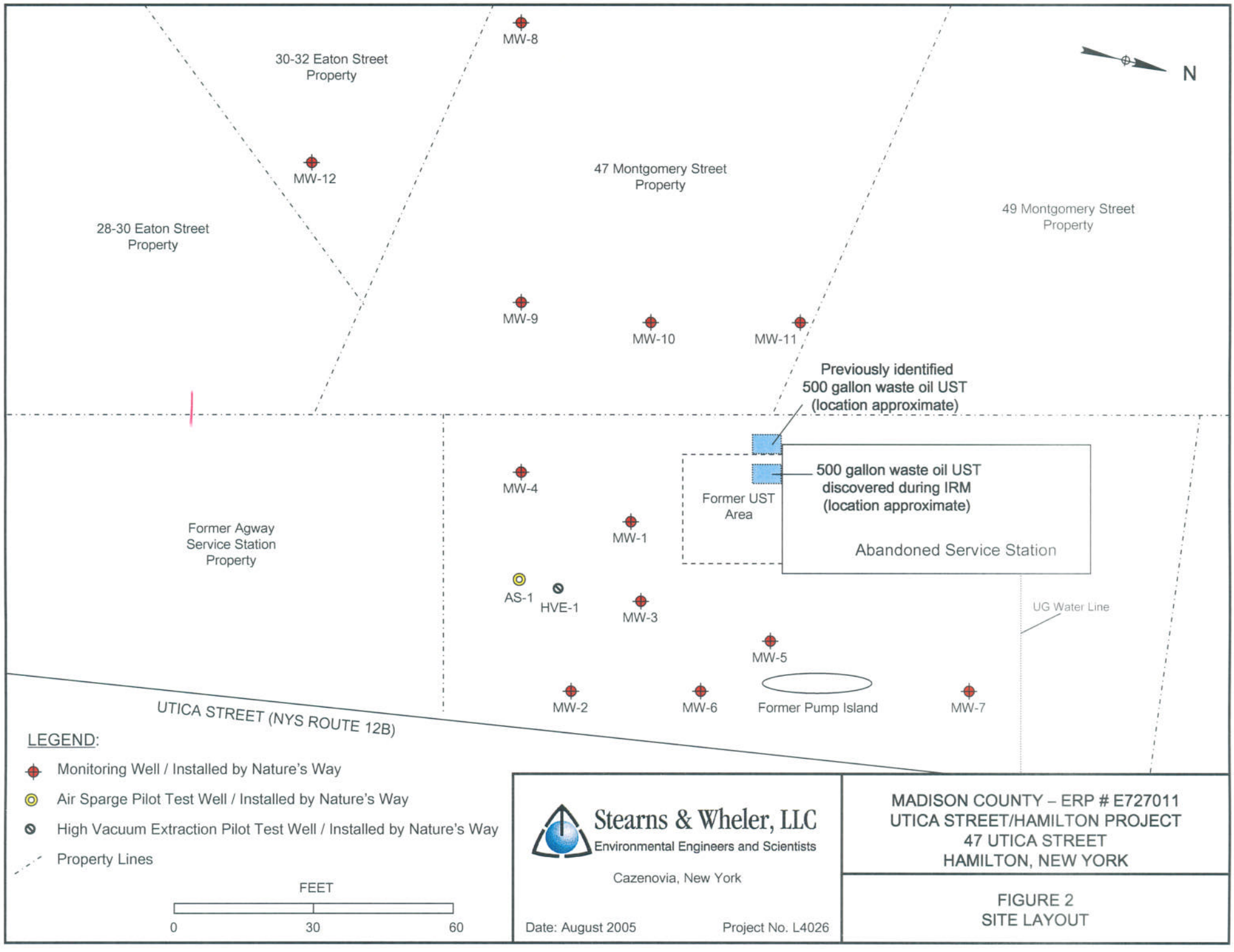
Proj No. L4026

MADISON COUNTY – ERP # E727011
UTICA STREET/HAMILTON PROJECT
47 UTICA STREET
HAMILTON, NEW YORK

FIGURE 1
SITE LOCATION

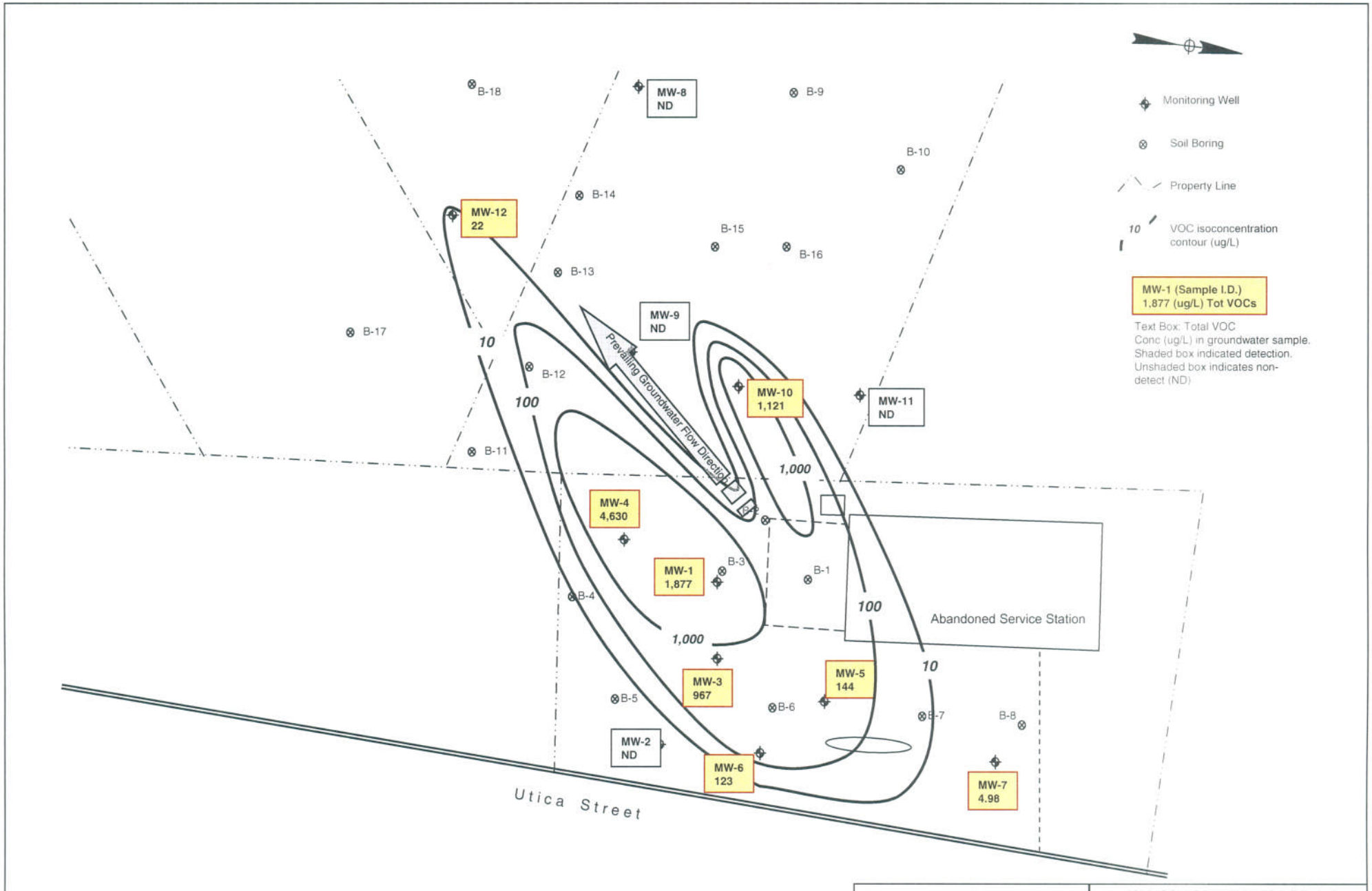


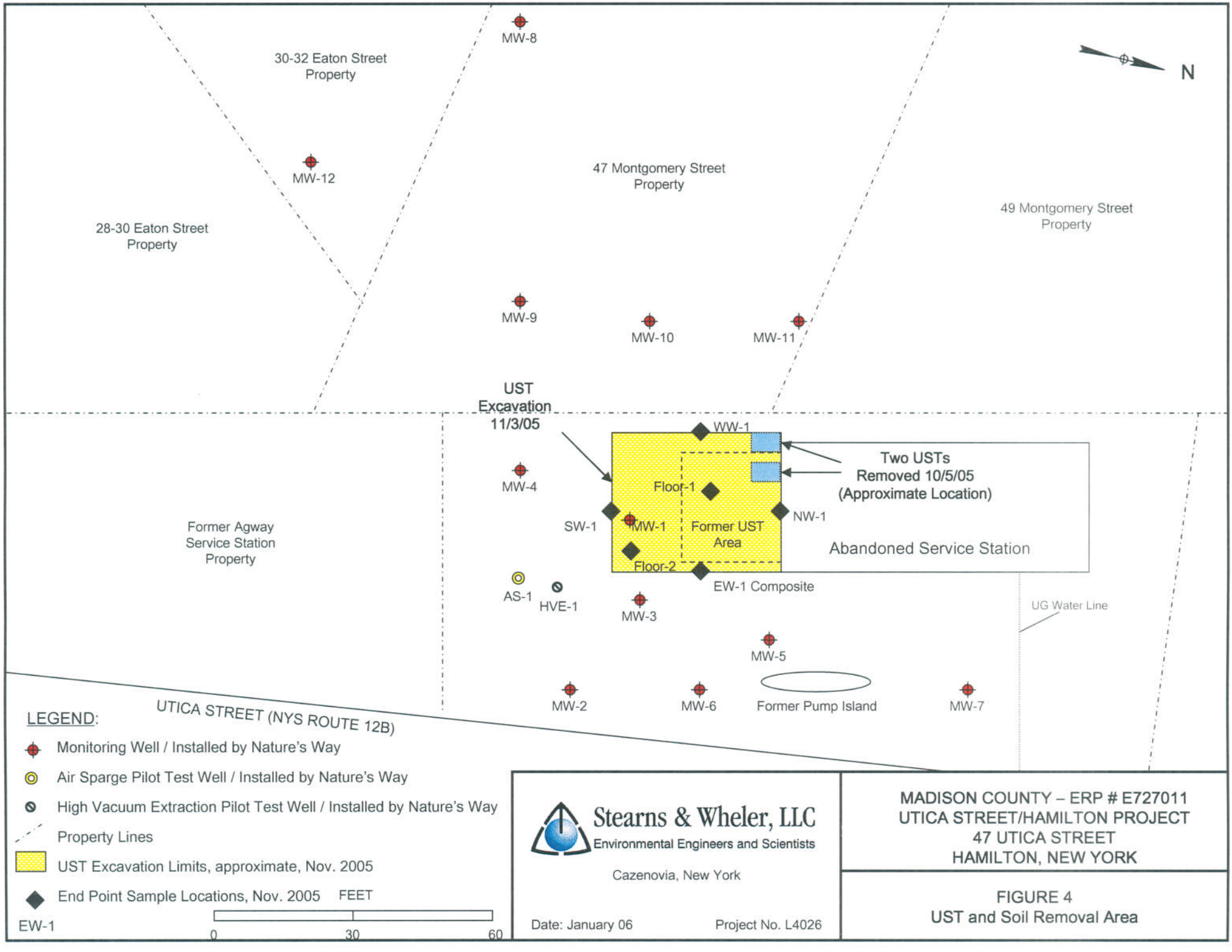
Stearns & Wheler, LLC
Environmental Engineers and Scientists
Cazenovia, New York

Date: August 2005
Project No. L4026

MADISON COUNTY – ERP # E727011
UTICA STREET/HAMILTON PROJECT
47 UTICA STREET
HAMILTON, NEW YORK

FIGURE 2
SITE LAYOUT


Monitoring Well
Soil Boring
Property Line
10
VOC isoconcentration contour (ug/L)
MW-1 (Sample I.D.)
1,877 (ug/L) Tot VOCs
Text Box: Total VOC Conc (ug/L) in groundwater sample. Shaded box indicated detection. Unshaded box indicates non-detect (ND)
B-18
MW-8 ND
B-9
B-10
B-14
MW-12 22
B-15
B-16
B-13
MW-9 ND
B-17
10
B-12
100
MW-10 1,121
MW-11 ND
Prevailing Groundwater Flow Direction
B-11
1,000
MW-4 4,630
MW-1 1,877
B-3
B-1
B-4
100
Abandoned Service Station
1,000
10
MW-3 967
MW-5 144
B-5
B-6
B-7
B-8
MW-2 ND
MW-6 123
MW-7 4.98
Utica Street
Scale
0 10 20 40 feet
Stearns & Wheler Companies
Date: August 2005
Project No. L4026
MADISON COUNTY – ERP # E727011
UTICA STREET/HAMILTON PROJECT
47 UTICA STREET
HAMILTON, NEW YORK
FIGURE 3
VOC CONCENTRATIONS IN GROUNDWATER
(MARCH 2005)



Stearns & Wheler, LLC
Environmental Engineers and Scientists

Cazenovia, New York

Date: January 06

Project No. L4026

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47 UTICA STREET
HAMILTON, NEW YORK

FIGURE 4
UST and Soil Removal Area

Table

Table 1. End Point Soil Sample Laboratory Analytical Data, IRM, 47 Utica Street, Hamilton, Madison County ERP

Analyte (mg/Kg)	RSCO* (mg/Kg)	Sample Location					
		UST Excavation					
		EW-1 East Sidewall	SW-1 South Sidewall	WW-1 West Sidewall	NW-1 North Sidewall	Floor-1 Northern Portion	Floor-2 Southern Portion
SEMIVOLATILES BY EPA 8270							
Naphthalene	13	ND	ND	ND	0.14	ND	5.4
Acenaphthene	50	ND	ND	ND	ND	ND	ND
Fluorene	50	ND	ND	0.08	ND	ND	ND
Phenanthrene	50	ND	ND	1.8	0.5	ND	0.23
Anthracene	50	ND	ND	0.4	0.31	ND	ND
Fluoranthene	50	ND	ND	2.6	1.6	ND	0.25
Pyrene	50	ND	ND	2.7	1.6	ND	0.29
Benz(a)anthracene	0.224	ND	ND	**1.7**	**1.3**	ND	0.14
Chrysene	0.4	ND	ND	**1.8**	**1.2**	ND	0.12
Benzo(b)fluoranthene	0.22	ND	ND	**1.8**	**1.2**	ND	ND
Benzo(k)fluoranthene	0.22	ND	ND	**0.67**	**0.46**	ND	ND
Benzo(a)pyrene	0.061	ND	ND	**1.5**	**1.1**	ND	ND
Indeno(1,2,3-cd)pyrene	3.2	ND	ND	1.3	0.99	ND	ND
Dibenz(a,h)anthracene	0.014	ND	ND	**0.39**	**0.29**	ND	ND
Benzo(g,h,i)perylene	50	ND	ND	1.3	1.2	ND	ND
Total		ND	ND	18.04	11.89	ND	6.43
VOLATILES by EPA 8260							
Methyl tert-butyl ether	0.12	ND	ND	ND	ND	ND	ND
Benzene	0.06	ND	ND	ND	ND	ND	ND
Toluene	1.5	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.5	ND	ND	ND	ND	ND	0.9
m,p-xylene	1.2	ND	ND	ND	ND	ND	**3.4**
o-xylene	1.2	ND	ND	ND	ND	ND	0.043
Isopropylbenzene	2.3	ND	ND	ND	ND	ND	1.3
n-Propylbenzene	3.7	ND	ND	ND	ND	ND	**5**
1,3,5-Trimethylbenzene	3.3	ND	ND	ND	ND	ND	**5.1**
tert-Butylbenzene	10	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10	ND	ND	ND	ND	ND	10
sec-Butylbenzene	10	ND	ND	ND	ND	ND	1.1
p-Isopropyltoluene	10	ND	ND	ND	ND	ND	0.76
n-Butylbenzene	10	ND	ND	ND	ND	ND	1.8
Naphthalene	13	ND	ND	ND	ND	0.00087	0.12
Total		ND	ND	ND	ND	0.0009	29.5230
TOTAL LEAD by ASTM D-2216		8.2	9.6	315	127	5.5	9.9

* RSCO - Recommended Soil Cleanup Objectives taken from New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) 4046 Memorandum (12/20/2002).

Bold Highlighted Cell indicates compund exceeds the RSCO

ND - Not Detected

APPENDICES

Appendix A
Waste Disposal Characterization Laboratory Analytical Report

CES Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

FILE COPY

Rec'd 10-13-05

REPORT OF ANALYSES

Stearns & Wheler/S&W Redevel.
430 East Genesee Street
Syracuse, NY 13202-
Attn: Mr. Dan Ours

PROJECT NAME: L4026-Madison County-Utica St.
DATE: 10/10/2005

SAMPLE NUMBER- 416546 SAMPLE ID- WC-1 SAMPLE MATRIX- SO
DATE SAMPLED- 10/05/05 TIME SAMPLED- 1400
DATE RECEIVED- 10/05/05 SAMPLER- Allison Menges RECEIVED BY- rlp
TIME RECEIVED- 1530 DELIVERED BY- Allison Menges TYPE SAMPLE- Grab

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature				10/05/05		RLP	21.0	Degrees C
Sample Receipt Temperature				10/05/05		RLP	Sample	Rec.On Ice
TCLP Extraction	40CFR 1311			10/05/05		RS	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311			10/05/05		RS	Complete	
CYANIDE REACTIVITY	SW846 9010	10/06/05	JDC	10/06/05	1835	JDC	< 10.	mg/Kg
FLASHPOINT	SW846 1010			10/07/05	0900	RRW	> 176	Degrees F
pH in Water (At 25 Degrees C)	SW846 9045			10/06/05		MM	**8.07	std units
SULFIDE REACTIVITY	SW846 9030			10/06/05	1730	JDC	< 50.	mg/Kg
Percent Solids	EPA 160.3			10/05/05		JDC	85.	%
TCLP Metals	SW846-6010	10/06/05	KB	10/06/05		KB		
Arsenic, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 0.50	mg/L
Barium, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 10.0	mg/L
Cadmium, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 0.10	mg/L
Chromium, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 0.50	mg/L
Lead, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 0.50	mg/L
Selenium, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 0.50	mg/L
Silver, TCLP	SW846-6010	10/06/05	KB	10/06/05		KB	< 0.50	mg/L
MERCURY, TCLP (HG)	EPA 245.1			10/07/05		MM	< 0.02	mg/L
PCB's in Sediment	EPA 8082	10/06/05	LRE	10/10/05		BLD		
Aroclor 1221	EPA 8082	10/06/05	LRE	10/10/05		BLD	< 1.0	mg/Kg
Aroclor 1232	EPA 8082	10/06/05	LRE	10/10/05		BLD	< 1.0	mg/Kg

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

FILE COPY

received 10-13-05

CONTINUATION OF DATA FOR SAMPLE NUMBER 416546

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Aroclor 1242/1016	EPA 8082	10/06/05	LRE	10/10/05		BLD	< 1.0	mg/Kg
Aroclor 1248	EPA 8082	10/06/05	LRE	10/10/05		BLD	< 1.0	mg/Kg
Aroclor 1254	EPA 8082	10/06/05	LRE	10/10/05		BLD	< 1.0	mg/Kg
Aroclor 1260	EPA 8082	10/06/05	LRE	10/10/05		BLD	< 1.0	mg/Kg
TCLP VOLATILES	EPA 8260			10/06/05		LRE		
BENZENE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
CARBON TETRACHLORIDE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
CHLOROBENZENE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
CHLOROFORM, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
1,2-DICHLOROETHANE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
1,1-DICHLOROETHENE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
METHYL ETHYL KETONE, TCLP	EPA 8260			10/06/05		LRE	< 0.20	mg/L
TETRACHLOROETHENE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
TRICHLOROETHENE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
VINYL CHLORIDE, TCLP	EPA 8260			10/06/05		LRE	< 0.20	mg/L
1,4-DICHLOROBENZENE, TCLP	EPA 8260			10/06/05		LRE	< 0.050	mg/L
SEMI-VOLATILES, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC		
NITROBENZENE, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
PYRIDINE, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
CRESOLS(TOTAL), TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
2,4-DINITROTOLUENE, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
HEXACHLOROBENZENE, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
HEXACHLOROBUTADIENE, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
HEXACHLOROETHANE, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
PENTACHLOROPHENOL, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
2,4,5-TRICHLOROPHENOL, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
2,4,6-TRICHLOROPHENOL, TCLP	EPA 8270	10/06/05	LRE	10/07/05		KEC	< 0.10	mg/L
TCLP PESTICIDES	EPA 8081	10/06/05	LRE	10/07/05		BLD		
CHLORDANE, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.02	mg/L
ENDRIN, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.005	mg/L
HEPTACHLOR, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.005	mg/L

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

Received
10-13-05

FILE COPY

CONTINUATION OF DATA FOR SAMPLE NUMBER 416546

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
HEPTACHLOR EPOXIDE, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.005	mg/L
LINDANE, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.005	mg/L
METHOXYCHLOR, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.02	mg/L
TOXAPHENE, TCLP	EPA 8081	10/06/05	LRE	10/07/05		BLD	< 0.02	mg/L
TCLP HERBICIDES	EPA 8151			10/08/05		BLD		
2,4-D, TCLP	EPA 8151			10/08/05		BLD	< 0.01	mg/L
2,4,5-TP (SILVEX), TCLP	EPA 8151			10/08/05		BLD	< 0.01	mg/L

Note: PCB analysis performed and reported on a mg/Kg wet weight basis. **pH analyzed over hold time.

NYSDOH LAB ID NO. 11246 APPROVED BY:

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
Phone: 315-478-2374
Fax: 315-478-2107

BATCH NO: 79287

Turn-Around Time:
- ❐ Standard
- ❐ 1 Week
- ❐ 72 Hours
- ❐ 48 Hours
- ❐ 24 Hours

Page ____ of ____

CLIENT NAME: SWO Redevelopment of NA	PROJECT NUMBER/NAME: 24026 Madison County Utica St
ADDRESS: 4130 E Genesee St	
PHONE: 315-422-4949	
FAX: 315-422-2129	PURCHASE ORDER NO:
CONTACT NAME: Don Ours	

Sampler's Name: Allison Menges Signature: Allison Menges

LAB USE ONLY CES Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS: Full TCLP	Flash, Corrosivity, Reactivity							
416546	10/5/06	2:40pm		x		x		WC-1	4	x	x							

SPECIAL REMARKS:

TOTAL NUMBER OF CONTAINERS: 4

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Allison Menges SIGNATURE: Allison Menges	DATE: 10/5/06 TIME: 3:40pm	NAME: SIGNATURE: Renee Paon	DATE: 10/5/06 TIME: 1530
NAME: SIGNATURE:	DATE: TIME:	NAME: SIGNATURE:	DATE: TIME:

Samples Received in Good Condition:
❐ Yes ❐ No
Temperature 24.0 °C

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

Appendix B
Waste Disposal Bills of Lading

ABSCOPE ENVIRONMENTAL, INC.

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

FILE COPY

DOCUMENT 6882

AEI JOB NO. 25886

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # 3
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	MADISON COUNTY JERRY'S SERVICE CENTER
FACILITY EPA ID # NYR000005298	SHIPPER EPA ID # N/A
ADDRESS 120 DRY ROAD	ADDRESS 47 UTICA STREET
CITY ORISKANY STATE NY ZIP 13424	CITY HAMILTON STATE NY ZIP 13346

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
2	DM		A. USED ENGINE LUBRICATING OIL NON-HAZARDOUS N001		800 POUNDS
			B.		
			C.		
			D.		
			E.		
			F. EMERGENCY NUMBER 1-800-424-9300 CHEMTREC		

SPECIAL HANDLING INSTRUCTIONS

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	Russell Lura Madison Co.	Russell Lura	10/5/05
TRANSPORTER 1	Erick Trease	Erick Trease	10/5/05
TRANSPORTER 2			
RECEIVED BY	Brandon Wentz	Brandon Wentz	10-5-05

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

ABSCOPE
ENVIRONMENTAL, INC.

P.O. Box 487
1 Commercial Drive
Canastota, New York 13032
Phone: 315.697.8437
Fax: 315.697.9391

FILE COPY

Fax

To:	Maureen Whalen	**From:**	Rob Drabot
Phone:		**Pages:**	7
Fax:	422-2124	**Date:**	11/21/05
Re:		**CC:**	

☐ **Urgent** x **For Review** **Please Comment** **Please Reply** ☐ **Please Recycle**

Maureen

Attached are the Bill of Ladings for Jerry's Service

There is still one outstanding from Eggan Excavating for the vac truck during excavation

Thanks

Rob Drabot

ABSCOPE ENVIRONMENTAL, INC.

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

FILE COPY

DOCUMENT 7074

AEI JOB NO. 25866

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # 36222 AF
EPA ID # NY0000097444 TRANS. 1 PHONE 3157697-8437

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

DESIGNATED FACILITY	SHIPPER
MADISON COUNTY LANDFILL	JERRY'S SERVICE CENTER
FACILITY EPA ID #	SHIPPER EPA ID #
N/A	N/A
ADDRESS	ADDRESS
6663 BUYEA ROAD	47 UTICA STREET
CITY STATE ZIP	CITY STATE ZIP
CANASTOTA NY 13032	HAMILTON NY 13346

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SOILS OR SAND NON-HAZARDOUS N815	22	TONS
			B.		
			C. #1		
			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	Madison Co.	Maureen S. Wheeler for Madison Co.	11/3/05
TRANSPORTER 1	L.C. MILES		11/3/05
TRANSPORTER 2			
RECEIVED BY	B Carner	B Carner	11/3/05

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

ABSCOPE ENVIRONMENTAL, INC.

FILE COPY

DOCUMENT 7073

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

AEI JOB NO. 25886

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # 3422AF
EPA ID # NY0000097444 TRANS. 1 PHONE 315/697-8437

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

DESIGNATED FACILITY	SHIPPER
MADISON COUNTY LANDFILL	MADISON COUNTY JERRY'S SERVICE CENTER
FACILITY EPA ID #	SHIPPER EPA ID #
N/A	N/A
ADDRESS	ADDRESS
6663 BUYEA ROAD	47 UTICA STREET
CITY STATE ZIP	CITY STATE ZIP
CANASTOTA NY 13032	HAMILTON NY 13346

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. CONTAMINATED DIRT, SOILS OR SAND 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	Madison Co	Maryann S. Lewis for Madison Co.	11/3/05
TRANSPORTER 1	L.C. Miller	L.C. Miller	11/3/05
TRANSPORTER 2			
RECEIVED BY	B Garner	Barbara Garvin	11/3/05

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

FILE COPY

DOCUMENT 6896

AEI JOB NO. 25888

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 7A-369

TRANSPORTER 1 ABSCOPE ENVIRONMENTAL, INC. VEHICLE ID # 3
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	MADISON COUNTY JERRY'S SERVICE CENTER
FACILITY EPA ID # NYR000005298	SHIPPER EPA ID # N/A
ADDRESS 120 DRY ROAD	ADDRESS 47 UTICA STREET
CITY ORISKANY STATE NY ZIP 13424	CITY HAMILTON STATE NY ZIP 13346

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
2	DM		A. WATER CONTAMINATED WITH GASOLINE NON-HAZARDOUS N018		840 POUNDS
			B.		
			C.		
			D.		
			E.		
			F. EMERGENCY NUMBER 1-800-424-9300 CHEMTREC		

SPECIAL HANDLING INSTRUCTIONS

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	Russell Lura Madison County	Russell Lura	10/05/05
TRANSPORTER 1	Eric Trease	Eric Trease	10/05/05
TRANSPORTER 2			
RECEIVED BY	Brandon Weiss	Brandon Weiss	10-5-05

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

FILE COPY

Madison County Dept. of Solid Waste
and Sanitation
P.O. Box 27
Wampsville,NY 13163

Ticket/Invoice No : 48794
Date : 11/2/2005

Customer: 2
ABSCOPE ENVIRONMENTAL INC
PO BOX 487
1 COMMERCIAL DRIVE
CANASTOTA,NY 13032

Order No :

Permit: 0002 ABSCOPE ENVIRONMENTA Gross : 73620 Scale 1 In 11:06:57AM
Material:57 ACM (contaminated so Tare : 25900 Scale 1 Out11:17:33AM
Location: HAM Hamilton
Price/tn $ 20.0000 Net : 47720 lb
23.860 tn

Weigh Master: BARB Barbara Carrier#250037

Driver:

Remarks: Former Jerry's Service Center

Material $
Delivry $
Misc $
Tax $
Total $

Terms: Net 30 days from Invoice Statement.
Late penalty will be applied to all past due accounts on the 1st of the month.

FILE COPY

Madison County Dept. of Solid Waste
and Sanitation
P.O. Box 67
Wampsville, NY 13163

Ticket/Invoice No : 48818
Date : 11/3/2005

Customer :
ABSCOPE ENVIRONMENTAL INC
PO BOX 70
2 COMMERCIAL DRIVE
CANASTOTA NY 13032

Order No :

Permit: 0002 ABSCOPE ENVIRONMENTA Gross : 67940 Scale 1 In 11:17:14AM
Material: ACM (contaminated so Tare : 25920 Scale 1 Out 1:27:49PM
Location: HAM Hamilton
Price/Ton $ 20.0000 Net : 42020 lb
21.010 tn

Weigh Master: BOBB Barbara Carrier #250037

Driver:

Remarks: Former Janny's Service Center

Material $
Delivery $
Misc $
Tax $
Total $

Terms: Net 30 days from invoice statement.
Late penalty will be applied to all past due accounts on the 1st of the month.

ABSCOPE
ENVIRONMENTAL, INC.

P.O. Box 487
1 Commercial Drive
Canastota, New York 13032
Phone: 315.697.8437
Fax: 315.697.9391

FILE COPY

Fax

To: Maureen Whalen **From:** Rob Drabot

Phone: **Pages:** 2

Fax: 422-2124 **Date:** 12/22/05

Re: **CC:**

☐ **Urgent** x **For Review** **Please Comment** **Please Reply** ☐ **Please Recycle**

Maureen

Attached is a Bill of Lading for Jerry's

Thanks

Rob Drabot

12/22/2005 09:51 3153393455 EGGAN EXCAVATING PAGE 02

FILE COPY

[T]HIS MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 11356

(Carrier) Eggan Excavating SCAC. ______ Carrier's No. COA-120

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations:

at Industrial Oil, date 11-1-05 from Jerry's Service Center

(Mail or street address of consignee for purposes of notification only.)

TO:	FROM:
Consignee: Industrial Oil	Shipper: Jerry's Service Center
Street: 130 Dry Rd	Street: 47 Utica St.
Destination: Oriskany, NY Zip -	Origin: Hamilton, NY Zip

Route:

Delivering Carrier Eggan Excavating

Trailer/Vehicle Number 23 3714

U.S. DOT Hazmat Reg. Number

No. of units	HM	Description of articles, special marks and exceptions	Hazard Class	ID Number	Packing Group	Weight (subject to correction)	Class or rate	Labels required	Check column
1 TT		WASTE NON RCRA LIQUID N.O.S (contaminated water)				495 gal			
		Rec'd 11/03/05 [signature] DTSC							

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

PLACARDS REQUIRED None

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE [signature]

SHIPPER: Jerry's Service Center
PER: [signature] DATE 11-1-05

CARRIER: Eggan Excavating
PER: Jayn Scaggan DATE 11-1-05

EMERGENCY RESPONSE TELEPHONE NUMBER: (315) 339-1547

Permanent post office address of shipper

9-BLS-A3 431 (Rev. 11/04)

Appendix C
Site Photographs

Top: Uncovering first UST
Bottom: Removing waste oil from first UST

Top: Removing first UST from ground
Bottom: Uncovering second UST

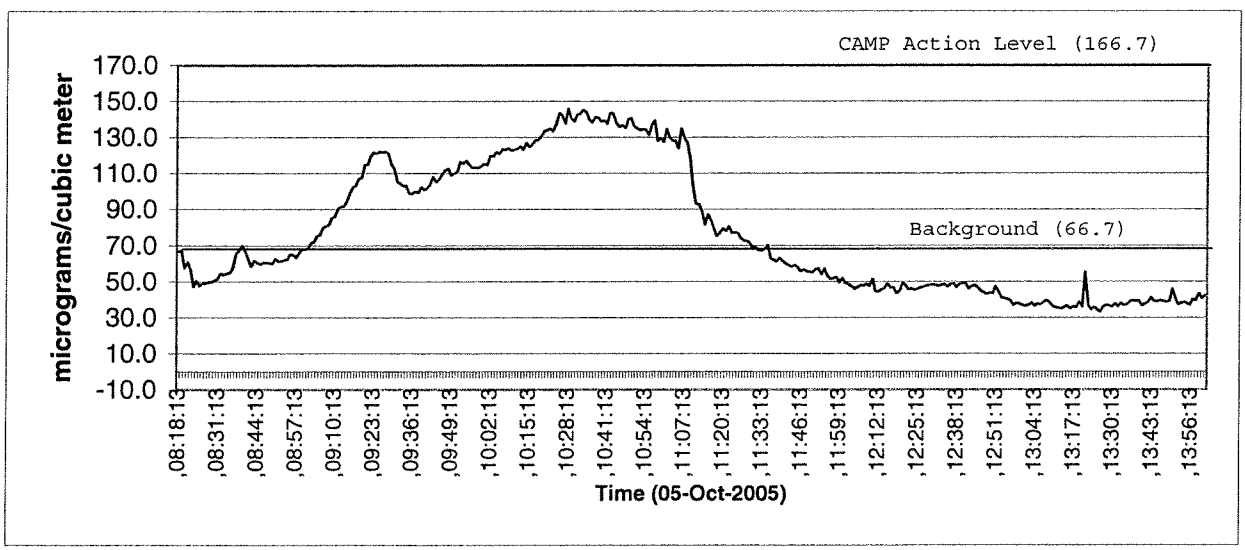
Top: Uncovering top of second UST
Bottom: Removing second UST from ground

Top: View looking west at the beginning of November 3, 2005 Soil Removal
Bottom: Removal of backfill placed October 5, 2005

Top: Removal of groundwater from soils excavation
Bottom: View looking southwest of backfilled soils excavation

Appendix D
Community Air Monitoring Data

```
 "Model Number", "DataRAM 4 ", 104
"Serial no.  ", "D046      "
 "Device no.  ", 2
 "Tag Number  ", 14
 "Start Time  ", 08:17:13
 "Start Date  ", 05-Oct-2005
 "Log Period  ", 00:01:00
 "Number      ", 344
 "CalFactor   ", 1.000000
 "Unit        ", 0
 "Unit Name   ", "(MASS )ug/m3"
 "SIZE_CORRECT", "DISABLED"
 "Max MASS    ", 145.681100
 "Max MASS  @ ", 131  ,10:28:13  ,05-Oct-2005
 "Avg MASS    ", 76.832640
 "Max Diam    ", 0.627830
 "Max Diam @  ", 167  ,11:04:13  ,05-Oct-2005
 "Avg Diam    ", 0.404698
 "ALARM       ", "DISABLED"
 "ALARM_LEVEL ", 0.0
 "AUTO_ZERO   ", "DISABLED"
 "AZ INTERVAL ", 24
 "Errors      ", 0000
```



Record	Time	Date	Mass (µg/m^3)	RelHumdty	Diameter	
1,	,08:18:13	,05-Oct-2005	66.7	51,	0.4186	(background)
2,	,08:19:13	,05-Oct-2005	67.2	52,	0.4134	
3,	,08:20:13	,05-Oct-2005	57.6	53,	0.3256	
4,	,08:21:13	,05-Oct-2005	60.8	54,	0.3652	
5,	,08:22:13	,05-Oct-2005	56.6	55,	0.31	
6,	,08:23:13	,05-Oct-2005	47.3	56,	0.2707	
7,	,08:24:13	,05-Oct-2005	50.5	56,	0.2749	
8,	,08:25:13	,05-Oct-2005	47.7	57,	0.2555	
9,	,08:26:13	,05-Oct-2005	49.1	58,	0.2589	

Stearns & Wheler Companies

10,	,08:27:13	,05-Oct-2005	48.8	58,	0.2558
11,	,08:28:13	,05-Oct-2005	49.7	59,	0.2562
12,	,08:29:13	,05-Oct-2005	49.7	59,	0.2489
13,	,08:30:13	,05-Oct-2005	50.4	59,	0.2513
14,	,08:31:13	,05-Oct-2005	51.8	60,	0.2466
15,	,08:32:13	,05-Oct-2005	54.6	60,	0.2671
16,	,08:33:13	,05-Oct-2005	53.7	61,	0.265
17,	,08:34:13	,05-Oct-2005	54.5	61,	0.266
18,	,08:35:13	,05-Oct-2005	55.0	61,	0.2683
19,	,08:36:13	,05-Oct-2005	57.8	62,	0.2772
20,	,08:37:13	,05-Oct-2005	65.3	62,	0.3048
21,	,08:38:13	,05-Oct-2005	67.5	62,	0.3335
22,	,08:39:13	,05-Oct-2005	69.9	63,	0.3457
23,	,08:40:13	,05-Oct-2005	67.2	63,	0.3172
24,	,08:41:13	,05-Oct-2005	62.4	64,	0.2709
25,	,08:42:13	,05-Oct-2005	58.5	64,	0.267
26,	,08:43:13	,05-Oct-2005	61.5	64,	0.2769
27,	,08:44:13	,05-Oct-2005	60.4	65,	0.2751
28,	,08:45:13	,05-Oct-2005	59.6	65,	0.265
29,	,08:46:13	,05-Oct-2005	60.6	65,	0.2653
30,	,08:47:13	,05-Oct-2005	60.2	65,	0.2681
31,	,08:48:13	,05-Oct-2005	60.2	66,	0.2629
32,	,08:49:13	,05-Oct-2005	59.9	66,	0.2673
33,	,08:50:13	,05-Oct-2005	62.6	66,	0.2803
34,	,08:51:13	,05-Oct-2005	61.2	67,	0.2709
35,	,08:52:13	,05-Oct-2005	61.3	67,	0.263
36,	,08:53:13	,05-Oct-2005	61.9	67,	0.2656
37,	,08:54:13	,05-Oct-2005	62.3	67,	0.2721
38,	,08:55:13	,05-Oct-2005	65.1	68,	0.2827
39,	,08:56:13	,05-Oct-2005	64.7	68,	0.2768
40,	,08:57:13	,05-Oct-2005	63.4	68,	0.2734
41,	,08:58:13	,05-Oct-2005	65.8	68,	0.2619
42,	,08:59:13	,05-Oct-2005	68.2	69,	0.2926
43,	,09:00:13	,05-Oct-2005	67.8	69,	0.2796
44,	,09:01:13	,05-Oct-2005	68.3	69,	0.2822
45,	,09:02:13	,05-Oct-2005	71.1	69,	0.2833
46,	,09:03:13	,05-Oct-2005	71.8	69,	0.2917
47,	,09:04:13	,05-Oct-2005	75.2	69,	0.3097
48,	,09:05:13	,05-Oct-2005	75.9	70,	0.2992
49,	,09:06:13	,05-Oct-2005	79.9	70,	0.315
50,	,09:07:13	,05-Oct-2005	80.8	70,	0.3311
51,	,09:08:13	,05-Oct-2005	81.5	70,	0.3171
52,	,09:09:13	,05-Oct-2005	85.4	71,	0.3242
53,	,09:10:13	,05-Oct-2005	86.1	71,	0.3264
54,	,09:11:13	,05-Oct-2005	90.6	71,	0.3399
55,	,09:12:13	,05-Oct-2005	91.5	71,	0.344
56,	,09:13:13	,05-Oct-2005	91.6	72,	0.3526
57,	,09:14:13	,05-Oct-2005	94.7	72,	0.3449
58,	,09:15:13	,05-Oct-2005	99.4	72,	0.3532

59,	,09:16:13	,05-Oct-2005	102.3	72,	0.361
60,	,09:17:13	,05-Oct-2005	103.3	73,	0.3585
61,	,09:18:13	,05-Oct-2005	106.8	73,	0.3724
62,	,09:19:13	,05-Oct-2005	107.8	73,	0.3829
63,	,09:20:13	,05-Oct-2005	114.9	73,	0.4006
64,	,09:21:13	,05-Oct-2005	114.8	74,	0.394
65,	,09:22:13	,05-Oct-2005	119.5	74,	0.4053
66,	,09:23:13	,05-Oct-2005	121.6	74,	0.4176
67,	,09:24:13	,05-Oct-2005	121.2	74,	0.4115
68,	,09:25:13	,05-Oct-2005	122.1	74,	0.4269
69,	,09:26:13	,05-Oct-2005	121.6	75,	0.4133
70,	,09:27:13	,05-Oct-2005	122.1	75,	0.4036
71,	,09:28:13	,05-Oct-2005	120.9	75,	0.4107
72,	,09:29:13	,05-Oct-2005	114.9	75,	0.4063
73,	,09:30:13	,05-Oct-2005	112.7	76,	0.3949
74,	,09:31:13	,05-Oct-2005	105.3	75,	0.364
75,	,09:32:13	,05-Oct-2005	104.3	76,	0.3759
76,	,09:33:13	,05-Oct-2005	102.9	76,	0.3606
77,	,09:34:13	,05-Oct-2005	103.3	76,	0.3643
78,	,09:35:13	,05-Oct-2005	98.9	76,	0.3502
79,	,09:36:13	,05-Oct-2005	98.9	76,	0.3421
80,	,09:37:13	,05-Oct-2005	100.0	76,	0.346
81,	,09:38:13	,05-Oct-2005	99.2	76,	0.3459
82,	,09:39:13	,05-Oct-2005	102.4	76,	0.3549
83,	,09:40:13	,05-Oct-2005	100.7	76,	0.3597
84,	,09:41:13	,05-Oct-2005	102.0	76,	0.3522
85,	,09:42:13	,05-Oct-2005	103.9	76,	0.3539
86,	,09:43:13	,05-Oct-2005	108.1	76,	0.3715
87,	,09:44:13	,05-Oct-2005	105.3	77,	0.3558
88,	,09:45:13	,05-Oct-2005	106.8	77,	0.3642
89,	,09:46:13	,05-Oct-2005	109.3	77,	0.3765
90,	,09:47:13	,05-Oct-2005	111.9	77,	0.3835
91,	,09:48:13	,05-Oct-2005	112.5	77,	0.3762
92,	,09:49:13	,05-Oct-2005	108.9	77,	0.377
93,	,09:50:13	,05-Oct-2005	110.0	78,	0.3833
94,	,09:51:13	,05-Oct-2005	110.8	78,	0.3816
95,	,09:52:13	,05-Oct-2005	116.3	78,	0.3974
96,	,09:53:13	,05-Oct-2005	115.5	78,	0.4064
97,	,09:54:13	,05-Oct-2005	117.0	78,	0.4053
98,	,09:55:13	,05-Oct-2005	114.8	78,	0.4013
99,	,09:56:13	,05-Oct-2005	113.3	78,	0.3859
100,	,09:57:13	,05-Oct-2005	113.1	78,	0.3953
101,	,09:58:13	,05-Oct-2005	113.1	78,	0.3833
102,	,09:59:13	,05-Oct-2005	114.0	78,	0.3888
103,	,10:00:13	,05-Oct-2005	115.2	79,	0.3889
104,	,10:01:13	,05-Oct-2005	114.7	79,	0.401
105,	,10:02:13	,05-Oct-2005	119.7	79,	0.4104
106,	,10:03:13	,05-Oct-2005	119.6	79,	0.3999
107,	,10:04:13	,05-Oct-2005	121.8	79,	0.4098

108,	,10:05:13	,05-Oct-2005	120.7	79,	0.4067
109,	,10:06:13	,05-Oct-2005	123.3	79,	0.4178
110,	,10:07:13	,05-Oct-2005	123.1	79,	0.4146
111,	,10:08:13	,05-Oct-2005	123.9	79,	0.426
112,	,10:09:13	,05-Oct-2005	122.7	80,	0.4258
113,	,10:10:13	,05-Oct-2005	123.0	79,	0.4252
114,	,10:11:13	,05-Oct-2005	123.7	80,	0.4289
115,	,10:12:13	,05-Oct-2005	125.0	80,	0.4281
116,	,10:13:13	,05-Oct-2005	123.1	80,	0.4237
117,	,10:14:13	,05-Oct-2005	126.9	80,	0.4297
118,	,10:15:13	,05-Oct-2005	124.7	80,	0.4351
119,	,10:16:13	,05-Oct-2005	126.0	80,	0.4393
120,	,10:17:13	,05-Oct-2005	128.2	80,	0.4627
121,	,10:18:13	,05-Oct-2005	128.6	80,	0.4626
122,	,10:19:13	,05-Oct-2005	130.4	80,	0.4536
123,	,10:20:13	,05-Oct-2005	133.5	80,	0.463
124,	,10:21:13	,05-Oct-2005	133.9	80,	0.4642
125,	,10:22:13	,05-Oct-2005	134.6	81,	0.4666
126,	,10:23:13	,05-Oct-2005	133.4	81,	0.4634
127,	,10:24:13	,05-Oct-2005	137.3	81,	0.4668
128,	,10:25:13	,05-Oct-2005	143.4	81,	0.5018
129,	,10:26:13	,05-Oct-2005	142.0	81,	0.4897
130,	,10:27:13	,05-Oct-2005	137.7	81,	0.4813
131,	,10:28:13	,05-Oct-2005	145.7	81,	0.4914
132,	,10:29:13	,05-Oct-2005	140.5	81,	0.4971
133,	,10:30:13	,05-Oct-2005	138.8	81,	0.4771
134,	,10:31:13	,05-Oct-2005	142.6	81,	0.4968
135,	,10:32:13	,05-Oct-2005	143.2	82,	0.5122
136,	,10:33:13	,05-Oct-2005	145.2	82,	0.5225
137,	,10:34:13	,05-Oct-2005	143.7	82,	0.5329
138,	,10:35:13	,05-Oct-2005	139.7	82,	0.5246
139,	,10:36:13	,05-Oct-2005	138.3	82,	0.531
140,	,10:37:13	,05-Oct-2005	141.1	82,	0.546
141,	,10:38:13	,05-Oct-2005	141.0	82,	0.5183
142,	,10:39:13	,05-Oct-2005	138.7	82,	0.525
143,	,10:40:13	,05-Oct-2005	139.1	82,	0.5149
144,	,10:41:13	,05-Oct-2005	137.6	82,	0.537
145,	,10:42:13	,05-Oct-2005	143.5	82,	0.5541
146,	,10:43:13	,05-Oct-2005	143.2	82,	0.5606
147,	,10:44:13	,05-Oct-2005	137.8	82,	0.5605
148,	,10:45:13	,05-Oct-2005	135.7	82,	0.5616
149,	,10:46:13	,05-Oct-2005	136.9	82,	0.5547
150,	,10:47:13	,05-Oct-2005	135.2	82,	0.539
151,	,10:48:13	,05-Oct-2005	140.1	82,	0.5759
152,	,10:49:13	,05-Oct-2005	140.5	82,	0.5848
153,	,10:50:13	,05-Oct-2005	136.1	82,	0.5812
154,	,10:51:13	,05-Oct-2005	135.1	82,	0.5878
155,	,10:52:13	,05-Oct-2005	134.0	82,	0.5822
156,	,10:53:13	,05-Oct-2005	134.6	82,	0.5753

157,	,10:54:13	,05-Oct-2005	134.0	82,	0.5987
158,	,10:55:13	,05-Oct-2005	131.2	82,	0.5724
159,	,10:56:13	,05-Oct-2005	137.0	82,	0.5714
160,	,10:57:13	,05-Oct-2005	139.4	82,	0.5878
161,	,10:58:13	,05-Oct-2005	128.0	82,	0.5683
162,	,10:59:13	,05-Oct-2005	129.5	82,	0.5704
163,	,11:00:13	,05-Oct-2005	127.3	82,	0.5726
164,	,11:01:13	,05-Oct-2005	134.7	82,	0.6044
165,	,11:02:13	,05-Oct-2005	130.3	82,	0.5984
166,	,11:03:13	,05-Oct-2005	128.0	82,	0.6148
167,	,11:04:13	,05-Oct-2005	128.1	82,	0.6278
168,	,11:05:13	,05-Oct-2005	124.0	82,	0.6094
169,	,11:06:13	,05-Oct-2005	134.9	82,	0.599
170,	,11:07:13	,05-Oct-2005	129.5	82,	0.5967
171,	,11:08:13	,05-Oct-2005	127.0	82,	0.613
172,	,11:09:13	,05-Oct-2005	119.0	82,	0.6139
173,	,11:10:13	,05-Oct-2005	102.4	82,	0.6105
174,	,11:11:13	,05-Oct-2005	93.2	82,	0.5964
175,	,11:12:13	,05-Oct-2005	93.0	82,	0.5999
176,	,11:13:13	,05-Oct-2005	88.9	82,	0.5936
177,	,11:14:13	,05-Oct-2005	81.6	82,	0.5842
178,	,11:15:13	,05-Oct-2005	87.3	82,	0.6044
179,	,11:16:13	,05-Oct-2005	84.0	82,	0.6027
180,	,11:17:13	,05-Oct-2005	79.0	82,	0.5668
181,	,11:18:13	,05-Oct-2005	75.3	81,	0.5636
182,	,11:19:13	,05-Oct-2005	76.8	81,	0.5305
183,	,11:20:13	,05-Oct-2005	79.3	81,	0.5399
184,	,11:21:13	,05-Oct-2005	77.9	81,	0.5581
185,	,11:22:13	,05-Oct-2005	80.5	80,	0.5698
186,	,11:23:13	,05-Oct-2005	76.9	80,	0.5507
187,	,11:24:13	,05-Oct-2005	77.2	80,	0.5661
188,	,11:25:13	,05-Oct-2005	76.9	80,	0.5363
189,	,11:26:13	,05-Oct-2005	74.2	80,	0.5547
190,	,11:27:13	,05-Oct-2005	72.6	80,	0.517
191,	,11:28:13	,05-Oct-2005	72.4	79,	0.515
192,	,11:29:13	,05-Oct-2005	71.5	79,	0.5313
193,	,11:30:13	,05-Oct-2005	68.3	79,	0.484
194,	,11:31:13	,05-Oct-2005	69.2	79,	0.511
195,	,11:32:13	,05-Oct-2005	67.2	78,	0.4991
196,	,11:33:13	,05-Oct-2005	67.3	78,	0.5071
197,	,11:34:13	,05-Oct-2005	68.3	78,	0.5117
198,	,11:35:13	,05-Oct-2005	70.1	77,	0.4892
199,	,11:36:13	,05-Oct-2005	62.7	77,	0.4586
200,	,11:37:13	,05-Oct-2005	61.9	77,	0.4916
201,	,11:38:13	,05-Oct-2005	61.1	76,	0.4727
202,	,11:39:13	,05-Oct-2005	63.1	76,	0.4932
203,	,11:40:13	,05-Oct-2005	61.1	76,	0.4795
204,	,11:41:13	,05-Oct-2005	60.0	75,	0.471
205,	,11:42:13	,05-Oct-2005	59.0	75,	0.4668

206,	,11:43:13	,05-Oct-2005	58.2	74,	0.4568
207,	,11:44:13	,05-Oct-2005	59.0	74,	0.461
208,	,11:45:13	,05-Oct-2005	58.0	73,	0.4588
209,	,11:46:13	,05-Oct-2005	55.6	73,	0.461
210,	,11:47:13	,05-Oct-2005	56.8	72,	0.4553
211,	,11:48:13	,05-Oct-2005	55.6	72,	0.4558
212,	,11:49:13	,05-Oct-2005	55.5	71,	0.4619
213,	,11:50:13	,05-Oct-2005	55.2	71,	0.464
214,	,11:51:13	,05-Oct-2005	56.8	70,	0.4696
215,	,11:52:13	,05-Oct-2005	57.3	70,	0.4852
216,	,11:53:13	,05-Oct-2005	54.1	70,	0.4509
217,	,11:54:13	,05-Oct-2005	57.0	69,	0.4749
218,	,11:55:13	,05-Oct-2005	53.1	69,	0.4324
219,	,11:56:13	,05-Oct-2005	51.4	69,	0.4252
220,	,11:57:13	,05-Oct-2005	51.8	68,	0.4462
221,	,11:58:13	,05-Oct-2005	52.5	68,	0.4453
222,	,11:59:13	,05-Oct-2005	49.6	67,	0.4282
223,	,12:00:13	,05-Oct-2005	51.9	67,	0.4245
224,	,12:01:13	,05-Oct-2005	49.2	66,	0.4367
225,	,12:02:13	,05-Oct-2005	48.7	66,	0.4081
226,	,12:03:13	,05-Oct-2005	47.2	66,	0.4129
227,	,12:04:13	,05-Oct-2005	46.1	65,	0.411
228,	,12:05:13	,05-Oct-2005	46.7	65,	0.4047
229,	,12:06:13	,05-Oct-2005	47.9	65,	0.4118
230,	,12:07:13	,05-Oct-2005	47.7	64,	0.4115
231,	,12:08:13	,05-Oct-2005	48.7	64,	0.4102
232,	,12:09:13	,05-Oct-2005	47.4	64,	0.418
233,	,12:10:13	,05-Oct-2005	51.2	64,	0.458
234,	,12:11:13	,05-Oct-2005	44.5	63,	0.4074
235,	,12:12:13	,05-Oct-2005	44.4	63,	0.3955
236,	,12:13:13	,05-Oct-2005	45.6	63,	0.4065
237,	,12:14:13	,05-Oct-2005	46.2	63,	0.3992
238,	,12:15:13	,05-Oct-2005	48.8	63,	0.4178
239,	,12:16:13	,05-Oct-2005	46.6	62,	0.4153
240,	,12:17:13	,05-Oct-2005	46.7	62,	0.4157
241,	,12:18:13	,05-Oct-2005	43.6	62,	0.3871
242,	,12:19:13	,05-Oct-2005	45.0	62,	0.3954
243,	,12:20:13	,05-Oct-2005	49.2	61,	0.4174
244,	,12:21:13	,05-Oct-2005	47.9	62,	0.4153
245,	,12:22:13	,05-Oct-2005	45.7	61,	0.3876
246,	,12:23:13	,05-Oct-2005	46.0	61,	0.3838
247,	,12:24:13	,05-Oct-2005	45.5	61,	0.3995
248,	,12:25:13	,05-Oct-2005	45.8	60,	0.3825
249,	,12:26:13	,05-Oct-2005	46.5	60,	0.3995
250,	,12:27:13	,05-Oct-2005	47.1	60,	0.4006
251,	,12:28:13	,05-Oct-2005	47.7	60,	0.3987
252,	,12:29:13	,05-Oct-2005	47.9	60,	0.4005
253,	,12:30:13	,05-Oct-2005	48.3	59,	0.4096
254,	,12:31:13	,05-Oct-2005	47.9	59,	0.4037

255,	,12:32:13	,05-Oct-2005	47.6	59,	0.395
256,	,12:33:13	,05-Oct-2005	48.1	59,	0.4069
257,	,12:34:13	,05-Oct-2005	48.6	59,	0.4002
258,	,12:35:13	,05-Oct-2005	47.1	59,	0.3916
259,	,12:36:13	,05-Oct-2005	48.5	59,	0.3891
260,	,12:37:13	,05-Oct-2005	48.9	59,	0.3928
261,	,12:38:13	,05-Oct-2005	46.7	58,	0.3972
262,	,12:39:13	,05-Oct-2005	48.7	59,	0.3747
263,	,12:40:13	,05-Oct-2005	49.0	59,	0.3894
264,	,12:41:13	,05-Oct-2005	49.2	59,	0.3952
265,	,12:42:13	,05-Oct-2005	46.1	59,	0.3655
266,	,12:43:13	,05-Oct-2005	47.3	59,	0.392
267,	,12:44:13	,05-Oct-2005	47.9	59,	0.3851
268,	,12:45:13	,05-Oct-2005	46.9	59,	0.4003
269,	,12:46:13	,05-Oct-2005	44.8	58,	0.3695
270,	,12:47:13	,05-Oct-2005	44.0	58,	0.3753
271,	,12:48:13	,05-Oct-2005	42.9	58,	0.3525
272,	,12:49:13	,05-Oct-2005	43.9	57,	0.3682
273,	,12:50:13	,05-Oct-2005	43.4	57,	0.352
274,	,12:51:13	,05-Oct-2005	47.3	57,	0.3708
275,	,12:52:13	,05-Oct-2005	44.5	56,	0.3963
276,	,12:53:13	,05-Oct-2005	40.8	56,	0.3716
277,	,12:54:13	,05-Oct-2005	40.9	55,	0.3477
278,	,12:55:13	,05-Oct-2005	40.1	55,	0.3307
279,	,12:56:13	,05-Oct-2005	39.4	55,	0.3484
280,	,12:57:13	,05-Oct-2005	36.9	54,	0.322
281,	,12:58:13	,05-Oct-2005	38.2	53,	0.3093
282,	,12:59:13	,05-Oct-2005	37.5	53,	0.3217
283,	,13:00:13	,05-Oct-2005	36.8	52,	0.3196
284,	,13:01:13	,05-Oct-2005	36.6	52,	0.3316
285,	,13:02:13	,05-Oct-2005	37.0	52,	0.3413
286,	,13:03:13	,05-Oct-2005	38.2	51,	0.3349
287,	,13:04:13	,05-Oct-2005	36.4	51,	0.3294
288,	,13:05:13	,05-Oct-2005	37.6	50,	0.3513
289,	,13:06:13	,05-Oct-2005	37.2	50,	0.3418
290,	,13:07:13	,05-Oct-2005	38.3	50,	0.3387
291,	,13:08:13	,05-Oct-2005	39.6	49,	0.3553
292,	,13:09:13	,05-Oct-2005	38.4	50,	0.3487
293,	,13:10:13	,05-Oct-2005	36.4	49,	0.3272
294,	,13:11:13	,05-Oct-2005	35.6	49,	0.3306
295,	,13:12:13	,05-Oct-2005	35.3	49,	0.3239
296,	,13:13:13	,05-Oct-2005	35.0	49,	0.3495
297,	,13:14:13	,05-Oct-2005	35.6	48,	0.3204
298,	,13:15:13	,05-Oct-2005	36.4	48,	0.3424
299,	,13:16:13	,05-Oct-2005	34.9	48,	0.3059
300,	,13:17:13	,05-Oct-2005	36.1	48,	0.3301
301,	,13:18:13	,05-Oct-2005	35.7	48,	0.3128
302,	,13:19:13	,05-Oct-2005	38.6	48,	0.3148
303,	,13:20:13	,05-Oct-2005	36.0	48,	0.327

304,	,13:21:13	,05-Oct-2005	55.2	48,	0.5116
305,	,13:22:13	,05-Oct-2005	36.8	48,	0.3767
306,	,13:23:13	,05-Oct-2005	34.4	48,	0.3175
307,	,13:24:13	,05-Oct-2005	35.8	48,	0.3227
308,	,13:25:13	,05-Oct-2005	34.4	48,	0.317
309,	,13:26:13	,05-Oct-2005	33.2	48,	0.2996
310,	,13:27:13	,05-Oct-2005	35.9	48,	0.3259
311,	,13:28:13	,05-Oct-2005	36.9	48,	0.3252
312,	,13:29:13	,05-Oct-2005	36.5	48,	0.3211
313,	,13:30:13	,05-Oct-2005	36.0	48,	0.3387
314,	,13:31:13	,05-Oct-2005	37.7	48,	0.3456
315,	,13:32:13	,05-Oct-2005	36.2	48,	0.3351
316,	,13:33:13	,05-Oct-2005	38.0	48,	0.355
317,	,13:34:13	,05-Oct-2005	36.8	48,	0.3303
318,	,13:35:13	,05-Oct-2005	37.3	48,	0.3511
319,	,13:36:13	,05-Oct-2005	39.0	48,	0.3271
320,	,13:37:13	,05-Oct-2005	39.5	48,	0.3278
321,	,13:38:13	,05-Oct-2005	39.1	48,	0.3252
322,	,13:39:13	,05-Oct-2005	39.3	48,	0.3214
323,	,13:40:13	,05-Oct-2005	36.6	49,	0.3213
324,	,13:41:13	,05-Oct-2005	37.4	48,	0.3184
325,	,13:42:13	,05-Oct-2005	38.5	48,	0.3165
326,	,13:43:13	,05-Oct-2005	41.1	48,	0.3555
327,	,13:44:13	,05-Oct-2005	39.1	49,	0.3372
328,	,13:45:13	,05-Oct-2005	38.8	49,	0.3189
329,	,13:46:13	,05-Oct-2005	39.6	49,	0.3388
330,	,13:47:13	,05-Oct-2005	39.1	49,	0.3387
331,	,13:48:13	,05-Oct-2005	38.7	49,	0.3268
332,	,13:49:13	,05-Oct-2005	39.1	49,	0.3425
333,	,13:50:13	,05-Oct-2005	45.8	49,	0.3358
334,	,13:51:13	,05-Oct-2005	40.8	49,	0.3713
335,	,13:52:13	,05-Oct-2005	37.2	48,	0.3127
336,	,13:53:13	,05-Oct-2005	37.9	48,	0.3099
337,	,13:54:13	,05-Oct-2005	38.6	48,	0.329
338,	,13:55:13	,05-Oct-2005	37.6	48,	0.319
339,	,13:56:13	,05-Oct-2005	36.9	47,	0.3181
340,	,13:57:13	,05-Oct-2005	40.1	47,	0.3361
341,	,13:58:13	,05-Oct-2005	39.4	47,	0.3206
342,	,13:59:13	,05-Oct-2005	43.3	47,	0.3465
343,	,14:00:13	,05-Oct-2005	40.5	47,	0.3331
344,	,14:01:13	,05-Oct-2005	42.2	47,	0.3406

Appendix E
End-Point Soil Samples
Abridged Laboratory Analytical Report

STL Report : 211296
SW REDEVELOPMENT OF N.A.

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.

Organic Extraction - Samples were extracted according to method 3541. No problems were encountered.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using guidance provided in Method 5030B/8260B.

The spike compound percent recoveries were within the laboratory generated guidelines in the independent source quality control samples.

Sample FLOOR-2 was analyzed at a 1:2 dilution as a medium level soil for high targets. This sample was also analyzed at a 1:5 dilution as a low level soil with surrogate recoveries outside QC limits. Surrogate recoveries were within criteria in the medium level soil analysis. Both sets of data were reported.

Sample NW-1/NORTH WALL was analyzed twice due to results exhibiting internal standard area suppression. One set of data was reported since matrix interference was proven.

Sample Calculation:

Sample ID-FLOOR-1
Compound- Naphthalene

$$\frac{(12947 \text{ area})(125\text{ng})}{(232362 \text{ area})(1.825 \text{ area/ng})(5\text{g})(.874)} = .87 \text{ ug/Kg.}$$

Semi-Volatile Organics - Semi-volatile organic samples were analyzed by capillary GC/MS according to NYSDEC Protocols using guidance provided in Method 8270C. The instrumentation used was a Hewlett-Packard Gas Chromatograph interfaced with a Mass Selective Detector.

A 1ul injection was used for all samples and standards. Refer to the standard concentration form behind the Form 8's for specific compound concentrations in each of the calibration levels. Internal standards were added to all samples and standards at 20ng/ul.

Samples were analyzed without any apparent problems.

Sample Calculation:

Sample ID – WW-1/WEST WALL
Compound - Phenanthrene

$$\frac{(450462\text{Area})(20\text{ng})(1000\text{ul})}{(330606\text{Area})(1.184\text{Area/ng})(1\text{ul})(15.3\text{g})(0.829)} = 1800\text{ug/Kg}$$

Metals – ICAP metals were determined using a TJA61E trace ICAP, following guidance provided in SW846 according to methods 3050B/6010B.

No problems occurred during analysis. All appropriate protocols were employed. All data appears to be consistent.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

SAMPLE INFORMATION
Date: 11/29/2005

Job Number.: 211296
Customer...: S&W Redevelopment of North America, LLC
Attn.....: Dan Ours

Project Number.....: 20001716
Customer Project ID....: [redacted]
Project Description....: [redacted]

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
211296-1	WW-1/WEST WALL	Soil	11/03/2005	11:10	11/04/2005	10:20
211296-2	NW-1/NORTH WALL	Soil	11/03/2005	11:25	11/04/2005	10:20
211296-3	EW-1/EAST WALL COMPOSITE	Soil	11/03/2005	13:31	11/04/2005	10:20
211296-4	FLOOR-1	Soil	11/03/2005	12:40	11/04/2005	10:20
211296-5	FLOOR-2	Soil	11/03/2005	13:29	11/04/2005	10:20
211296-6	SW-1/SOUTH WALL	Soil	11/03/2005	13:50	11/04/2005	10:20

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: NW-1/NORTH WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 11:25
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-2
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	70.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	29.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8260B	Volatile Organics											
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.43	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	Benzene, Solid*	ND	U		2.0	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	Toluene, Solid*	ND	U		2.4	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	Ethylbenzene, Solid*	ND	U		2.6	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	m&p-Xylenes, Solid*	ND	U		4.7	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	o-Xylene, Solid*	ND	U		1.7	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	Isopropylbenzene, Solid*	ND	U		2.7	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	n-Propylbenzene, Solid*	ND	U		2.7	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	1,3,5-Trimethylbenzene, Solid*	ND	U		2.4	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	tert-Butylbenzene, Solid*	ND	U		2.8	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	1,2,4-Trimethylbenzene, Solid*	ND	U		2.3	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	sec-Butylbenzene, Solid*	ND	U		2.8	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	p-Isopropyltoluene, Solid*	ND	U		2.7	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	n-Butylbenzene, Solid*	ND	U		2.1	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam
	Naphthalene, Solid*	ND	U		0.71	7.1	1.00000	ug/Kg	57961		11/10/05 1157	pam

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: EW-1/EAST WALL COMPOSITE
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:31
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-3
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	90.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	9.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8260B	Volatile Organics											
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.33	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	Benzene, Solid*	ND	U		1.5	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	Toluene, Solid*	ND	U		1.9	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	Ethylbenzene, Solid*	ND	U		2.0	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	m&p-Xylenes, Solid*	ND	U		3.6	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	o-Xylene, Solid*	ND	U		1.3	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	Isopropylbenzene, Solid*	ND	U		2.1	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	n-Propylbenzene, Solid*	ND	U		2.1	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.9	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	tert-Butylbenzene, Solid*	ND	U		2.2	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	1,2,4-Trimethylbenzene, Solid*	ND	U		1.8	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	sec-Butylbenzene, Solid*	ND	U		2.2	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	p-Isopropyltoluene, Solid*	ND	U		2.1	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	n-Butylbenzene, Solid*	ND	U		1.7	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam
	Naphthalene, Solid*	ND	U		0.55	5.5	1.00000	ug/Kg	57961		11/10/05 1225	pam

* In Description = Dry Wgt.

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: FLOOR-1
Date Sampled.....: 11/03/2005
Time Sampled.....: 12:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-4
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	87.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	12.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8260B	Volatile Organics											
	Methyl-tert-butyl-ether (MTBE), Solid*	ND		U		0.34	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	Benzene, Solid*	ND		U		1.6	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	Toluene, Solid*	ND		U		1.9	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	Ethylbenzene, Solid*	ND		U		2.1	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	m&p-Xylenes, Solid*	ND		U		3.8	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	o-Xylene, Solid*	ND		U		1.4	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	Isopropylbenzene, Solid*	ND		U	H	2.2	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	n-Propylbenzene, Solid*	ND		U		2.2	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	1,3,5-Trimethylbenzene, Solid*	ND		U		1.9	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	tert-Butylbenzene, Solid*	ND		U		2.3	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	1,2,4-Trimethylbenzene, Solid*	ND		U		1.8	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	sec-Butylbenzene, Solid*	ND		U		2.3	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	p-Isopropyltoluene, Solid*	ND		U		2.2	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	n-Butylbenzene, Solid*	ND		U		1.7	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam
	Naphthalene, Solid*	0.87		J		0.57	5.7	1.00000	ug/Kg	57961		11/10/05 1320	pam

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: FLOOR-2
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:29
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-5
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	79.0			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	21.0			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8260B	Volatile Organics											
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.9	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	Benzene, Solid*	ND	U		8.9	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	Toluene, Solid*	ND	U		11	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	Ethylbenzene, Solid*	900			11	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	m&p-Xylenes, Solid*	3400		A	21	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	o-Xylene, Solid*	43			7.6	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	Isopropylbenzene, Solid*	1300		A	12	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	n-Propylbenzene, Solid*	5000		A	12	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	1,3,5-Trimethylbenzene, Solid*	5100		A	11	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	tert-Butylbenzene, Solid*	ND	U		13	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	1,2,4-Trimethylbenzene, Solid*	10000		A	10	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	sec-Butylbenzene, Solid*	1100			13	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	p-Isopropyltoluene, Solid*	760			12	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	n-Butylbenzene, Solid*	1800		A	9.5	32	5.00000	ug/Kg	57960		11/09/05 2034	pam
	Naphthalene, Solid*	120			3.2	32	5.00000	ug/Kg	57960		11/09/05 2034	pam

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: FLOOR-2 Rerun
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:29
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-5
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Methyl-tert-butyl-ether (MTBE), High/Med*Level	ND	U		76	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	Benzene, High/Med Level*	ND	U		100	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	Toluene, High/Med Level*	ND	U		76	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	Ethylbenzene, High/Med Level*	800	J		250	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	m&p-Xylenes, High/Med Level*	3100			230	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	o-Xylene, High/Med Level*	ND	U		100	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	Isopropylbenzene, High/Med Level*	1300			180	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	n-Propylbenzene, High/Med Level*	5700			150	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	1,3,5-Trimethylbenzene, High/Med Level*	9300			180	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	tert-Butylbenzene, High/Med Level*	ND	U		180	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	1,2,4-Trimethylbenzene, High/Med Level*	43000			150	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	sec-Butylbenzene, High/Med Level*	ND	U		230	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	p-Isopropyltoluene, High/Med Level*	ND	U		200	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	n-Butylbenzene, High/Med Level*	ND	U		130	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam
	Naphthalene, High/Med Level*	2600			130	1300	2.00000	ug/Kg	57962	DL	11/15/05 1251	pam

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: SW-1/SOUTH WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-6
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	90.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	9.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8260B	Volatile Organics											
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.33	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	Benzene, Solid*	ND	U		1.5	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	Toluene, Solid*	ND	U		1.9	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	Ethylbenzene, Solid*	ND	U		2.0	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	m&p-Xylenes, Solid*	ND	U		3.6	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	o-Xylene, Solid*	ND	U		1.3	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	Isopropylbenzene, Solid*	ND	U		2.1	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	n-Propylbenzene, Solid*	ND	U		2.1	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.9	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	tert-Butylbenzene, Solid*	ND	U		2.2	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	1,2,4-Trimethylbenzene, Solid*	ND	U		1.8	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	sec-Butylbenzene, Solid*	ND	U		2.2	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	p-Isopropyltoluene, Solid*	ND	U		2.1	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	n-Butylbenzene, Solid*	ND	U		1.7	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam
	Naphthalene, Solid*	ND	U		0.55	5.5	1.00000	ug/Kg	57961		11/10/05 1253	pam

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: WW-1/WEST WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 11:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-1
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	82.9			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	17.1			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		67	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Acenaphthene, Solid*	ND	U		65	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Fluorene, Solid*	80	J		51	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Phenanthrene, Solid*	1800			46	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Anthracene, Solid*	400			65	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Fluoranthene, Solid*	2600			50	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Pyrene, Solid*	2700			54	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Benzo(a)anthracene, Solid*	1700			53	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Chrysene, Solid*	1800			50	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Benzo(b)fluoranthene, Solid*	1800			110	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Benzo(k)fluoranthene, Solid*	670			44	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Benzo(a)pyrene, Solid*	1500			48	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Indeno(1,2,3-cd)pyrene, Solid*	1300			40	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Dibenzo(a,h)anthracene, Solid*	390			44	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw
	Benzo(ghi)perylene, Solid*	1300			44	390	1.00000	ug/Kg	57944		11/18/05 2128	ksw

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: NW-1/NORTH WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 11:25
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-2
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	70.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	29.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8270C	Semivolatile Organics											
	Naphthalene, Solid*	140	J		79	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Acenaphthene, Solid*	ND	U		77	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Fluorene, Solid*	ND	U		60	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Phenanthrene, Solid*	500			54	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Anthracene, Solid*	310	J		77	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Fluoranthene, Solid*	1600			58	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Pyrene, Solid*	1600			64	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Benzo(a)anthracene, Solid*	1300			63	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Chrysene, Solid*	1200			58	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Benzo(b)fluoranthene, Solid*	1200			130	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Benzo(k)fluoranthene, Solid*	460			52	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Benzo(a)pyrene, Solid*	1100			57	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Indeno(1,2,3-cd)pyrene, Solid*	990			47	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Dibenzo(a,h)anthracene, Solid*	290	J		52	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw
	Benzo(ghi)perylene, Solid*	1200			52	460	1.00000	ug/Kg	57944		11/20/05 1720	ksw

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: EW-1/EAST WALL COMPOSITE
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:31
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-3
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	90.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	9.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		60	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Acenaphthene, Solid*	ND	U		58	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Fluorene, Solid*	ND	U		45	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Phenanthrene, Solid*	ND	U		41	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Anthracene, Solid*	ND	U		58	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Fluoranthene, Solid*	ND	U		44	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Pyrene, Solid*	ND	U		48	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Benzo(a)anthracene, Solid*	ND	U		47	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Chrysene, Solid*	ND	U		44	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Benzo(b)fluoranthene, Solid*	ND	U		97	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Benzo(k)fluoranthene, Solid*	ND	U		39	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Benzo(a)pyrene, Solid*	ND	U		43	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		36	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Dibenzo(a,h)anthracene, Solid*	ND	U		39	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw
	Benzo(ghi)perylene, Solid*	ND	U		39	350	1.00000	ug/Kg	57944		11/18/05 1740	ksw

* In Description = Dry Wgt.

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: FLOOR-1
Date Sampled.....: 11/03/2005
Time Sampled.....: 12:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-4
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	87.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	12.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		62	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Acenaphthene, Solid*	ND	U		60	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Fluorene, Solid*	ND	U		47	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Phenanthrene, Solid*	ND	U		43	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Anthracene, Solid*	ND	U		60	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Fluoranthene, Solid*	ND	U		46	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Pyrene, Solid*	ND	U		50	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Benzo(a)anthracene, Solid*	ND	U		49	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Chrysene, Solid*	ND	U		46	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Benzo(b)fluoranthene, Solid*	ND	U		100	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Benzo(k)fluoranthene, Solid*	ND	U		40	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Benzo(a)pyrene, Solid*	ND	U		45	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		37	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Dibenzo(a,h)anthracene, Solid*	ND	U		40	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw
	Benzo(ghi)perylene, Solid*	ND	U		40	360	1.00000	ug/Kg	57944		11/18/05 1806	ksw

* In Description = Dry Wgt.

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: FLOOR-2
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:29
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-5
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	79.0			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	21.0			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8270C	Semivolatile Organics											
	Naphthalene, Solid*	5400			140	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Acenaphthene, Solid*	ND	U		140	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Fluorene, Solid*	ND	U		110	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Phenanthrene, Solid*	230	J		98	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Anthracene, Solid*	ND	U		140	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Fluoranthene, Solid*	250	J		110	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Pyrene, Solid*	290	J		120	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Benzo(a)anthracene, Solid*	140	J		110	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Chrysene, Solid*	120	J		110	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Benzo(b)fluoranthene, Solid*	ND	U		230	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Benzo(k)fluoranthene, Solid*	ND	U		93	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Benzo(a)pyrene, Solid*	ND	U		100	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		85	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Dibenzo(a,h)anthracene, Solid*	ND	U		93	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw
	Benzo(ghi)perylene, Solid*	ND	U		93	830	2.00000	ug/Kg	57944		11/20/05 1745	ksw

* In Description = Dry Wgt.

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Customer Sample ID: SW-1/SOUTH WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-6
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	90.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	9.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		60	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Acenaphthene, Solid*	ND	U		58	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Fluorene, Solid*	ND	U		45	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Phenanthrene, Solid*	ND	U		41	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Anthracene, Solid*	ND	U		58	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Fluoranthene, Solid*	ND	U		44	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Pyrene, Solid*	ND	U		49	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Benzo(a)anthracene, Solid*	ND	U		47	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Chrysene, Solid*	ND	U		44	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Benzo(b)fluoranthene, Solid*	ND	U		98	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Benzo(k)fluoranthene, Solid*	ND	U		39	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Benzo(a)pyrene, Solid*	ND	U		43	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		36	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Dibenzo(a,h)anthracene, Solid*	ND	U		39	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw
	Benzo(ghi)perylene, Solid*	ND	U		39	350	1.00000	ug/Kg	57944		11/18/05 1856	ksw

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: WW-1/WEST WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 11:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-1
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	82.9			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	17.1			0.10	0.10	1	%	57373		11/10/05 0000	rlm
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	315			1.0	12.0	1	mg/Kg	57466		11/10/05 1701	nnp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 211296

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: NW-1/NORTH WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 11:25
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-2
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	70.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	29.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	127			1.1	13.4	1	mg/Kg	57466		11/10/05 1707	nnp

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: EW-1/EAST WALL COMPOSITE
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:31
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-3
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	90.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	9.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	8.2	B		0.80	9.5	1	mg/Kg	57466		11/10/05 1713	nnp

* In Description = Dry Wgt.

STL CONNECTICUT

Job Number: 211296

LABORATORY TEST RESULTS

Date: 11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: FLOOR-1
Date Sampled.....: 11/03/2005
Time Sampled.....: 12:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-4
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	87.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	12.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	5.5	B		0.89	10.6	1	mg/Kg	57466		11/10/05 1719	nnp

* In Description = Dry Wgt.

Job Number: 211296

LABORATORY TEST RESULTS

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC

PROJECT: [redacted]

ATTN: Dan Ours

Customer Sample ID: FLOOR-2
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:29
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-5
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	79.0			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	21.0			0.10	0.10	1	%	57373		11/10/05 0000	rlm
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	9.9	B		0.87	10.3	1	mg/Kg	57466		11/10/05 1725	nnp

* In Description = Dry Wgt.

STL CONNECTICUT

LABORATORY TEST RESULTS

Job Number: 211296

Date:11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ouns

Customer Sample ID: SW-1/SOUTH WALL
Date Sampled.....: 11/03/2005
Time Sampled.....: 13:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211296-6
Date Received.....: 11/04/2005
Time Received.....: 10:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216												
	% Solids, Solid	90.6			0.10	0.10	1	%	57373		11/10/05 0000	rlm
	% Moisture, Solid	9.4			0.10	0.10	1	%	57373		11/10/05 0000	rlm
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	9.6	B		0.83	9.8	1	mg/Kg	57466		11/10/05 1731	nnp

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 211296 Date: 11/29/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Lab ID: 211296-1 Client ID: WW-1/WEST WALL
Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
ASTM D-2216		1	57373		11/10/2005 0000	
5030A	5030 Soil(5g)Prep	1	57488			
3050B	Acid Digestion: Solids (ICAP)	1	57325		11/10/2005 0916	
3541	Extraction Soxhlet (SVOC)	1	57768		11/16/2005 0000	
6010B	Metals Analysis (ICAP Trace)	1	57466	57325	11/10/2005 1701	
8270C	Semivolatile Organics	1	57944	57768	11/18/2005 2128	1.00000
8260B	Volatile Organics	1	57961	57488	11/10/2005 1130	1.00000

Lab ID: 211296-2 Client ID: NW-1/NORTH WALL
Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
ASTM D-2216		1	57373		11/10/2005 0000	
5030A	5030 Soil(5g)Prep	1	57488			
3050B	Acid Digestion: Solids (ICAP)	1	57325		11/10/2005 0925	
3541	Extraction Soxhlet (SVOC)	1	57768		11/16/2005 0000	
6010B	Metals Analysis (ICAP Trace)	1	57466	57325	11/10/2005 1707	
8270C	Semivolatile Organics	1	57944	57768	11/20/2005 1720	1.00000
8260B	Volatile Organics	1	57961	57488	11/10/2005 1157	1.00000

Lab ID: 211296-3 Client ID: EW-1/EAST WALL COMPOSITE
Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
ASTM D-2216		1	57373		11/10/2005 0000	
5030A	5030 Soil(5g)Prep	1	57488			
3050B	Acid Digestion: Solids (ICAP)	1	57325		11/10/2005 0933	
3541	Extraction Soxhlet (SVOC)	1	57768		11/16/2005 0000	
6010B	Metals Analysis (ICAP Trace)	1	57466	57325	11/10/2005 1713	
8270C	Semivolatile Organics	1	57944	57768	11/18/2005 1740	1.00000
8260B	Volatile Organics	1	57961	57488	11/10/2005 1225	1.00000

Lab ID: 211296-4 Client ID: FLOOR-1
Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
ASTM D-2216		1	57373		11/10/2005 0000	
5030A	5030 Soil(5g)Prep	1	57488			
3050B	Acid Digestion: Solids (ICAP)	1	57325		11/10/2005 0941	
3541	Extraction Soxhlet (SVOC)	1	57768		11/16/2005 0000	
6010B	Metals Analysis (ICAP Trace)	1	57466	57325	11/10/2005 1719	
8270C	Semivolatile Organics	1	57944	57768	11/18/2005 1806	1.00000
8260B	Volatile Organics	1	57961	57488	11/10/2005 1320	1.00000

Lab ID: 211296-5 Client ID: FLOOR-2
Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
ASTM D-2216		1	57373		11/10/2005 0000	
5030A	5030 Purge & Trap (Med. Level) 10ml	1	57623			
5030A	5030 Soil(5g)Prep	1	57329			
3050B	Acid Digestion: Solids (ICAP)	1	57325		11/10/2005 0949	
3541	Extraction Soxhlet (SVOC)	1	57768		11/16/2005 0000	
6010B	Metals Analysis (ICAP Trace)	1	57466	57325	11/10/2005 1725	
8270C	Semivolatile Organics	1	57944	57768	11/20/2005 1745	2.00000
8260B	Volatile Organics	1	57960	57329	11/09/2005 2034	5.00000
8260B	Volatile Organics	1	57962	57623	11/15/2005 1251	2.00000

Lab ID: 211296-6 Client ID: SW-1/SOUTH WALL
Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
ASTM D-2216		1	57373		11/10/2005 0000	
5030A	5030 Soil(5g)Prep	1	57488			
3050B	Acid Digestion: Solids (ICAP)	1	57325		11/10/2005 0957	

LABORATORY CHRONICLE

Job Number: 211296 Date: 11/29/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Lab ID: 211296-6 Client ID: SW-1/SOUTH WALL Date Recvd: 11/04/2005 Sample Date: 11/03/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3541	Extraction Soxhlet (SVOC)	1	57768		11/16/2005	0000	
6010B	Metals Analysis (ICAP Trace)	1	57466	57325	11/10/2005	1731	
8270C	Semivolatile Organics	1	57944	57768	11/18/2005	1856	1.00000
8260B	Volatile Organics	1	57961	57488	11/10/2005	1253	1.00000

SURROGATE RECOVERIES REPORT

Job Number.: 211296 Report Date.: 11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Method.....: Volatile Organics Method Code...: 8260 Prep Batch....: 57329
Batch(s).....: 57960 Test Matrix...: Solid Equipment Code: MSY

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-57329-2			11/09/2005	83	90	86	85
MB-57329-1			11/09/2005	85	91	83	84
211296- 5		FLOOR-2	11/09/2005	82	1027*	71	152*

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	49 - 134
BRFLBE	4-Bromofluorobenzene (surr)	36 - 133
DBRFLM	Dibromofluoromethane (surr)	60 - 130
TOLD8	Toluene-d8 (surr)	51 - 137

Method.....: Volatile Organics Method Code...: 8260 Prep Batch....: 57488
Batch(s).....: 57961 Test Matrix...: Solid Equipment Code: MSY

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-57488-2			11/10/2005	81	90	82	85
MB-57488-1			11/10/2005	85	89	79	84
211296- 1		WW-1/WEST WALL	11/10/2005	86	106	82	91
211296- 2		NW-1/NORTH WALL	11/10/2005	81	121	75	92
211296- 3		EW-1/EAST WALL COMPOSITE	11/10/2005	82	93	77	84
211296- 4		FLOOR-1	11/10/2005	82	87	79	82
211296- 6		SW-1/SOUTH WALL	11/10/2005	84	94	78	85

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	49 - 134
BRFLBE	4-Bromofluorobenzene (surr)	36 - 133
DBRFLM	Dibromofluoromethane (surr)	60 - 130
TOLD8	Toluene-d8 (surr)	51 - 137

Method.....: Volatile Organics Method Code...: 8260 Prep Batch....: 57623
Batch(s).....: 57962 Test Matrix...: High/Med Level Equipment Code: MSL

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-57623-2			11/15/2005	100	82	101	82
MB-57623-1			11/15/2005	108	86	103	84
211296- 5	DL	FLOOR-2	11/15/2005	105	106	101	84

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	49 - 134
BRFLBE	4-Bromofluorobenzene (surr)	36 - 133
DBRFLM	Dibromofluoromethane (surr)	60 - 130
TOLD8	Toluene-d8 (surr)	51 - 137

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Curs

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V05IWRK022	57329 -002		11/09/2005	0943

Test Method.....: 8260B
Method Description.: Volatile Organics

Equipment Code....: MSY
Batch.....: 57960

Analyst...: pam

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzene, Solid	ug/Kg	18.416		20.000		92	%	66-126	
Toluene, Solid	ug/Kg	17.642		20.000		88	%	72-113	
Ethylbenzene, Solid	ug/Kg	17.691		20.000		88	%	74-117	
m&p-Xylenes, Solid	ug/Kg	35.643		40.000		89	%	73-116	
o-Xylene, Solid	ug/Kg	17.548		20.000		88	%	74-115	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V05IWRK022	57488-002		11/10/2005	1010

Test Method.....: 8260B
Method Description.: Volatile Organics

Equipment Code....: MSY
Batch.....: 57961

Analyst...: pam

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzene, Solid	ug/Kg	17.034		20.000		85	%	66-126	
Toluene, Solid	ug/Kg	16.341		20.000		82	%	72-113	
Ethylbenzene, Solid	ug/Kg	17.164		20.000		86	%	74-117	
m&p-Xylenes, Solid	ug/Kg	34.184		40.000		85	%	73-116	
o-Xylene, Solid	ug/Kg	17.347		20.000		87	%	74-115	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V05IWRK022	57623 -002		11/15/2005	1048

Test Method.....: 8260B
Method Description.: Volatile Organics

Equipment Code....: MSL
Batch.....: 57962

Analyst...: pam

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Benzene, High/Med Level	ug/Kg	1932.740		2000.000		97	%	72-121	
Toluene, High/Med Level	ug/Kg	1583.270		2000.000		79	%	72-121	
Ethylbenzene, High/Med Level	ug/Kg	1631.030		2000.000		82	%	73-119	
m&p-Xylenes, High/Med Level	ug/Kg	3254.650		4000.000		81	%	73-116	
o-Xylene, High/Med Level	ug/Kg	1646.260		2000.000		82	%	74-118	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SURROGATE RECOVERIES REPORT

Job Number.: 211296

Report Date.: 11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

Method.....: Semivolatile Organics
Batch(s).....: 57944

Method Code...: 8270
Test Matrix...: Solid

Prep Batch....: 57768
Equipment Code: MSZ

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCS-57768-2			11/18/2005	93	93	90	89	90	113
MB-57768-1			11/18/2005	84	84	84	83	85	105
211296- 1		WW-1/WEST WALL	11/18/2005	70	82	75	75	77	108
211296- 2		NW-1/NORTH WALL	11/20/2005	76	84	77	75	81	103
211296- 3		EW-1/EAST WALL COMPOSITE	11/18/2005	52	90	81	86	84	129
211296- 4		FLOOR-1	11/18/2005	62	65	63	63	64	126
211296- 5		FLOOR-2	11/20/2005	86	93	88	98	92	121
211296- 6		SW-1/SOUTH WALL	11/18/2005	46	87	77	84	83	127

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol (surr)	24 - 150
2FLUBP	2-Fluorobiphenyl (surr)	32 - 131
2FLUPH	2-Fluorophenol (surr)	25 - 113
NITRD5	Nitrobenzene-d5 (surr)	25 - 120
PHEND5	Phenol-d5 (surr)	27 - 122
TERD14	Terphenyl-d14 (surr)	35 - 140

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/22/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8270C
Method Description.: Semivolatile Organics

Equipment Code....: MSZ
Batch.....: 57944

Analyst...: ksw

LCS	Laboratory Control Sample	E05JSPK005	57768 -002		11/18/2005	1146

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Naphthalene, Solid	ug/Kg	2396.67		2667.00		90	%	45-109	
Acenaphthene, Solid	ug/Kg	2490.46		2667.00		93	%	47-116	
Fluorene, Solid	ug/Kg	2533.85		2667.00		95	%	50-119	
Phenanthrene, Solid	ug/Kg	2732.51		2667.00		102	%	50-125	
Anthracene, Solid	ug/Kg	2753.99		2667.00		103	%	48-128	
Fluoranthene, Solid	ug/Kg	2739.69		2667.00		103	%	48-131	
Pyrene, Solid	ug/Kg	2988.58		2667.00		112	%	49-131	
Benzo(a)anthracene, Solid	ug/Kg	2735.92		2667.00		103	%	49-129	
Chrysene, Solid	ug/Kg	2764.55		2667.00		104	%	51-129	
Benzo(b)fluoranthene, Solid	ug/Kg	2856.64		2667.00		107	%	42-134	
Benzo(k)fluoranthene, Solid	ug/Kg	2860.87		2667.00		107	%	47-134	
Benzo(a)pyrene, Solid	ug/Kg	2743.23		2667.00		103	%	49-131	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	2390.52		2667.00		90	%	42-127	
Dibenzo(a,h)anthracene, Solid	ug/Kg	2467.74		2667.00		93	%	42-127	
Benzo(ghi)perylene, Solid	ug/Kg	2288.12		2667.00		86	%	43-124	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211296 Report Date.: 11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN: Dan Ours

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M05DLCS001	57213 -002		11/10/2005	1302

Test Method.....: 6010B Equipment Code....: ICAP1 Analyst...: nnp
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 57466

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	252.73		250.00		101	%	80.0-120.0	

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		57213 -001		11/10/2005	1256

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICAP1
Batch.....: 57466

Analyst...: nnp

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	0.8	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		211233-9		11/10/2005	1344

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICAP1
Batch.....: 57466

Analyst...: nnp

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	2.18	B			2.15	B	23.0987		855.8360	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M04AWRK013	211233-9		11/10/2005	1350

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICAP1
Batch.....: 57466

Analyst...: nnp

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	3.87	B		1.87	2.15	B	92		75-125	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 211296

Report Date.: 11/23/2005

CUSTOMER: S&W Redevelopment of North America, LLC PROJECT: [redacted] ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		211296-6		11/10/2005	1737

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICAP1
Batch.....: 57466

Analyst...: nnp

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Lead, Solid	mg/Kg	1.87	B		9.62	B		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY ASSURANCE METHODS
REFERENCES AND NOTES

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 10604
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviation

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the reporting limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed th upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	PS: Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the reporting limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.

Organic Flags (Flags Column)

'	MB,EB, MLE: Batch QC is greater than reporting limit.
*	LCS, LCD, CCV, MS, MSD, Surrogate, RS:Batch QC exceeds the upper or lower control limits.
A	Concentration exceeds the instrument calibration range or below the reporting limit.
B	Compound was found in the blank.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation Analysis
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
Dil Fac	Dilution Factor
DL	Secondary dilution and analysis
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB	Extraction Blank
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A
ISB	Interference Check Sample B
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
Lab ID	An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PACK	Packed Column
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PS	Post Spike
PSD	Post Spike Duplicate
RA	Re-analysis
RE	Re-extraction and analysis
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RS	Reference Standard
RT	Retention Time
RTW	Retention Time Window
SampleID	A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution
UCB	Unseeded Control Blank

One or a combination of these data qualifiers and abbreviations may appear in the analytical report.

STL-Connecticut
Certification Summary (as of September 2005)

The laboratory identification numbers for the STL-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

State	Responsible Agency	Certification	Expiration Date	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	12/31/06	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	04/18/06	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	06/30/06	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	08/29/06	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	06/30/06	CT410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste NELAC	04/01/06	10602
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	12/30/06	A43
Utah	Department of Health	RCRA	05/31/06	2032614458