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Bridgeport, CT 06606  
Tel: 203-333-2767  
Fax: 203-333-4770

**ADVANCED  
ENVIRONMENTAL  
REDEVELOPMENT, LLC**

# Memo

To: Mr. Joe Yavonditte  
From: Chris Kopley  
CC:  
Date: 12/17/2002  
Re: Yonkers Downtown Waterfront Development

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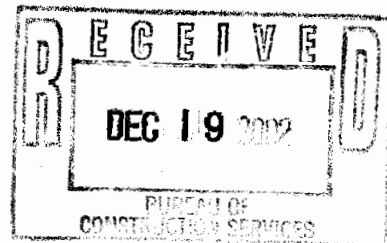
Dear Mr. Yavonditte,

Please find enclosed a copy of the Monthly Progress Report for the month of December.

Please call with any questions.

THANKS

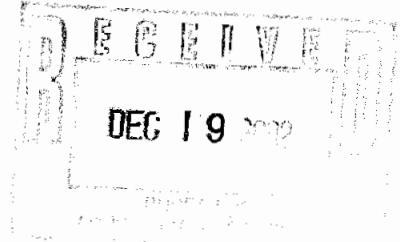
CJK



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**ADVANCED  
ENVIRONMENTAL  
REDEVELOPMENT, LLC**

## Monthly Progress Report (December)



To: Mr. Mike Marcante  
Mr. Jim Pinto  
Mr. Joe Yavonditte  
From: Chris Kopley  
Date: December 11, 2002

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**Re: Soil Sampling and Air Monitoring  
Parcels E and F  
Yonkers, New York**

This fourth monthly progress report details remedial activities conducted in accordance with our approved work plan dated January 2002 (voluntary clean-up agreement B0045-3) and the NYSDEC Approved Work Plan Addendum dated August 30, 2002. Activities discussed in this report include soil sample collection and analysis performed within the Parcel E parking garage area. These samples were collected within the hardscaped area at the request of the NYSDEC in order to document soil quality of that soil remaining on-site.

### Soil Sampling

As detailed in the Addendum, AER collected 18 soil samples from the existing native soils and fill material from the parking garage area on Parcel E. On October 28, October 29, November 4, and November 14, 2002, AER collected soil samples in a grid like pattern at approximately 50-foot intervals along pile cap trenches. Two soil samples were collected from each location: one sample at an approximate depth of one to two feet below the current grade within the imported backfill; and one sample collected one to two feet below the surface of the native fill. The soil samples are designated -1 and -2, respectively. Soils generally consisted of dark brown to brown, fine to coarse sand and gravel with some brick. Since the soils observed similar, the depth of the native soil was determined by the recorded former surface elevation. According to the excavator, the excavations extended to a depth of approximately four feet below the top of the native fill. Samples were collected using laboratory prepared containers and were analyzed by American Analytical Laboratories, Inc.,

a New York State certified laboratory, for semi-volatile organic compounds (PAH's only), TCLP RCRA metals and total TAL metals.

Soil samples were compared to NYSDEC TAGM 4046 guidelines. Analytical results are summarized on Table 1. Laboratory reports are attached.

Previous analytical data for soil samples collected from the native fill by AKRF in 1998, indicated that total metals arsenic, mercury, and nickel and semi-volatile compounds benzo[a]anthracene, benzo[a]pyrene, benzo[b]flouranthene, benzo[k]flouranthene, chrysene and dibenzo[a,h]anthracene were identified as contaminants of concern. Concerning AER's recent sample results, only mercury was detected above the Eastern USA Background TAGM 4060 value. Other reported metal values were not unusual for a historic urban environment. Concerning the six semi-volatile compounds identified as contaminants of concern, each exceeded the Recommended Clean-up Objective excluding benzo[k]flouranthene where only limited exceedances were noted.

Native fill that exhibits parameters greater than published guidelines has been noted primarily at sample locations A, B and C where the deeper sample exhibited consistently higher values of semi-volatile organic compounds and metals. In other areas the distribution of parameters is not so well defined. This may be due to the distribution of imported fill and the fact that the imported fill decreased in thickness to the east of the site. No imported fill has been placed on the eastern site boundary along Van Der Donck Street.

The imported and native fill identified in this area will be located beneath the hardscaped parking garage. This method of construction and identification of on-site soils has been utilized under other parts of the on-site structure as observed by the NYSDEC during the August 20, 2002 site meeting. Photographs of field activities are attached.

#### Air Monitoring

On January 15, 2002 AER initiated the Community Air Monitoring program for parcels E and F of the Yonkers Waterfront Development Site. The air monitoring program establishes and implements a perimeter air-monitoring program when ground intrusive site activities are performed and when affected soils are exposed.

AER has been monitoring ambient air at the site since January 15 when soil excavations for pile obstructions began. A PID meter (Thermoenvironmental Instruments model 580EZ) has been used to monitor ambient air volatile organic vapors down gradient and upgradient of each excavation area. The meter is calibrated daily according to the manufacturer's instructions. Fifteen minute average readings have not exceeded 0.0 units (not detected).

Dust monitoring (PM-10) has been performed using a Casella DustPro Monitor. Dust levels are monitored down gradient and upgradient of each excavation area as stated in the work plan. The monitor is calibrated daily according to the manufacturer's instructions. Fifteen minute averages have not exceeded 0.1 mg/m<sup>3</sup> no visible dust has been observed leaving the site.

Air monitoring and daily field logs are attached.

**TABLE 1**  
**SUMMARY OF DETECTED COMPOUNDS IN SOIL**  
**PARKING GARAGE E**  
**YONKERS WATERFRONT**  
**NEW YORK, CONNECTICUT**

Compound/Location	A-1	A-2	B-1	B-2	C-1	C-2	D-1	D-2	E-1	E-2	NYSDEC RSCO	Eastern USA Background
<i>TAL Metals (mg/kg)</i>												
Aluminum	327	190	342	5710	6940	7200	8380	5390	6940	7340	SB	33,000
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	0.34	ND	SB	NA
Arsenic	0.140	0.208	0.132	4.34	2.17	3.31	5.23	4.95	7.69	2.89	7.5 or SB	3-12
Barium	3.01	2.32	3.31	67.2	49.1	65.0	79.1	69.8	64.0	72.4	300 or SB	15-600
Cadmium	0.0061	0.0103	0.0109	0.224	0.11	0.16	0.222	0.17	0.240	0.13	1 or SB	0.1-1
Calcium	1470	625	902	14800	15200	23000	19900	12700	16200	18000	SB	130-3500
Chromium	0.674	0.288	0.661	13.9	13.1	14.2	15.5	10.0	13.8	15.8	10 or SB	1.5-40
Cobalt	0.384	0.338	0.384	7.65	7.87	8.06	9.26	6.57	9.76	8.33	30 or SB	2.5-60
Copper	1.17	3.11	1.63	34.9	27.5	27.8	45.7	39.8	38.4	28.7	25 or SB	1-50
Iron	644	540	600	13900	12600	13000	12600	9970	15800	13500	2,000 or SB	2,000- 550,000
Lead	2.22	7.75	4.74	182	66.8	88.7	116	200	106	106	SB	*
Magnesium	305	170	293	5290	4160	6270	5060	4070	4790	5600	SB	100-5000
Manganese	7.32	6.70	8.83	161	158	154	259	140	138	138	SB	50-5000
Mercury	ND	ND	ND	ND	ND	ND	0.156	ND	0.161	ND	0.1	0.001-0.2
Nickel	0.570	0.479	0.568	11.1	10.7	11.8	12.2	9.18	13.6	12.9	13 or SB	0.5-25
Potassium	148	49.2	119	1650	2020	2770	2510	1540	2340	2920	SB	8500-4300
Silver	ND	ND	ND	ND	ND	ND	ND	153	0.890	ND	SB	N/A
Sodium	17.5	19.8	18.1	330	432	340	321	325	279	250	SB	6000-8000
Thallium	ND	ND	ND	ND	ND	ND	0.806	ND	ND	ND	SB	NA
Vanadium	1.05	0.757	1.03	16.6	22.5	21.1	21.3	16.0	19.5	20.8	150 or SB	1-300
Zinc	3.33	6.28	5.0	106	45.6	68.4	84.4	85.9	85.2	67.5	20 or SB	9-50
<i>ICLP Metals (mg/l)</i>												
Barium	0.932	0.828	0.974	0.941	0.941	1.004	0.900	0.994	0.885	1.032	NS	NS
Cadmium	ND	ND	ND	ND	ND	0.010	ND	ND	0.005	ND	NS	NS
Lead	0.075	0.367	0.824	0.077	0.08	4.464	0.912	0.271	0.496	0.342	NS	NS
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	0.036	ND	NS	NS

**TABLE 1**  
**SUMMARY OF DETECTED COMPOUNDS IN SOIL**  
**PARKING GARAGE E**  
**YONKERS WATERFRONT**  
**NEW YORK, CONNECTICUT**

Compound/Location	A-1	A-2	B-1	B-2	C-1	C-2	D-1	D-2	E-1	E-2	NYSDEC RSCO	Eastern USA Background
Polynuclear Aromatics (mg/kg)												
Acenaphthene	ND	ND	0.16	0.41	0.084	0.22	0.68	0.083	0.49	0.16	50.0	NS
Acenaphthylene	0.21	0.79	0.25	0.39	0.22	0.25	0.72	0.12	0.4	0.15	41.0	NS
Anthracene	0.19	0.56	0.55	1.3	0.39	0.63	2.6	0.24	1.6	0.48	50.0	NS
Benzo[a]anthracene	0.66	1.1	1.3	5.2	0.97	1.5	4.2	0.56	2.7	1.0	0.224 or MDL	NS
Benzo[a]pyrene	0.75	1.9	1.5	6.2	1.1	1.6	3.9	0.63	2.8	1.1	0.061 or MDL	NS
Benzo[b]fluoranthene	0.94	2.2	1.7	7.4	1.3	1.8	4.7	0.75	3.3	1.2	1.1	NS
Benzo[g,h,i]perylene	0.57	1.5	0.99	3.9	0.73	1.1	2.2	0.42	1.6	0.68	50.0	NS
Benzo[k]fluoranthene	0.43	0.8	0.73	2.5	0.47	0.84	1.4	0.27	1.1	0.55	1.1	NS
Chrysene	0.81	1.4	1.5	5.3	1.0	1.6	4.0	0.62	2.6	1.0	0.4	NS
Dibenzo(a,h)anthracene	0.17	0.43	0.3	1.2	0.22	0.33	0.69	0.13	0.52	0.22	0.014 or MDL	NS
Fluoranthene	1.5	1.5	2.4	8.3	1.6	2.8	8.9	1.1	6.2	2.0	50.0	NS
Fluorene	ND	0.11	0.19	0.35	0.14	0.23	1.2	ND	0.68	0.18	50.0	NS
Indeno[1,2,3-cd]pyrene	0.49	1.4	0.89	3.7	0.66	0.92	2.2	0.36	1.6	0.61	3.2	NS
Naphthalene	ND	0.11	0.1	ND	ND	0.083	0.77	ND	0.27	0.092	13.0	NS
Phenanthrene	0.74	0.76	1.5	4.1	1.0	1.8	8.1	0.66	5.1	1.4	50.0	NS
Pyrene	1.3	1.6	2.3	7.9	1.7	2.6	8.7	1.1	5.8	1.8	50.0	NS

Notes:

- 1 - Imported fill, 2 - Native soil
- mg/kg - milligrams/kilograms
- mg/l - milligrams/liter
- NA - Not Available
- ND - Not detected above method detection limit
- NS - No Standard
- SB - Site Background
- MDL - Method detection limit
- NYSDEC RSCO - New York State Department of Environmental Conservation Recommended Soil Clean-up Objective
- \* - Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

**TABLE 1**  
**SUMMARY OF DETECTED COMPOUNDS IN SOIL**  
**PARKING GARAGE E**  
**YONKERS WATERFRONT**  
**NEW YORK, CONNECTICUT**

Compound/Location	F-1	F-2	G-1	G-2	H-1	H-2	I-1	I-2	NYSDEC RSCO	Eastern USA Background
<i>TAL Metals (mg/kg)</i>										
Aluminum	6940	4570	8260	7570	7050	6720	10900	15200	SB	33,000
Arsenic	4.01	3.97	3.87	3.29	3.74	4.53	2.84	5.18	7.5 or SB	3-12
Barium	79.7	49.3	86.3	94.3	72.5	64.8	65.3	158	300 or SB	15-600
Cadmium	0.335	0.15	0.197	0.17	0.18	0.233	0.17	0.339	1 or SB	0.1-1
Calcium	15200	10900	15500	14700	17100	15200	24200	12300	SB	130-3500
Chromium	13.1	19.7	14.2	13.1	13.1	15.1	16.5	38.5	10 or SB	1.5-40
Cobalt	8.19	7.15	7.46	7.71	8.27	7.99	9.32	17.8	30 or SB	2.5-60
Copper	40.9	36.5	27.9	25.4	30.0	42.4	31.9	76.8	25 or SB	1-50
Iron	13000	10000	11800	12000	12500	11600	18200	24800	2,000 or SB	2,000- 550,000
Lead	265	81.5	69.4	60.1	71.9	193	56.6	203	SB	*
Magnesium	4710	4010	4690	4600	4930	5120	5650	7870	SB	100-5000
Manganese	174	103	149	169	148	146	121	277	SB	50-5000
Mercury	0.637	0.333	0.309	0.144	0.143	0.196	0.162	0.105	0.1	0.001-0.2
Nickel	15.6	9.06	11.9	10.8	10.7	12.1	14.2	33.3	13 or SB	0.5-25
Potassium	2340	1360	2840	2710	2520	2090	2840	5830	SB	8500-4300
Selenium	ND	0.527	ND	0.38	ND	ND	ND	0.749	2 or SB	0.1-3.9
Silver	ND	ND	ND	ND	ND	ND	ND	ND	SB	NA
Sodium	361	354	604	432	537	322	311	578	SB	6000-8000
Thallium	ND	ND	ND	ND	ND	ND	ND	0.438	SB	NA
Vanadium	21.8	17.9	20.8	19.7	20.1	21.3	20.3	42.5	150 or SB	1-300
Zinc	88.1	71.9	91.9	83.5	74.6	84.7	84.8	128	20 or SB	9-50
<i>TCLP Metals (mg/l)</i>										
Barium	0.970	0.733	0.916	0.873	0.831	0.876	0.918	0.891	NS	NS
Cadmium	0.006	ND	ND	ND	0.005	0.005	ND	0.005	NS	NS
Chromium	ND	0.037	0.018	ND	0.011	ND	0.021	ND	NS	NS
Lead	0.425	0.166	0.282	0.215	0.283	1.532	0.319	1.271	NS	NS
Selenium	0.036	ND	0.040	0.034	ND	0.027	0.027	ND	NS	NS

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**SUMMARY OF DETECTED COMPOUNDS IN SOIL**  
**PARKING GARAGE E**  
**YONKERS WATERFRONT**  
**NEW YORK, CONNECTICUT**

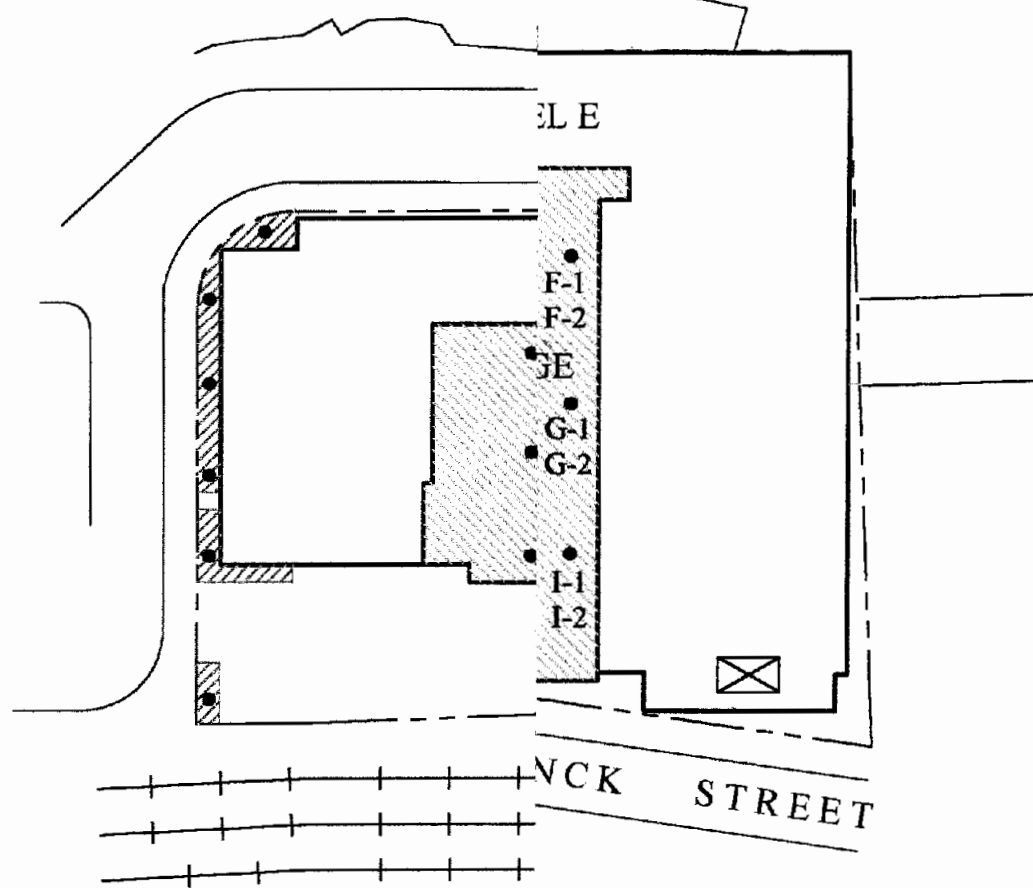
Compound/Location (mg/kg)	F-1	F-2	G-1	G-2	H-1	H-2	I-1	I-2	NYSDEC RSCO	Eastern USA Background
Polynuclear Aromatics										
Acenaphthene	0.49	ND	ND	ND	ND	ND	0.21	ND	50.0	NS
Acenaphthylene	0.27	0.24	ND	ND	ND	ND	0.16	0.12	41.0	NS
Anthracene	2.9	0.38	0.42	0.96	0.48	0.49	0.58	0.39	50.0	NS
Benzo[a]anthracene	2.8	1.1	1.2	1.8	1.3	1.3	1.2	0.98	0.224 or MDL	NS
Benzo[a]pyrene	2.8	1.4	1.4	1.8	1.5	1.5	1.4	1.2	0.061 or MDL	NS
Benzo[b]fluoranthene	3.1	2.0	1.8	2.0	1.6	2.0	1.7	1.5	1.1	NS
Benzo[g,h,i]perylene	1.7	1.2	1.0	1.1	0.97	1.0	0.84	0.76	50.0	NS
Benzo[k]fluoranthene	1.2	0.51	0.5	0.87	0.76	0.57	0.53	0.41	1.1	NS
Chrysene	2.8	1.2	1.2	1.7	1.2	1.4	1.2	1.0	0.4	NS
Dibenzo(a,h)anthracene	0.5	0.31	0.36	ND	0.31	0.27	0.25	0.23	0.014 or MDL	NS
Flouranthrene	6.3	1.9	2.5	4.8	2.7	2.8	2.7	2.1	50.0	NS
Fluorene	0.84	ND	ND	0.54	ND	ND	0.22	0.081	50.0	NS
Indeno[1,2,3-cd]pyrene	1.6	1.1	0.93	1.1	0.96	1.0	0.85	0.75	3.2	NS
Naphthalene	0.42	ND	ND	ND	ND	ND	ND	ND	13.0	NS
Phenanthrene	5.0	0.85	1.1	3.2	1.3	1.5	2.0	1.0	50.0	NS
Pyrene	5.1	1.8	2.2	3.9	2.3	2.4	2.3	1.7	50.0	NS

Notes:

- mg/kg - milligrams/kilograms
- mg/l - milligrams/liter
- NA - Not Available
- ND - Not detected above method detection limit
- NS - No Standard
- SB - Site Background
- MDL - Method detection limit
- NYSDEC RSCO - New York State Department of Environmental Conservation Recommended Soil Clean-up Objective

\* - Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.





SITE LOCATED AT  
 APPROXIMATE SCALE: 1" = 100'

**AER** ADVANCED ENVIRONMENTAL REDEVELOPMENT, LLC  
 904 MADISON AVENUE - SUITE 213  
 BRIDGEPORT, CONNECTICUT 06606

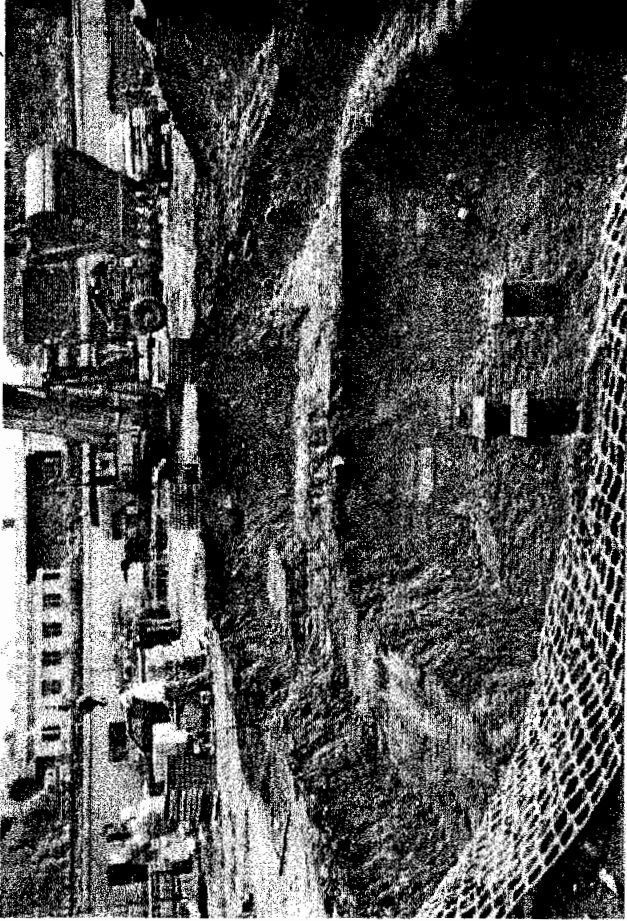
PARCELS E & F  
 YONKERS, NEW YORK  
 SOIL SAMPLING LOCATIONS

DRAWN BY:	JJS
APPROVED BY:	CK
REVISION DATE:	12/9/02
FILE No.	0214-1C
DATE CREATED	6/1/402
SCALE	AS SHOWN
PROJECT No.	0214
FIGURE No.	1



- OF SOIL SAMPLE COLLECTED 10 FEET BELOW NATIVE SOIL
- OF SOIL SAMPLE COLLECTED 2 FEET BELOW IMPORTED FILL
- ▭ OF PROPOSED LANDSCAPED AREA
- ▭ AREA OF CURRENTLY NON-EXISTENT WHERE A PARKING GARAGE WILL BE
- ▭ OF FORMER UNDERGROUND TANK
- ▭ OF PROPERTY LINE

**SAMPLING LOCATIONS  
Parcels E, Yonkers, New York**



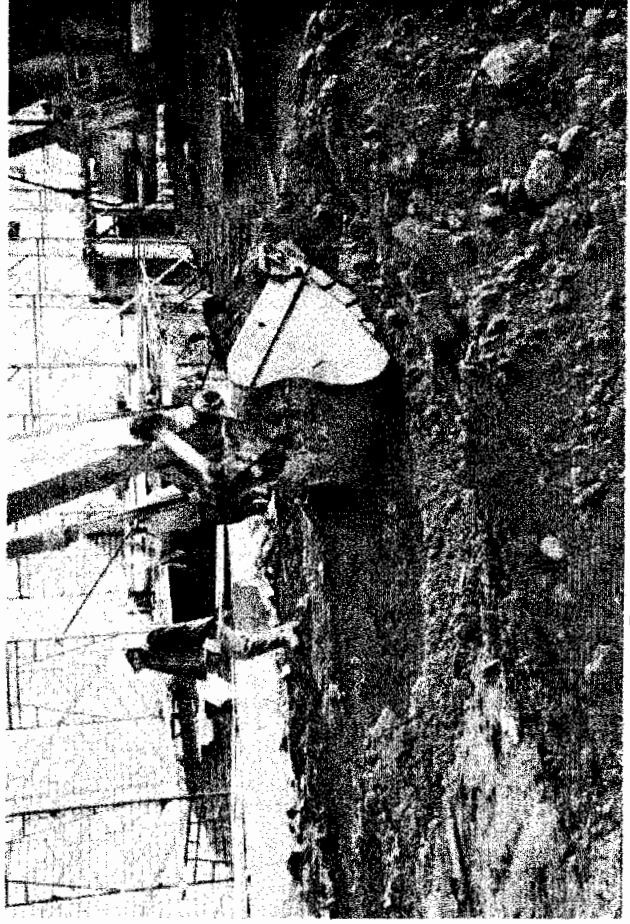
Sampling location B-1 and B-2



Sampling location G-1 and G-2



Sampling location C-1 and C-2



Sampling location F-1 and F2

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**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers  
**Lab Order:** 0210144

**Work Order Sample Summary**

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
0210144-01A	A-1		10/30/2002	10/31/2002
0210144-02A	A-2		10/30/2002	10/31/2002
0210144-03A	B-1		10/30/2002	10/31/2002
0210144-04A	B-2		10/30/2002	10/31/2002
0210144-05A	C-1		10/30/2002	10/31/2002
0210144-06A	C-2		10/30/2002	10/31/2002
0210144-07A	D-2		10/30/2002	10/31/2002
0210144-08A	E-2		10/30/2002	10/31/2002

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

**Lab ID:** 0210144-01

**Collection Date:** 10/30/2002

**Client Sample ID:** A-1

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>						
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>						
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>						
Aluminum	327	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Antimony	< 0.0250	0.0250		mg/Kg	1	11/4/2002 10:32:36 AM
Arsenic	0.140	0.0250		mg/Kg	1	11/4/2002 10:32:36 AM
Barium	3.01	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Beryllium	< 0.0200	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Cadmium	0.0061	0.0100	J	mg/Kg	1	11/4/2002 10:32:36 AM
Calcium	1470	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Chromium	0.674	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Cobalt	0.384	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Copper	1.17	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Iron	644	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Lead	2.22	0.0150		mg/Kg	1	11/4/2002 10:32:36 AM
Magnesium	305	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Manganese	7.32	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Nickel	0.570	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Potassium	148	0.0700		mg/Kg	1	11/4/2002 10:32:36 AM
Selenium	< 0.0250	0.0250		mg/Kg	1	11/4/2002 10:32:36 AM
Silver	< 0.0200	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Sodium	17.5	0.0300		mg/Kg	1	11/4/2002 10:32:36 AM
Thallium	< 0.0150	0.0150		mg/Kg	1	11/4/2002 10:32:36 AM
Vanadium	1.05	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
Zinc	3.33	0.0200		mg/Kg	1	11/4/2002 10:32:36 AM
<b>TCLP METALS</b>						
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	0.932	1.00	J	mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.075	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						
Acenaphthene	< 160	160		µg/Kg	4	11/2/2002 2:00:00 AM
Acenaphthylene	210	160		µg/Kg	4	11/2/2002 2:00:00 AM
Anthracene	190	160		µg/Kg	4	11/2/2002 2:00:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

SEMIVOLATILES SW-846 8270(PAH)		SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	660	160	µg/Kg	4 11/2/2002 2:00:00 AM
Benzo(a)pyrene	750	160	µg/Kg	4 11/2/2002 2:00:00 AM
Benzo(b)fluoranthene	940	160	µg/Kg	4 11/2/2002 2:00:00 AM
Benzo(g,h,i)perylene	570	160	µg/Kg	4 11/2/2002 2:00:00 AM
Benzo(k)fluoranthene	430	160	µg/Kg	4 11/2/2002 2:00:00 AM
Chrysene	810	160	µg/Kg	4 11/2/2002 2:00:00 AM
Dibenzo(a,h)anthracene	170	160	µg/Kg	4 11/2/2002 2:00:00 AM
Fluoranthene	1500	160	µg/Kg	4 11/2/2002 2:00:00 AM
Fluorene	< 160	160	µg/Kg	4 11/2/2002 2:00:00 AM
Indeno(1,2,3-c,d)pyrene	490	160	µg/Kg	4 11/2/2002 2:00:00 AM
Naphthalene	< 160	160	µg/Kg	4 11/2/2002 2:00:00 AM
Phenanthrene	740	160	µg/Kg	4 11/2/2002 2:00:00 AM
Pyrene	1300	160	µg/Kg	4 11/2/2002 2:00:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

**Lab ID:** 0210144-02

**Collection Date:** 10/30/2002

**Client Sample ID:** A-2

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		<b>Analyst: JP</b>		
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>		<b>Analyst: JP</b>		
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		<b>Analyst: JP</b>		
Aluminum	190	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Antimony	< 0.0250	0.0250		mg/Kg	1	11/4/2002 10:35:18 AM
Arsenic	0.208	0.0250		mg/Kg	1	11/4/2002 10:35:18 AM
Barium	2.32	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Beryllium	< 0.0200	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Cadmium	0.0103	0.0100		mg/Kg	1	11/4/2002 10:35:18 AM
Calcium	625	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Chromium	0.288	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Cobalt	0.338	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Copper	3.11	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Iron	540	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Lead	7.75	0.0150		mg/Kg	1	11/4/2002 10:35:18 AM
Magnesium	170	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Manganese	6.70	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Nickel	0.479	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Potassium	49.2	0.0700		mg/Kg	1	11/4/2002 10:35:18 AM
Selenium	< 0.0250	0.0250		mg/Kg	1	11/4/2002 10:35:18 AM
Silver	< 0.0200	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Sodium	19.8	0.0300		mg/Kg	1	11/4/2002 10:35:18 AM
Thallium	< 0.0150	0.0150		mg/Kg	1	11/4/2002 10:35:18 AM
Vanadium	0.757	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
Zinc	6.28	0.0200		mg/Kg	1	11/4/2002 10:35:18 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>		<b>Analyst: JP</b>		
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	0.828	1.00	J	mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.367	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		<b>Analyst: RN</b>		
Acenaphthene	< 80	80		µg/Kg	2	11/2/2002 1:25:00 AM
Acenaphthylene	790	80		µg/Kg	2	11/2/2002 1:25:00 AM
Anthracene	560	80		µg/Kg	2	11/2/2002 1:25:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

SEMIVOLATILES SW-846 8270(PAH)		SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	1100	80	µg/Kg 2	11/2/2002 1:25:00 AM
Benzo(a)pyrene	1900	80	µg/Kg 2	11/2/2002 1:25:00 AM
Benzo(b)fluoranthene	2200	80	µg/Kg 2	11/2/2002 1:25:00 AM
Benzo(g,h,i)perylene	1500	80	µg/Kg 2	11/2/2002 1:25:00 AM
Benzo(k)fluoranthene	800	80	µg/Kg 2	11/2/2002 1:25:00 AM
Chrysene	1400	80	µg/Kg 2	11/2/2002 1:25:00 AM
Dibenzo(a,h)anthracene	430	80	µg/Kg 2	11/2/2002 1:25:00 AM
Fluoranthene	1500	80	µg/Kg 2	11/2/2002 1:25:00 AM
Fluorene	110	80	µg/Kg 2	11/2/2002 1:25:00 AM
Indeno(1,2,3-c,d)pyrene	1400	80	µg/Kg 2	11/2/2002 1:25:00 AM
Naphthalene	110	80	µg/Kg 2	11/2/2002 1:25:00 AM
Phenanthrene	760	80	µg/Kg 2	11/2/2002 1:25:00 AM
Pyrene	1600	80	µg/Kg 2	11/2/2002 1:25:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

**Lab ID:** 0210144-03

**Collection Date:** 10/30/2002

**Client Sample ID:** B-1

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>		Analyst: JP		
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	342	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Antimony	< 0.0250	0.0250		mg/Kg	1	11/4/2002 10:38:16 AM
Arsenic	0.132	0.0250		mg/Kg	1	11/4/2002 10:38:16 AM
Barium	3.31	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Beryllium	< 0.0200	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Cadmium	0.0109	0.0100		mg/Kg	1	11/4/2002 10:38:16 AM
Calcium	902	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Chromium	0.661	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Cobalt	0.384	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Copper	1.63	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Iron	600	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Lead	4.74	0.0150		mg/Kg	1	11/4/2002 10:38:16 AM
Magnesium	293	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Manganese	8.83	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Nickel	0.568	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Potassium	119	0.0700		mg/Kg	1	11/4/2002 10:38:16 AM
Selenium	< 0.0250	0.0250		mg/Kg	1	11/4/2002 10:38:16 AM
Silver	< 0.0200	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Sodium	18.1	0.0300		mg/Kg	1	11/4/2002 10:38:16 AM
Thallium	< 0.0150	0.0150		mg/Kg	1	11/4/2002 10:38:16 AM
Vanadium	1.03	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
Zinc	5.00	0.0200		mg/Kg	1	11/4/2002 10:38:16 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>		Analyst: JP		
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	0.974	1.00	J	mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.824	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	160	80		µg/Kg	2	11/2/2002 2:36:00 AM
Acenaphthylene	250	80		µg/Kg	2	11/2/2002 2:36:00 AM
Anthracene	550	80		µg/Kg	2	11/2/2002 2:36:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

SEMIVOLATILES SW-846 8270(PAH)		SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	1300	80	µg/Kg 2	11/2/2002 2:36:00 AM
Benzo(a)pyrene	1500	80	µg/Kg 2	11/2/2002 2:36:00 AM
Benzo(b)fluoranthene	1700	80	µg/Kg 2	11/2/2002 2:36:00 AM
Benzo(g,h,i)perylene	990	80	µg/Kg 2	11/2/2002 2:36:00 AM
Benzo(k)fluoranthene	730	80	µg/Kg 2	11/2/2002 2:36:00 AM
Chrysene	1500	80	µg/Kg 2	11/2/2002 2:36:00 AM
Dibenzo(a,h)anthracene	300	80	µg/Kg 2	11/2/2002 2:36:00 AM
Fluoranthene	2400	80	µg/Kg 2	11/2/2002 2:36:00 AM
Fluorene	190	80	µg/Kg 2	11/2/2002 2:36:00 AM
Indeno(1,2,3-c,d)pyrene	890	80	µg/Kg 2	11/2/2002 2:36:00 AM
Naphthalene	100	80	µg/Kg 2	11/2/2002 2:36:00 AM
Phenanthrene	1500	80	µg/Kg 2	11/2/2002 2:36:00 AM
Pyrene	2300	80	µg/Kg 2	11/2/2002 2:36:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

**Lab ID:** 0210144-04

**Collection Date:** 10/30/2002

**Client Sample ID:** B-2

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>		Analyst: JP		
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	5710	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Antimony	< 0.466	0.466		mg/Kg	1	11/4/2002 10:41:55 AM
Arsenic	4.34	0.466		mg/Kg	1	11/4/2002 10:41:55 AM
Barium	67.2	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Beryllium	< 0.373	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Cadmium	0.224	0.187		mg/Kg	1	11/4/2002 10:41:55 AM
Calcium	14800	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Chromium	13.9	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Cobalt	7.65	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Copper	34.9	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Iron	13900	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Lead	182	0.280		mg/Kg	1	11/4/2002 10:41:55 AM
Magnesium	5290	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Manganese	161	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Nickel	11.1	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Potassium	1650	1.31		mg/Kg	1	11/4/2002 10:41:55 AM
Selenium	0.497	0.466		mg/Kg	1	11/4/2002 10:41:55 AM
Silver	< 0.373	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Sodium	330	0.560		mg/Kg	1	11/4/2002 10:41:55 AM
Thallium	< 0.280	0.280		mg/Kg	1	11/4/2002 10:41:55 AM
Vanadium	16.6	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
Zinc	106	0.373		mg/Kg	1	11/4/2002 10:41:55 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>		Analyst: JP		
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	0.941	1.00	J	mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.077	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	410	120		µg/Kg	3	11/2/2002 3:19:00 AM
Acenaphthylene	390	120		µg/Kg	3	11/2/2002 3:19:00 AM
Anthracene	1300	120		µg/Kg	3	11/2/2002 3:19:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

SEMIVOLATILES SW-846 8270(PAH)		SW8270D	(SW3550A)		Analyst: RN
Benzo(a)anthracene	5200	120	µg/Kg	3	11/2/2002 3:19:00 AM
Benzo(a)pyrene	6200	120	µg/Kg	3	11/2/2002 3:19:00 AM
Benzo(b)fluoranthene	7400	120	µg/Kg	3	11/2/2002 3:19:00 AM
Benzo(g,h,i)perylene	3900	120	µg/Kg	3	11/2/2002 3:19:00 AM
Benzo(k)fluoranthene	2500	120	µg/Kg	3	11/2/2002 3:19:00 AM
Chrysene	5300	120	µg/Kg	3	11/2/2002 3:19:00 AM
Dibenzo(a,h)anthracene	1200	120	µg/Kg	3	11/2/2002 3:19:00 AM
Fluoranthene	8300	120	µg/Kg	3	11/2/2002 3:19:00 AM
Fluorene	350	120	µg/Kg	3	11/2/2002 3:19:00 AM
Indeno(1,2,3-c,d)pyrene	3700	120	µg/Kg	3	11/2/2002 3:19:00 AM
Naphthalene	< 120	120	µg/Kg	3	11/2/2002 3:19:00 AM
Phenanthrene	4100	120	µg/Kg	3	11/2/2002 3:19:00 AM
Pyrene	7900	120	µg/Kg	3	11/2/2002 3:19:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

Lab ID: 0210144-05

Collection Date: 10/30/2002

Client Sample ID: C-1

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>		Analyst: JP		
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	6940	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Antimony	< 0.440	0.440		mg/Kg	1	11/4/2002 10:44:54 AM
Arsenic	2.17	0.440		mg/Kg	1	11/4/2002 10:44:54 AM
Barium	49.1	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Beryllium	< 0.352	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Cadmium	0.11	0.176	J	mg/Kg	1	11/4/2002 10:44:54 AM
Calcium	15200	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Chromium	13.1	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Cobalt	7.87	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Copper	27.5	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Iron	12600	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Lead	66.8	0.264		mg/Kg	1	11/4/2002 10:44:54 AM
Magnesium	4160	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Manganese	158	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Nickel	10.7	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Potassium	2020	1.23		mg/Kg	1	11/4/2002 10:44:54 AM
Selenium	< 0.440	0.440		mg/Kg	1	11/4/2002 10:44:54 AM
Silver	< 0.352	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Sodium	432	0.528		mg/Kg	1	11/4/2002 10:44:54 AM
Thallium	< 0.264	0.264		mg/Kg	1	11/4/2002 10:44:54 AM
Vanadium	22.5	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
Zinc	45.6	0.352		mg/Kg	1	11/4/2002 10:44:54 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>		Analyst: JP		
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	0.941	1.00	J	mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.080	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	84	80		µg/Kg	2	11/2/2002 3:54:00 AM
Acenaphthylene	220	80		µg/Kg	2	11/2/2002 3:54:00 AM
Anthracene	390	80		µg/Kg	2	11/2/2002 3:54:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

SEMIVOLATILES SW-846 8270(PAH)		SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	970	80	µg/Kg	2 11/2/2002 3:54:00 AM
Benzo(a)pyrene	1100	80	µg/Kg	2 11/2/2002 3:54:00 AM
Benzo(b)fluoranthene	1300	80	µg/Kg	2 11/2/2002 3:54:00 AM
Benzo(g,h,i)perylene	730	80	µg/Kg	2 11/2/2002 3:54:00 AM
Benzo(k)fluoranthene	470	80	µg/Kg	2 11/2/2002 3:54:00 AM
Chrysene	1000	80	µg/Kg	2 11/2/2002 3:54:00 AM
Dibenzo(a,h)anthracene	220	80	µg/Kg	2 11/2/2002 3:54:00 AM
Fluoranthene	1600	80	µg/Kg	2 11/2/2002 3:54:00 AM
Fluorene	140	80	µg/Kg	2 11/2/2002 3:54:00 AM
Indeno(1,2,3-c,d)pyrene	660	80	µg/Kg	2 11/2/2002 3:54:00 AM
Naphthalene	< 80	80	µg/Kg	2 11/2/2002 3:54:00 AM
Phenanthrene	1000	80	µg/Kg	2 11/2/2002 3:54:00 AM
Pyrene	1700	80	µg/Kg	2 11/2/2002 3:54:00 AM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

**Lab ID:** 0210144-06

**Collection Date:** 10/30/2002

**Client Sample ID:** C-2

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>		Analyst: JP		
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	7200	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Antimony	< 0.465	0.465		mg/Kg	1	11/4/2002 10:54:56 AM
Arsenic	3.13	0.465		mg/Kg	1	11/4/2002 10:54:56 AM
Barium	65.0	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Beryllium	< 0.372	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Cadmium	0.16	0.186	J	mg/Kg	1	11/4/2002 10:54:56 AM
Calcium	23000	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Chromium	14.2	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Cobalt	8.06	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Copper	27.8	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Iron	13000	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Lead	88.7	0.279		mg/Kg	1	11/4/2002 10:54:56 AM
Magnesium	6270	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Manganese	154	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Nickel	11.8	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Potassium	2770	1.30		mg/Kg	1	11/4/2002 10:54:56 AM
Selenium	< 0.465	0.465		mg/Kg	1	11/4/2002 10:54:56 AM
Silver	< 0.372	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Sodium	340	0.558		mg/Kg	1	11/4/2002 10:54:56 AM
Thallium	< 0.279	0.279		mg/Kg	1	11/4/2002 10:54:56 AM
Vanadium	21.1	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
Zinc	68.4	0.372		mg/Kg	1	11/4/2002 10:54:56 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>		Analyst: JP		
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	1.004	1.00		mg/L	1	11/4/2002
Cadmium	0.010	0.0500	J	mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	4.464	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	220	80		µg/Kg	2	11/2/2002 4:30:00 AM
Acenaphthylene	250	80		µg/Kg	2	11/2/2002 4:30:00 AM
Anthracene	630	80		µg/Kg	2	11/2/2002 4:30:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

SEMIVOLATILES SW-846 8270(PAH)	SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	1500	80 µg/Kg	2 11/2/2002 4:30:00 AM
Benzo(a)pyrene	1600	80 µg/Kg	2 11/2/2002 4:30:00 AM
Benzo(b)fluoranthene	1800	80 µg/Kg	2 11/2/2002 4:30:00 AM
Benzo(g,h,i)perylene	1100	80 µg/Kg	2 11/2/2002 4:30:00 AM
Benzo(k)fluoranthene	840	80 µg/Kg	2 11/2/2002 4:30:00 AM
Chrysene	1600	80 µg/Kg	2 11/2/2002 4:30:00 AM
Dibenzo(a,h)anthracene	330	80 µg/Kg	2 11/2/2002 4:30:00 AM
Fluoranthene	2800	80 µg/Kg	2 11/2/2002 4:30:00 AM
Fluorene	230	80 µg/Kg	2 11/2/2002 4:30:00 AM
Indeno(1,2,3-c,d)pyrene	920	80 µg/Kg	2 11/2/2002 4:30:00 AM
Naphthalene	83	80 µg/Kg	2 11/2/2002 4:30:00 AM
Phenanthrene	1800	80 µg/Kg	2 11/2/2002 4:30:00 AM
Pyrene	2600	80 µg/Kg	2 11/2/2002 4:30:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

Lab ID: 0210144-07

Collection Date: 10/30/2002

Client Sample ID: D-2

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>				Analyst: JP
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>				Analyst: JP
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>				Analyst: JP
Aluminum	5390	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Antimony	< 0.450	0.450		mg/Kg	1	11/4/2002 10:57:04 AM
Arsenic	4.95	0.450		mg/Kg	1	11/4/2002 10:57:04 AM
Barium	69.8	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Beryllium	< 0.360	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Cadmium	0.17	0.180	J	mg/Kg	1	11/4/2002 10:57:04 AM
Calcium	12700	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Chromium	10.0	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Cobalt	6.57	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Copper	39.8	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Iron	9970	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Lead	200	0.270		mg/Kg	1	11/4/2002 10:57:04 AM
Magnesium	4070	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Manganese	140	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Nickel	9.18	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Potassium	1540	1.26		mg/Kg	1	11/4/2002 10:57:04 AM
Selenium	< 0.450	0.450		mg/Kg	1	11/4/2002 10:57:04 AM
Silver	153	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Sodium	325	0.540		mg/Kg	1	11/4/2002 10:57:04 AM
Thallium	< 0.270	0.270		mg/Kg	1	11/4/2002 10:57:04 AM
Vanadium	16.0	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
Zinc	85.9	0.360		mg/Kg	1	11/4/2002 10:57:04 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>				Analyst: JP
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	0.994	1.00	J	mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.271	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>				Analyst: RN
Acenaphthene	83	80		µg/Kg	2	11/2/2002 5:13:00 AM
Acenaphthylene	120	80		µg/Kg	2	11/2/2002 5:13:00 AM
Anthracene	240	80		µg/Kg	2	11/2/2002 5:13:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

SEMIVOLATILES SW-846 8270(PAH)	SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	560	80 µg/Kg	2 11/2/2002 5:13:00 AM
Benzo(a)pyrene	630	80 µg/Kg	2 11/2/2002 5:13:00 AM
Benzo(b)fluoranthene	750	80 µg/Kg	2 11/2/2002 5:13:00 AM
Benzo(g,h,i)perylene	420	80 µg/Kg	2 11/2/2002 5:13:00 AM
Benzo(k)fluoranthene	270	80 µg/Kg	2 11/2/2002 5:13:00 AM
Chrysene	620	80 µg/Kg	2 11/2/2002 5:13:00 AM
Dibenzo(a,h)anthracene	130	80 µg/Kg	2 11/2/2002 5:13:00 AM
Fluoranthene	1100	80 µg/Kg	2 11/2/2002 5:13:00 AM
Fluorene	< 80	80 µg/Kg	2 11/2/2002 5:13:00 AM
Indeno(1,2,3-c,d)pyrene	360	80 µg/Kg	2 11/2/2002 5:13:00 AM
Naphthalene	< 80	80 µg/Kg	2 11/2/2002 5:13:00 AM
Phenanthrene	660	80 µg/Kg	2 11/2/2002 5:13:00 AM
Pyrene	1100	80 µg/Kg	2 11/2/2002 5:13:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers

**Lab Order:** 0210144

**Lab ID:** 0210144-08

**Collection Date:** 10/30/2002

**Client Sample ID:** E-2

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	< 0.0500	0.0500		mg/Kg	1	11/1/2002
<b>TCLP MERCURY</b>		<b>SW1311/7471B (SW1311)</b>		Analyst: JP		
Mercury	< 0.0200	0.0200		mg/L	1	11/1/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	7340	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Antimony	< 0.460	0.460		mg/Kg	1	11/4/2002 10:59:19 AM
Arsenic	2.89	0.460		mg/Kg	1	11/4/2002 10:59:19 AM
Barium	72.4	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Beryllium	< 0.368	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Cadmium	0.13	0.184	J	mg/Kg	1	11/4/2002 10:59:19 AM
Calcium	18000	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Chromium	15.8	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Cobalt	8.33	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Copper	28.7	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Iron	13500	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Lead	106	0.276		mg/Kg	1	11/4/2002 10:59:19 AM
Magnesium	5600	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Manganese	138	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Nickel	12.9	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Potassium	2920	1.29		mg/Kg	1	11/4/2002 10:59:19 AM
Selenium	< 0.460	0.460		mg/Kg	1	11/4/2002 10:59:19 AM
Silver	< 0.368	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Sodium	250	0.551		mg/Kg	1	11/4/2002 10:59:19 AM
Thallium	< 0.276	0.276		mg/Kg	1	11/4/2002 10:59:19 AM
Vanadium	20.8	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
Zinc	67.5	0.368		mg/Kg	1	11/4/2002 10:59:19 AM
<b>TCLP METALS</b>		<b>SW1311/6010B (SW1311)</b>		Analyst: JP		
Arsenic	< 0.0500	0.0500		mg/L	1	11/4/2002
Barium	1.032	1.00		mg/L	1	11/4/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/4/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/4/2002
Lead	0.342	0.0500		mg/L	1	11/4/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/4/2002
Silver	< 0.0500	0.0500		mg/L	1	11/4/2002
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	160	80		µg/Kg	2	11/2/2002 5:48:00 AM
Acenaphthylene	150	80		µg/Kg	2	11/2/2002 5:48:00 AM
Anthracene	480	80		µg/Kg	2	11/2/2002 5:48:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 06-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Project: Yonkers

Lab Order: 0210144

SEMIVOLATILES SW-846 8270(PAH)	SW8270D	(SW3550A)	Analyst: RN
Benzo(a)anthracene	1000	80 µg/Kg	2 11/2/2002 5:48:00 AM
Benzo(a)pyrene	1100	80 µg/Kg	2 11/2/2002 5:48:00 AM
Benzo(b)fluoranthene	1200	80 µg/Kg	2 11/2/2002 5:48:00 AM
Benzo(g,h,i)perylene	680	80 µg/Kg	2 11/2/2002 5:48:00 AM
Benzo(k)fluoranthene	550	80 µg/Kg	2 11/2/2002 5:48:00 AM
Chrysene	1000	80 µg/Kg	2 11/2/2002 5:48:00 AM
Dibenzo(a,h)anthracene	220	80 µg/Kg	2 11/2/2002 5:48:00 AM
Fluoranthene	2000	80 µg/Kg	2 11/2/2002 5:48:00 AM
Fluorene	180	80 µg/Kg	2 11/2/2002 5:48:00 AM
Indeno(1,2,3-c,d)pyrene	610	80 µg/Kg	2 11/2/2002 5:48:00 AM
Naphthalene	92	80 µg/Kg	2 11/2/2002 5:48:00 AM
Phenanthrene	1400	80 µg/Kg	2 11/2/2002 5:48:00 AM
Pyrene	1800	80 µg/Kg	2 11/2/2002 5:48:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



NYSDOH ELAP 11418  
AIHA PAT, LPAT 15668  
CTDOH PH-0205

56 TOLEDO STREET • FARMINGDALE, NY 11735 • (516) 454-6100 • FAX (516) 454-8027

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: **A.E.R.**  
 CONTACT: **TODD SNOWDEN**  
 904 MADISON AVE., BRIDGEPORT, CT 06606 (203-338-2967)

SAMPLER (SIGNATURE): *Todd Snowden* DATE: **10/30** SAMPLE(S) SEALED: **YES** / NO  
 SAMPLER NAME (PRINT): **TODD SNOWDEN** CORRECT CONTAINER(S): **YES** / NO

PROJECT LOCATION: **Yonkers**

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	ANALYSIS REQUIRED	DATE	TIME	P.O.#	
<del>#1</del>	S	G		A-1	X	02	10	144	01A
<del>#2</del>				A-2	X	02	10	144	02A
				B-1	X	02	10	144	03A
				B-2	X	02	10	144	04A
				C-1	X	02	10	144	05A
				C-2	X	02	10	144	06A
				D-2	X	02	10	144	07A
				E-2	X	02	10	144	08A

MATRIX S=SOIL, L=LIQUID, SL=SLUDGE, A=AIR, W=WIPE, P=PAINT CHIPS, B=BULK MATERIAL  
 TYPE G=GRAB, C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:  NORMAL  STAT  BY  /  /

REINQUISHED BY (SIGNATURE): *Todd Snowden* DATE: **10/30** TIME: **11:35** PRINTED NAME: **TODD SNOWDEN**

RECEIVED BY LAB (SIGNATURE): *[Signature]* DATE: **10/31** TIME: **02** PRINTED NAME: **J. GRAY**

REINQUISHED BY (SIGNATURE): *[Signature]* DATE: **10/31** TIME: **11:35** PRINTED NAME: **J. GRAY**

November 14, 2002

Todd Snowder  
Advanced Environmental Redevelopment  
904 Madison Avenue  
Room 213  
Bridgeport, CT 06606  
TEL: (203) 333-9600  
FAX (203) 333-4770

RE: Yonkers

Order No.: 0211024

Dear Todd Snowder:

American Analytical Laboratories, Inc. received 4 samples on 11/6/2002 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Lori Beyer  
Lab Director

---

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers  
**Lab Order:** 0211024

**Work Order Sample Summary**

---

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
0211024-01A	F-1		11/5/2002	11/6/2002
0211024-01B	F-1		11/5/2002	11/6/2002
0211024-02A	F-2		11/5/2002	11/6/2002
0211024-02B	F-2		11/5/2002	11/6/2002
0211024-03A	G-1		11/5/2002	11/6/2002
0211024-03B	G-1		11/5/2002	11/6/2002
0211024-04A	G-2		11/5/2002	11/6/2002
0211024-04B	G-2		11/5/2002	11/6/2002

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-01A

**Client Sample ID:** F-1  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	0.637	0.0500		mg/Kg	1	11/13/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	6940	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Antimony	< 0.472	0.472		mg/Kg	1	11/13/2002 12:25:32 PM
Arsenic	4.01	0.472		mg/Kg	1	11/13/2002 12:25:32 PM
Barium	79.7	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Beryllium	< 0.377	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Cadmium	0.335	0.189		mg/Kg	1	11/13/2002 12:25:32 PM
Calcium	15200	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Chromium	13.1	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Cobalt	8.19	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Copper	40.9	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Iron	13000	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Lead	265	0.283		mg/Kg	1	11/13/2002 12:25:32 PM
Magnesium	4710	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Manganese	174	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Nickel	15.6	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Potassium	2340	1.32		mg/Kg	1	11/13/2002 12:25:32 PM
Selenium	< 0.472	0.472		mg/Kg	1	11/13/2002 12:25:32 PM
Silver	< 0.377	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Sodium	361	0.566		mg/Kg	1	11/13/2002 12:25:32 PM
Thallium	< 0.283	0.283		mg/Kg	1	11/13/2002 12:25:32 PM
Vanadium	21.8	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
Zinc	88.1	0.377		mg/Kg	1	11/13/2002 12:25:32 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	490	200		µg/Kg	5	11/7/2002 3:14:00 PM
Acenaphthylene	270	200		µg/Kg	5	11/7/2002 3:14:00 PM
Anthracene	2900	200		µg/Kg	5	11/7/2002 3:14:00 PM
Benzo(a)anthracene	2800	200		µg/Kg	5	11/7/2002 3:14:00 PM
Benzo(a)pyrene	2800	200		µg/Kg	5	11/7/2002 3:14:00 PM
Benzo(b)fluoranthene	3100	200		µg/Kg	5	11/7/2002 3:14:00 PM
Benzo(g,h,i)perylene	1700	200		µg/Kg	5	11/7/2002 3:14:00 PM
Benzo(k)fluoranthene	1200	200		µg/Kg	5	11/7/2002 3:14:00 PM
Chrysene	2800	200		µg/Kg	5	11/7/2002 3:14:00 PM
Dibenzo(a,h)anthracene	500	200		µg/Kg	5	11/7/2002 3:14:00 PM
Fluoranthene	6300	200		µg/Kg	5	11/7/2002 3:14:00 PM
Fluorene	840	200		µg/Kg	5	11/7/2002 3:14:00 PM
Indeno(1,2,3-c,d)pyrene	1600	200		µg/Kg	5	11/7/2002 3:14:00 PM
Naphthalene	420	200		µg/Kg	5	11/7/2002 3:14:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-01A

**Client Sample ID:** F-1  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	5000	200		µg/Kg	5	11/7/2002 3:14:00 PM
Pyrene	5100	200		µg/Kg	5	11/7/2002 3:14:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range



**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-01B

**Client Sample ID:** F-1  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		<b>Analyst: JP</b>
Mercury	< 0.0200	0.0200		mg/L	1	11/7/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		<b>Analyst: JP</b>
Arsenic	< 0.0500	0.0500		mg/L	1	11/7/2002
Barium	0.970	1.00	J	mg/L	1	11/7/2002
Cadmium	0.006	0.0500	J	mg/L	1	11/7/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/7/2002
Lead	0.425	0.0500		mg/L	1	11/7/2002
Selenium	0.036	0.0500	J	mg/L	1	11/7/2002
Silver	< 0.0500	0.0500		mg/L	1	11/7/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-02A

**Client Sample ID:** F-2  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	0.333	0.0500		mg/Kg	1	11/13/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	4570	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Antimony	< 0.450	0.450		mg/Kg	1	11/13/2002 12:27:46 PM
Arsenic	3.97	0.450		mg/Kg	1	11/13/2002 12:27:46 PM
Barium	49.3	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Beryllium	< 0.360	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Cadmium	0.15	0.180	J	mg/Kg	1	11/13/2002 12:27:46 PM
Calcium	10900	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Chromium	19.7	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Cobalt	7.15	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Copper	36.5	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Iron	10000	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Lead	81.5	0.270		mg/Kg	1	11/13/2002 12:27:46 PM
Magnesium	4010	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Manganese	103	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Nickel	9.06	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Potassium	1360	1.26		mg/Kg	1	11/13/2002 12:27:46 PM
Selenium	0.527	0.450		mg/Kg	1	11/13/2002 12:27:46 PM
Silver	< 0.360	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Sodium	354	0.540		mg/Kg	1	11/13/2002 12:27:46 PM
Thallium	< 0.270	0.270		mg/Kg	1	11/13/2002 12:27:46 PM
Vanadium	17.9	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
Zinc	71.9	0.360		mg/Kg	1	11/13/2002 12:27:46 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	< 160	160		µg/Kg	4	11/7/2002 3:48:00 PM
Acenaphthylene	240	160		µg/Kg	4	11/7/2002 3:48:00 PM
Anthracene	380	160		µg/Kg	4	11/7/2002 3:48:00 PM
Benzo(a)anthracene	1100	160		µg/Kg	4	11/7/2002 3:48:00 PM
Benzo(a)pyrene	1400	160		µg/Kg	4	11/7/2002 3:48:00 PM
Benzo(b)fluoranthene	2000	160		µg/Kg	4	11/7/2002 3:48:00 PM
Benzo(g,h,i)perylene	1200	160		µg/Kg	4	11/7/2002 3:48:00 PM
Benzo(k)fluoranthene	510	160		µg/Kg	4	11/7/2002 3:48:00 PM
Chrysene	1200	160		µg/Kg	4	11/7/2002 3:48:00 PM
Dibenzo(a,h)anthracene	310	160		µg/Kg	4	11/7/2002 3:48:00 PM
Fluoranthene	1900	160		µg/Kg	4	11/7/2002 3:48:00 PM
Fluorene	< 160	160		µg/Kg	4	11/7/2002 3:48:00 PM
Indeno(1,2,3-c,d)pyrene	1100	160		µg/Kg	4	11/7/2002 3:48:00 PM
Naphthalene	< 160	160		µg/Kg	4	11/7/2002 3:48:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-02A

**Client Sample ID:** F-2  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	850	160		µg/Kg	4	11/7/2002 3:48:00 PM
Pyrene	1800	160		µg/Kg	4	11/7/2002 3:48:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-02B

**Client Sample ID:** F-2  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		<b>Analyst: JP</b>
Mercury	< 0.0200	0.0200		mg/L	1	11/7/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		<b>Analyst: JP</b>
Arsenic	< 0.0500	0.0500		mg/L	1	11/7/2002 2:08:07 PM
Barium	0.733	1.00	J	mg/L	1	11/7/2002 2:08:07 PM
Cadmium	< 0.0500	0.0500		mg/L	1	11/7/2002 2:08:07 PM
Chromium	0.037	0.0500	J	mg/L	1	11/7/2002 2:08:07 PM
Lead	0.166	0.0500		mg/L	1	11/7/2002 2:08:07 PM
Selenium	< 0.0500	0.0500		mg/L	1	11/7/2002 2:08:07 PM
Silver	< 0.0500	0.0500		mg/L	1	11/7/2002 2:08:07 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-03A

**Client Sample ID:** G-1  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>				Analyst: JP
Mercury	0.309	0.0500		mg/Kg	1	11/13/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>				Analyst: JP
Aluminum	8260	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Antimony	< 0.486	0.486		mg/Kg	1	11/13/2002 12:30:01 PM
Arsenic	3.87	0.486		mg/Kg	1	11/13/2002 12:30:01 PM
Barium	86.3	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Beryllium	< 0.389	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Cadmium	0.197	0.195		mg/Kg	1	11/13/2002 12:30:01 PM
Calcium	15500	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Chromium	14.2	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Cobalt	7.46	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Copper	27.9	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Iron	11800	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Lead	69.4	0.292		mg/Kg	1	11/13/2002 12:30:01 PM
Magnesium	4690	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Manganese	149	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Nickel	11.9	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Potassium	2840	1.36		mg/Kg	1	11/13/2002 12:30:01 PM
Selenium	< 0.486	0.486		mg/Kg	1	11/13/2002 12:30:01 PM
Silver	< 0.389	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Sodium	604	0.584		mg/Kg	1	11/13/2002 12:30:01 PM
Thallium	< 0.292	0.292		mg/Kg	1	11/13/2002 12:30:01 PM
Vanadium	20.8	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
Zinc	91.9	0.389		mg/Kg	1	11/13/2002 12:30:01 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>				Analyst: RN
Acenaphthene	< 200	200		µg/Kg	5	11/7/2002 6:13:00 PM
Acenaphthylene	< 200	200		µg/Kg	5	11/7/2002 6:13:00 PM
Anthracene	420	200		µg/Kg	5	11/7/2002 6:13:00 PM
Benzo(a)anthracene	1200	200		µg/Kg	5	11/7/2002 6:13:00 PM
Benzo(a)pyrene	1400	200		µg/Kg	5	11/7/2002 6:13:00 PM
Benzo(b)fluoranthene	1800	200		µg/Kg	5	11/7/2002 6:13:00 PM
Benzo(g,h,i)perylene	1000	200		µg/Kg	5	11/7/2002 6:13:00 PM
Benzo(k)fluoranthene	500	200		µg/Kg	5	11/7/2002 6:13:00 PM
Chrysene	1200	200		µg/Kg	5	11/7/2002 6:13:00 PM
Dibenzo(a,h)anthracene	360	200		µg/Kg	5	11/7/2002 6:13:00 PM
Fluoranthene	2500	200		µg/Kg	5	11/7/2002 6:13:00 PM
Fluorene	< 200	200		µg/Kg	5	11/7/2002 6:13:00 PM
Indeno(1,2,3-c,d)pyrene	930	200		µg/Kg	5	11/7/2002 6:13:00 PM
Naphthalene	< 200	200		µg/Kg	5	11/7/2002 6:13:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-03A

**Client Sample ID:** G-1  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	1100	200		µg/Kg	5	11/7/2002 6:13:00 PM
Pyrene	2200	200		µg/Kg	5	11/7/2002 6:13:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
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**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-03B

**Client Sample ID:** G-1  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		Analyst: JP
Mercury	< 0.0200	0.0200		mg/L	1	11/7/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		Analyst: JP
Arsenic	< 0.0500	0.0500		mg/L	1	11/7/2002 2:10:20 PM
Barium	0.916	1.00	J	mg/L	1	11/7/2002 2:10:20 PM
Cadmium	< 0.0500	0.0500		mg/L	1	11/7/2002 2:10:20 PM
Chromium	0.018	0.0500	J	mg/L	1	11/7/2002 2:10:20 PM
Lead	0.282	0.0500		mg/L	1	11/7/2002 2:10:20 PM
Selenium	0.040	0.0500	J	mg/L	1	11/7/2002 2:10:20 PM
Silver	< 0.0500	0.0500		mg/L	1	11/7/2002 2:10:20 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment      **Client Sample ID:** G-2  
**Lab Order:** 0211024      **Tag Number:**  
**Project:** Yonkers      **Collection Date:** 11/5/2002  
**Lab ID:** 0211024-04A      **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		<b>Analyst: JP</b>		
Mercury	0.144	0.0500		mg/Kg	1	11/13/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		<b>Analyst: JP</b>		
Aluminum	7570	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Antimony	< 0.442	0.442		mg/Kg	1	11/13/2002 12:32:20 PM
Arsenic	3.29	0.442		mg/Kg	1	11/13/2002 12:32:20 PM
Barium	94.3	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Beryllium	< 0.353	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Cadmium	0.17	0.177	J	mg/Kg	1	11/13/2002 12:32:20 PM
Calcium	14700	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Chromium	13.1	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Cobalt	7.71	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Copper	25.4	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Iron	12000	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Lead	60.1	0.265		mg/Kg	1	11/13/2002 12:32:20 PM
Magnesium	4600	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Manganese	169	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Nickel	10.8	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Potassium	2710	1.24		mg/Kg	1	11/13/2002 12:32:20 PM
Selenium	0.38	0.442	J	mg/Kg	1	11/13/2002 12:32:20 PM
Silver	< 0.353	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Sodium	432	0.530		mg/Kg	1	11/13/2002 12:32:20 PM
Thallium	< 0.265	0.265		mg/Kg	1	11/13/2002 12:32:20 PM
Vanadium	19.7	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
Zinc	83.5	0.353		mg/Kg	1	11/13/2002 12:32:20 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		<b>Analyst: RN</b>		
Acenaphthene	< 400	400		µg/Kg	10	11/7/2002 6:46:00 PM
Acenaphthylene	< 400	400		µg/Kg	10	11/7/2002 6:46:00 PM
Anthracene	960	400		µg/Kg	10	11/7/2002 6:46:00 PM
Benzo(a)anthracene	1800	400		µg/Kg	10	11/7/2002 6:46:00 PM
Benzo(a)pyrene	1800	400		µg/Kg	10	11/7/2002 6:46:00 PM
Benzo(b)fluoranthene	2000	400		µg/Kg	10	11/7/2002 6:46:00 PM
Benzo(g,h,i)perylene	1100	400		µg/Kg	10	11/7/2002 6:46:00 PM
Benzo(k)fluoranthene	870	400		µg/Kg	10	11/7/2002 6:46:00 PM
Chrysene	1700	400		µg/Kg	10	11/7/2002 6:46:00 PM
Dibenzo(a,h)anthracene	< 400	400		µg/Kg	10	11/7/2002 6:46:00 PM
Fluoranthene	4800	400		µg/Kg	10	11/7/2002 6:46:00 PM
Fluorene	540	400		µg/Kg	10	11/7/2002 6:46:00 PM
Indeno(1,2,3-c,d)pyrene	1100	400		µg/Kg	10	11/7/2002 6:46:00 PM
Naphthalene	< 400	400		µg/Kg	10	11/7/2002 6:46:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-04A

**Client Sample ID:** G-2  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	3200	400		µg/Kg	10	11/7/2002 6:46:00 PM
Pyrene	3900	400		µg/Kg	10	11/7/2002 6:46:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 14-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211024  
**Project:** Yonkers  
**Lab ID:** 0211024-04B

**Client Sample ID:** G-2  
**Tag Number:**  
**Collection Date:** 11/5/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		Analyst: JP
Mercury	< 0.0200	0.0200		mg/L	1	11/7/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		Analyst: JP
Arsenic	< 0.0500	0.0500		mg/L	1	11/7/2002 2:12:44 PM
Barium	0.873	1.00	J	mg/L	1	11/7/2002 2:12:44 PM
Cadmium	< 0.0500	0.0500		mg/L	1	11/7/2002 2:12:44 PM
Chromium	< 0.0500	0.0500		mg/L	1	11/7/2002 2:12:44 PM
Lead	0.215	0.0500		mg/L	1	11/7/2002 2:12:44 PM
Selenium	0.034	0.0500	J	mg/L	1	11/7/2002 2:12:44 PM
Silver	< 0.0500	0.0500		mg/L	1	11/7/2002 2:12:44 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



November 21, 2002

Chris Kopley  
Advanced Environmental Redevelopment  
904 Madison Avenue  
Room 213  
Bridgeport, CT 06606  
TEL: (203) 333-9600  
FAX (203) 333-4770

RE: Yonkers

Order No.: 0211078

Dear Chris Kopley:

American Analytical Laboratories, Inc. received 6 samples on 11/18/2002 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Lori Beyer  
Lab Director

---

**CLIENT:** Advanced Environmental Redevelopment  
**Project:** Yonkers  
**Lab Order:** 0211078

**Work Order Sample Summary**

---

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
0211078-01A	E-1		11/14/2002	11/18/2002
0211078-01B	E-1		11/14/2002	11/18/2002
0211078-02A	D-1		11/14/2002	11/18/2002
0211078-02B	D-1		11/14/2002	11/18/2002
0211078-03A	H-1		11/14/2002	11/18/2002
0211078-03B	H-1		11/14/2002	11/18/2002
0211078-04A	H-2		11/14/2002	11/18/2002
0211078-04B	H-2		11/14/2002	11/18/2002
0211078-05A	I-1		11/14/2002	11/18/2002
0211078-05B	I-1		11/14/2002	11/18/2002
0211078-06A	I-2		11/14/2002	11/18/2002
0211078-06B	I-2		11/14/2002	11/18/2002

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-01A

**Client Sample ID:** E-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		<b>Analyst: JP</b>		
Mercury	0.161	0.0500		mg/Kg	1	11/20/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B</b>		<b>(SW3050A)</b>		<b>Analyst: JP</b>
Aluminum	6940	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Antimony	0.34	0.445	J	mg/Kg	1	11/20/2002 12:49:19 PM
Arsenic	7.68	0.445		mg/Kg	1	11/20/2002 12:49:19 PM
Barium	64.0	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Beryllium	< 0.356	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Cadmium	0.240	0.178		mg/Kg	1	11/20/2002 12:49:19 PM
Calcium	16200	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Chromium	13.8	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Cobalt	9.76	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Copper	38.4	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Iron	15800	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Lead	106	0.267		mg/Kg	1	11/20/2002 12:49:19 PM
Magnesium	4790	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Manganese	138	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Nickel	13.6	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Potassium	2340	1.25		mg/Kg	1	11/20/2002 12:49:19 PM
Selenium	< 0.445	0.445		mg/Kg	1	11/20/2002 12:49:19 PM
Silver	0.890	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Sodium	279	0.534		mg/Kg	1	11/20/2002 12:49:19 PM
Thallium	< 0.267	0.267		mg/Kg	1	11/20/2002 12:49:19 PM
Vanadium	19.5	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
Zinc	85.2	0.356		mg/Kg	1	11/20/2002 12:49:19 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D</b>		<b>(SW3550A)</b>		<b>Analyst: RN</b>
Acenaphthene	490	80		µg/Kg	2	11/20/2002 11:34:00 AM
Acenaphthylene	400	80		µg/Kg	2	11/20/2002 11:34:00 AM
Anthracene	1600	80		µg/Kg	2	11/20/2002 11:34:00 AM
Benzo(a)anthracene	2700	80		µg/Kg	2	11/20/2002 11:34:00 AM
Benzo(a)pyrene	2800	80		µg/Kg	2	11/20/2002 11:34:00 AM
Benzo(b)fluoranthene	3300	80		µg/Kg	2	11/20/2002 11:34:00 AM
Benzo(g,h,i)perylene	1600	80		µg/Kg	2	11/20/2002 11:34:00 AM
Benzo(k)fluoranthene	1100	80		µg/Kg	2	11/20/2002 11:34:00 AM
Chrysene	2600	80		µg/Kg	2	11/20/2002 11:34:00 AM
Dibenzo(a,h)anthracene	520	80		µg/Kg	2	11/20/2002 11:34:00 AM
Fluoranthene	6200	400		µg/Kg	10	11/20/2002 3:21:00 PM
Fluorene	680	80		µg/Kg	2	11/20/2002 11:34:00 AM
Indeno(1,2,3-c,d)pyrene	1600	80		µg/Kg	2	11/20/2002 11:34:00 AM
Naphthalene	270	80		µg/Kg	2	11/20/2002 11:34:00 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

CLIENT: Advanced Environmental Redevelopment  
Lab Order: 0211078  
Project: Yonkers  
Lab ID: 0211078-01A

Client Sample ID: E-1  
Tag Number:  
Collection Date: 11/14/2002  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILES SW-846 8270(PAH)		SW8270D		(SW3550A)		Analyst: RN
Phenanthrene	5100	80		µg/Kg	2	11/20/2002 11:34:00 AM
Pyrene	5800	400		µg/Kg	10	11/20/2002 3:21:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-01B

**Client Sample ID:** E-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>						
Mercury	< 0.0200	0.0200		mg/L	1	11/20/2002
						Analyst: JP
<b>TCLP METALS</b>						
Arsenic	< 0.0500	0.0500		mg/L	1	11/20/2002
Barium	0.885	1.00	J	mg/L	1	11/20/2002
Cadmium	0.005	0.0500	J	mg/L	1	11/20/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/20/2002
Lead	0.495	0.0500		mg/L	1	11/20/2002
Selenium	0.036	0.0500	J	mg/L	1	11/20/2002
Silver	< 0.0500	0.0500		mg/L	1	11/20/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-02A

**Client Sample ID:** D-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>				Analyst: JP
Mercury	0.156	0.0500		mg/Kg	1	11/20/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B</b>		<b>(SW3050A)</b>		Analyst: JP
Aluminum	8380	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Antimony	< 0.481	0.481		mg/Kg	1	11/20/2002 12:51:33 PM
Arsenic	5.23	0.481		mg/Kg	1	11/20/2002 12:51:33 PM
Barium	79.1	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Beryllium	< 0.385	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Cadmium	0.222	0.192		mg/Kg	1	11/20/2002 12:51:33 PM
Calcium	19900	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Chromium	15.5	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Cobalt	8.26	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Copper	45.7	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Iron	12600	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Lead	116	0.288		mg/Kg	1	11/20/2002 12:51:33 PM
Magnesium	5060	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Manganese	259	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Nickel	12.2	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Potassium	2510	1.35		mg/Kg	1	11/20/2002 12:51:33 PM
Selenium	< 0.481	0.481		mg/Kg	1	11/20/2002 12:51:33 PM
Silver	< 0.385	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Sodium	321	0.577		mg/Kg	1	11/20/2002 12:51:33 PM
Thallium	0.806	0.288		mg/Kg	1	11/20/2002 12:51:33 PM
Vanadium	21.3	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
Zinc	84.4	0.385		mg/Kg	1	11/20/2002 12:51:33 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D</b>		<b>(SW3550A)</b>		Analyst: RN
Acenaphthene	680	160		µg/Kg	4	11/20/2002 12:08:00 PM
Acenaphthylene	720	160		µg/Kg	4	11/20/2002 12:08:00 PM
Anthracene	2600	160		µg/Kg	4	11/20/2002 12:08:00 PM
Benzo(a)anthracene	4200	160		µg/Kg	4	11/20/2002 12:08:00 PM
Benzo(a)pyrene	3900	160		µg/Kg	4	11/20/2002 12:08:00 PM
Benzo(b)fluoranthene	4700	160		µg/Kg	4	11/20/2002 12:08:00 PM
Benzo(g,h,i)perylene	2200	160		µg/Kg	4	11/20/2002 12:08:00 PM
Benzo(k)fluoranthene	1400	160		µg/Kg	4	11/20/2002 12:08:00 PM
Chrysene	4000	160		µg/Kg	4	11/20/2002 12:08:00 PM
Dibenzo(a,h)anthracene	690	160		µg/Kg	4	11/20/2002 12:08:00 PM
Fluoranthene	8900	160		µg/Kg	4	11/20/2002 12:08:00 PM
Fluorene	1200	160		µg/Kg	4	11/20/2002 12:08:00 PM
Indeno(1,2,3-c,d)pyrene	2200	160		µg/Kg	4	11/20/2002 12:08:00 PM
Naphthalene	770	160		µg/Kg	4	11/20/2002 12:08:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-02A

**Client Sample ID:** D-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D</b>		<b>(SW3550A)</b>		Analyst: RN
Phenanthrene	8100	160		µg/Kg	4	11/20/2002 12:08:00 PM
Pyrene	8700	160		µg/Kg	4	11/20/2002 12:08:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Lab Order: 0211078  
 Project: Yonkers  
 Lab ID: 0211078-02B

Client Sample ID: D-1  
 Tag Number:  
 Collection Date: 11/14/2002  
 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		Analyst: JP
Mercury	< 0.0200	0.0200		mg/L	1	11/20/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		Analyst: JP
Arsenic	< 0.0500	0.0500		mg/L	1	11/20/2002
Barium	0.900	1.00	J	mg/L	1	11/20/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/20/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/20/2002
Lead	0.912	0.0500		mg/L	1	11/20/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/20/2002
Silver	< 0.0500	0.0500		mg/L	1	11/20/2002

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-03A

**Client Sample ID:** H-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>				Analyst: JP
Mercury	0.143	0.0500		mg/Kg	1	11/20/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>				Analyst: JP
Aluminum	7050	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Antimony	< 0.455	0.455		mg/Kg	1	11/20/2002 12:53:44 PM
Arsenic	3.74	0.455		mg/Kg	1	11/20/2002 12:53:44 PM
Barium	72.5	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Beryllium	< 0.364	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Cadmium	0.18	0.182	J	mg/Kg	1	11/20/2002 12:53:44 PM
Calcium	17100	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Chromium	13.1	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Cobalt	8.27	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Copper	30.0	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Iron	12500	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Lead	71.9	0.273		mg/Kg	1	11/20/2002 12:53:44 PM
Magnesium	4930	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Manganese	148	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Nickel	10.7	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Potassium	2520	1.27		mg/Kg	1	11/20/2002 12:53:44 PM
Selenium	< 0.455	0.455		mg/Kg	1	11/20/2002 12:53:44 PM
Silver	< 0.364	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Sodium	537	0.545		mg/Kg	1	11/20/2002 12:53:44 PM
Thallium	< 0.273	0.273		mg/Kg	1	11/20/2002 12:53:44 PM
Vanadium	20.1	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
Zinc	74.6	0.364		mg/Kg	1	11/20/2002 12:53:44 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>				Analyst: RN
Acenaphthene	< 200	200		µg/Kg	5	11/20/2002 12:43:00 PM
Acenaphthylene	< 200	200		µg/Kg	5	11/20/2002 12:43:00 PM
Anthracene	480	200		µg/Kg	5	11/20/2002 12:43:00 PM
Benzo(a)anthracene	1300	200		µg/Kg	5	11/20/2002 12:43:00 PM
Benzo(a)pyrene	1500	200		µg/Kg	5	11/20/2002 12:43:00 PM
Benzo(b)fluoranthene	1600	200		µg/Kg	5	11/20/2002 12:43:00 PM
Benzo(g,h,i)perylene	970	200		µg/Kg	5	11/20/2002 12:43:00 PM
Benzo(k)fluoranthene	760	200		µg/Kg	5	11/20/2002 12:43:00 PM
Chrysene	1200	200		µg/Kg	5	11/20/2002 12:43:00 PM
Dibenzo(a,h)anthracene	310	200		µg/Kg	5	11/20/2002 12:43:00 PM
Fluoranthene	2700	200		µg/Kg	5	11/20/2002 12:43:00 PM
Fluorene	< 200	200		µg/Kg	5	11/20/2002 12:43:00 PM
Indeno(1,2,3-c,d)pyrene	960	200		µg/Kg	5	11/20/2002 12:43:00 PM
Naphthalene	< 200	200		µg/Kg	5	11/20/2002 12:43:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

CLIENT: Advanced Environmental Redevelopment  
 Lab Order: 0211078  
 Project: Yonkers  
 Lab ID: 0211078-03A

Client Sample ID: H-1  
 Tag Number:  
 Collection Date: 11/14/2002  
 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	1300	200		µg/Kg	5	11/20/2002 12:43:00 PM
Pyrene	2300	200		µg/Kg	5	11/20/2002 12:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-03B

**Client Sample ID:** H-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>						
Mercury	< 0.0200	0.0200		mg/L	1	11/20/2002
						Analyst: JP
<b>TCLP METALS</b>						
Arsenic	< 0.0500	0.0500		mg/L	1	11/20/2002
Barium	0.831	1.00	J	mg/L	1	11/20/2002
Cadmium	0.005	0.0500	J	mg/L	1	11/20/2002
Chromium	0.011	0.0500	J	mg/L	1	11/20/2002
Lead	0.283	0.0500		mg/L	1	11/20/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/20/2002
Silver	< 0.0500	0.0500		mg/L	1	11/20/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-04A

**Client Sample ID:** H-2  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>				Analyst: JP
Mercury	0.196	0.0500		mg/Kg	1	11/20/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B</b>		<b>(SW3050A)</b>		Analyst: JP
Aluminum	6720	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Antimony	< 0.483	0.483		mg/Kg	1	11/20/2002 12:56:01 PM
Arsenic	4.53	0.483		mg/Kg	1	11/20/2002 12:56:01 PM
Barium	64.8	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Beryllium	< 0.386	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Cadmium	0.233	0.193		mg/Kg	1	11/20/2002 12:56:01 PM
Calcium	15200	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Chromium	15.1	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Cobalt	7.99	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Copper	42.4	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Iron	11600	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Lead	193	0.290		mg/Kg	1	11/20/2002 12:56:01 PM
Magnesium	5120	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Manganese	146	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Nickel	12.1	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Potassium	2090	1.35		mg/Kg	1	11/20/2002 12:56:01 PM
Selenium	< 0.483	0.483		mg/Kg	1	11/20/2002 12:56:01 PM
Silver	< 0.386	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Sodium	322	0.579		mg/Kg	1	11/20/2002 12:56:01 PM
Thallium	< 0.290	0.290		mg/Kg	1	11/20/2002 12:56:01 PM
Vanadium	21.3	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
Zinc	84.7	0.386		mg/Kg	1	11/20/2002 12:56:01 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D</b>		<b>(SW3550A)</b>		Analyst: RN
Acenaphthene	< 200	200		µg/Kg	5	11/20/2002 2:02:00 PM
Acenaphthylene	< 200	200		µg/Kg	5	11/20/2002 2:02:00 PM
Anthracene	490	200		µg/Kg	5	11/20/2002 2:02:00 PM
Benzo(a)anthracene	1300	200		µg/Kg	5	11/20/2002 2:02:00 PM
Benzo(a)pyrene	1500	200		µg/Kg	5	11/20/2002 2:02:00 PM
Benzo(b)fluoranthene	2000	200		µg/Kg	5	11/20/2002 2:02:00 PM
Benzo(g,h,i)perylene	1000	200		µg/Kg	5	11/20/2002 2:02:00 PM
Benzo(k)fluoranthene	570	200		µg/Kg	5	11/20/2002 2:02:00 PM
Chrysene	1400	200		µg/Kg	5	11/20/2002 2:02:00 PM
Dibenzo(a,h)anthracene	270	200		µg/Kg	5	11/20/2002 2:02:00 PM
Fluoranthene	2800	200		µg/Kg	5	11/20/2002 2:02:00 PM
Fluorene	< 200	200		µg/Kg	5	11/20/2002 2:02:00 PM
Indeno(1,2,3-c,d)pyrene	1000	200		µg/Kg	5	11/20/2002 2:02:00 PM
Naphthalene	< 200	200		µg/Kg	5	11/20/2002 2:02:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-04A

**Client Sample ID:** H-2  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	1500	200		µg/Kg	5	11/20/2002 2:02:00 PM
Pyrene	2400	200		µg/Kg	5	11/20/2002 2:02:00 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-04B

**Client Sample ID:** H-2  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		Analyst: JP
Mercury	< 0.0200	0.0200		mg/L	1	11/20/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		Analyst: JP
Arsenic	< 0.0500	0.0500		mg/L	1	11/20/2002
Barium	0.876	1.00	J	mg/L	1	11/20/2002
Cadmium	0.005	0.0500	J	mg/L	1	11/20/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/20/2002
Lead	1.532	0.0500		mg/L	1	11/20/2002
Selenium	0.027	0.0500	J	mg/L	1	11/20/2002
Silver	< 0.0500	0.0500		mg/L	1	11/20/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-05A

**Client Sample ID:** I-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>						
Mercury	0.162	0.0500		mg/Kg	1	11/20/2002
						Analyst: JP
<b>METALS - TARGET ANALYTE LIST</b>						
						Analyst: JP
Aluminum	10900	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Antimony	< 0.463	0.463		mg/Kg	1	11/20/2002 12:58:13 PM
Arsenic	2.84	0.463		mg/Kg	1	11/20/2002 12:58:13 PM
Barium	65.3	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Beryllium	< 0.370	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Cadmium	0.17	0.185	J	mg/Kg	1	11/20/2002 12:58:13 PM
Calcium	24200	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Chromium	16.5	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Cobalt	9.32	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Copper	31.9	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Iron	18200	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Lead	56.6	0.278		mg/Kg	1	11/20/2002 12:58:13 PM
Magnesium	5650	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Manganese	121	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Nickel	14.2	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Potassium	2840	1.30		mg/Kg	1	11/20/2002 12:58:13 PM
Selenium	< 0.463	0.463		mg/Kg	1	11/20/2002 12:58:13 PM
Silver	< 0.370	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Sodium	311	0.556		mg/Kg	1	11/20/2002 12:58:13 PM
Thallium	< 0.278	0.278		mg/Kg	1	11/20/2002 12:58:13 PM
Vanadium	20.3	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
Zinc	84.8	0.370		mg/Kg	1	11/20/2002 12:58:13 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						
						Analyst: RN
Acenaphthene	210	160		µg/Kg	4	11/20/2002 2:36:00 PM
Acenaphthylene	160	160		µg/Kg	4	11/20/2002 2:36:00 PM
Anthracene	580	160		µg/Kg	4	11/20/2002 2:36:00 PM
Benzo(a)anthracene	1200	160		µg/Kg	4	11/20/2002 2:36:00 PM
Benzo(a)pyrene	1400	160		µg/Kg	4	11/20/2002 2:36:00 PM
Benzo(b)fluoranthene	1700	160		µg/Kg	4	11/20/2002 2:36:00 PM
Benzo(g,h,i)perylene	840	160		µg/Kg	4	11/20/2002 2:36:00 PM
Benzo(k)fluoranthene	530	160		µg/Kg	4	11/20/2002 2:36:00 PM
Chrysene	1200	160		µg/Kg	4	11/20/2002 2:36:00 PM
Dibenzo(a,h)anthracene	250	160		µg/Kg	4	11/20/2002 2:36:00 PM
Fluoranthene	2700	160		µg/Kg	4	11/20/2002 2:36:00 PM
Fluorene	220	160		µg/Kg	4	11/20/2002 2:36:00 PM
Indeno(1,2,3-c,d)pyrene	850	160		µg/Kg	4	11/20/2002 2:36:00 PM
Naphthalene	< 160	160		µg/Kg	4	11/20/2002 2:36:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-05A

**Client Sample ID:** 1-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	2000	160		µg/Kg	4	11/20/2002 2:36:00 PM
Pyrene	2300	160		µg/Kg	4	11/20/2002 2:36:00 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-05B

**Client Sample ID:** I-1  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		<b>Analyst: JP</b>
Mercury	< 0.0200	0.0200		mg/L	1	11/20/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		<b>Analyst: JP</b>
Arsenic	< 0.0500	0.0500		mg/L	1	11/20/2002
Barium	0.918	1.00	J	mg/L	1	11/20/2002
Cadmium	< 0.0500	0.0500		mg/L	1	11/20/2002
Chromium	0.021	0.0500	J	mg/L	1	11/20/2002
Lead	0.319	0.0500		mg/L	1	11/20/2002
Selenium	0.027	0.0500	J	mg/L	1	11/20/2002
Silver	< 0.0500	0.0500		mg/L	1	11/20/2002

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-06A

**Client Sample ID:** I-2  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>MERCURY SW-846 7471</b>		<b>SW7471B</b>		Analyst: JP		
Mercury	0.105	0.0500		mg/Kg	1	11/20/2002
<b>METALS - TARGET ANALYTE LIST</b>		<b>SW6010B (SW3050A)</b>		Analyst: JP		
Aluminum	15200	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Antimony	< 0.702	0.702		mg/Kg	1	11/20/2002 1:00:20 PM
Arsenic	5.18	0.702		mg/Kg	1	11/20/2002 1:00:20 PM
Barium	158	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Beryllium	< 0.562	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Cadmium	0.339	0.281		mg/Kg	1	11/20/2002 1:00:20 PM
Calcium	12300	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Chromium	38.5	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Cobalt	17.8	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Copper	76.8	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Iron	24800	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Lead	203	0.421		mg/Kg	1	11/20/2002 1:00:20 PM
Magnesium	7870	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Manganese	277	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Nickel	33.3	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Potassium	5830	1.97		mg/Kg	1	11/20/2002 1:00:20 PM
Selenium	0.749	0.702		mg/Kg	1	11/20/2002 1:00:20 PM
Silver	< 0.562	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Sodium	578	0.843		mg/Kg	1	11/20/2002 1:00:20 PM
Thallium	0.438	0.421		mg/Kg	1	11/20/2002 1:00:20 PM
Vanadium	42.5	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
Zinc	128	0.562		mg/Kg	1	11/20/2002 1:00:20 PM
<b>SEMIVOLATILES SW-846 8270(PAH)</b>		<b>SW8270D (SW3550A)</b>		Analyst: RN		
Acenaphthene	< 80	80		µg/Kg	2	11/20/2002 1:27:00 PM
Acenaphthylene	120	80		µg/Kg	2	11/20/2002 1:27:00 PM
Anthracene	390	80		µg/Kg	2	11/20/2002 1:27:00 PM
Benzo(a)anthracene	980	80		µg/Kg	2	11/20/2002 1:27:00 PM
Benzo(a)pyrene	1200	80		µg/Kg	2	11/20/2002 1:27:00 PM
Benzo(b)fluoranthene	1500	80		µg/Kg	2	11/20/2002 1:27:00 PM
Benzo(g,h,i)perylene	760	80		µg/Kg	2	11/20/2002 1:27:00 PM
Benzo(k)fluoranthene	410	80		µg/Kg	2	11/20/2002 1:27:00 PM
Chrysene	1000	80		µg/Kg	2	11/20/2002 1:27:00 PM
Dibenzo(a,h)anthracene	230	80		µg/Kg	2	11/20/2002 1:27:00 PM
Fluoranthene	2100	80		µg/Kg	2	11/20/2002 1:27:00 PM
Fluorene	81	80		µg/Kg	2	11/20/2002 1:27:00 PM
Indeno(1,2,3-c,d)pyrene	750	80		µg/Kg	2	11/20/2002 1:27:00 PM
Naphthalene	< 80	80		µg/Kg	2	11/20/2002 1:27:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

**CLIENT:** Advanced Environmental Redevelopment  
**Lab Order:** 0211078  
**Project:** Yonkers  
**Lab ID:** 0211078-06A

**Client Sample ID:** I-2  
**Tag Number:**  
**Collection Date:** 11/14/2002  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>SEMIVOLATILES SW-846 8270(PAH)</b>						Analyst: RN
Phenanthrene	1000	80		µg/Kg	2	11/20/2002 1:27:00 PM
Pyrene	1700	80		µg/Kg	2	11/20/2002 1:27:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**American Analytical Laboratories, Inc.**

Date: 21-Nov-02

<b>CLIENT:</b>	Advanced Environmental Redevelopment	<b>Client Sample ID:</b>	1-2
<b>Lab Order:</b>	0211078	<b>Tag Number:</b>	
<b>Project:</b>	Yonkers	<b>Collection Date:</b>	11/14/2002
<b>Lab ID:</b>	0211078-06B	<b>Matrix:</b>	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TCLP MERCURY</b>		<b>SW1311/7471B</b>		<b>(SW1311)</b>		Analyst: JP
Mercury	< 0.0200	0.0200		mg/L	1	11/20/2002
<b>TCLP METALS</b>		<b>SW1311/6010B</b>		<b>(SW1311)</b>		Analyst: JP
Arsenic	< 0.0500	0.0500		mg/L	1	11/20/2002
Barium	0.891	1.00	J	mg/L	1	11/20/2002
Cadmium	0.005	0.0500	J	mg/L	1	11/20/2002
Chromium	< 0.0500	0.0500		mg/L	1	11/20/2002
Lead	1.271	0.0500		mg/L	1	11/20/2002
Selenium	< 0.0500	0.0500		mg/L	1	11/20/2002
Silver	< 0.0500	0.0500		mg/L	1	11/20/2002

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**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level	

Page 18 of 18



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 (631) 454-6100 • FAX (631) 454-8027 • email: AAL20000@aol.com

NYSDOH ELAP 11418  
 AIHA PAT, LPAT 102391  
 CTDOH PH-0205

### CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS <i>A.ER</i> 904 MADISON AVE, BRIDGEPORT, CT			CONTACT: <i>[Signature]</i>		DATE 11/14	TIME	SAMPLE(S) SEALED <input checked="" type="checkbox"/>	YES/ NO <input checked="" type="checkbox"/>				
PROJECT LOCATION: YONKERS			SAMPLE NAME (PRINT) TOOD SNOWDEN		CORRECT CONTAINER(S)		YES/ NO <input checked="" type="checkbox"/>					
LABORATORY ID #			MATRIX		TYPE		PRES.		SAMPLE # - LOCATION		P.O.#	
0211078-01A			S		b		E-1		E-1			
0211078-02A							D-1		D-1			
0211078-03A							H-1		H-1			
0211078-04A							H-2		H-2			
0211078-05A							I-1		I-1			
0211078-06A							I-2		I-2			
0211078-07A												
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DAILY LOG

Yonkers Downtown Waterfront  
Parcel E  
Yonkers, NY

NAME TODD Snowden DATE 7/10/02

Observations:

No excavation activities are taking place on either parcel E or F. Mostly masonry work taking place at this time.

# DAILY LOG

Yonkers Downtown Waterfront  
Parcel E  
Yonkers, NY

NAME TODD SNOWDEN DATE 8/20/02

Observations:

- meeting with NADDEC, Turner Const., Collins,
- sample below + above snow fence - ~~the~~ before
- agreed to write up new work plan. Addressed with  
sampling of soil under future parking garage and  
future landscaped areas



# DAILY LOG

Yonkers Downtown Waterfront  
Parcel E  
Yonkers, NY

NAME TODD SNOWDEN DATE 9/10/02

Observations:

Buildings being erected as expected.  
Landscape areas unchanged, no  
excavating.



# DAILY LOG

Yonkers Downtown Waterfront  
Parcel E  
Yonkers, NY

NAME TODD Snowden DATE 10/17

Observations:

NO excavation activities ongoing at this time. Construction activities underway on buildings.



# DAILY LOG

Yonkers Downtown Waterfront  
Parcel E  
Yonkers, NY

NAME Tommy Szwed DATE 10/24/02

Observations:

Sent out excavating pile caps for  
Foundations. Collected a total of 8 samples for  
5 locations. A-E. Only 1 sample taken  
from <sup>crack</sup> wall location E+D due to lack of fill.  
Site crowded - Be back Monday 10/4/02



# DAILY LOG

Yonkers Downtown Waterfront  
Parcel E  
Yonkers, NY

NAME TMS DATE 11/04

Observations:

Sent back excavating plans for foundation. Also  
digging test pits for AFR. Sols generally consist  
of Brown to gray Fm to coarse silty & gravel, some  
brick. Difficult to determine between fill +  
~~water~~. Work be ready until Friday

# DAILY LOG

Yonkers Downtown Waterfront  
Parcel ~~FF~~  
Yonkers, NY

NAME TMS DATE 11/8 <sup>Friday</sup>

## Observations:

Arrived site and unable to obtain samples. No  
Room & scheduling problems. Sailed work in here  
on ~~Monday~~ Tuesday the 12<sup>th</sup>.

# DAILY LOG

Yonkers Downtown Waterfront  
Parcel ~~F12~~  
Yonkers, NY

NAME Ths DATE 11/13

Observations:

Told to be at site to collect samples <sup>(by some other call)</sup>, but  
Sembrot not here to operate machine. Turner  
available and says that Sembrot will be here  
tomorrow (Thurs).

# DAILY LOG

Yonkers Downtown Waterfront  
Parcel R E  
Yonkers, NY

NAME Tom Spande DATE 11/14

Observations:

Sent Ash on-site excavating remainder of  
pile caps. ~~to~~ Collected remainder of soil samples  
today. Collected a total of 18 soil samples from  
9 locations. 1 sample from the native soil approximately 4 feet  
below grade. 1 sample taken from fill approximately 1-2  
feet below grade

# DAILY LOG

Yonkers Downtown Waterfront  
Parcel F  
Yonkers, NY

NAME TMS DATE 6/21

Observations:

Sentrale backfilling service. They expect  
this is the last day for them. As readings on  
instrument

DAILY LOG

Yonkers Downtown Waterfront  
Parcel F  
Yonkers, NY

NAME Todd Snowden DATE 7/25

Observations: no excavation activities at this time.  
Masons + plumbers mostly working at the  
site at this time.

# DAILY LOG

Yonkers Downtown Waterfront  
Parcel F + E  
Yonkers, NY

NAME TMS DATE 8/7/02

Observations: One is to locate possible sampling  
points through concrete slabs on both parcels.  
Partially garage areas on both parcels  
are open. Maybe a few spots  
in slab of parcel F that could be of  
use to an auger. Nothing ~~found~~  
in Parcel E slab

(adjacent to  
pipes)

AER Advanced Environmental Redevelopment, LLC  
 904 Madison Avenue  
 Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
 Yonkers, New York

Site: Yonkers Waterfront

Date: 6/21/02

Instrument: PI-3 / Dust monitor

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	11:00	0.0 .000			
	11:15	0.0 .000			
	11:30	0.0 .000			
	11:45	0.0 .000			
	12:00	0.0 .000			
	12:15	0.0 .000			
	12:30	0.0 .000			
	1:00	0.0 .000			
	1:15	0.0 .000			
	1:30	0.0 .000			
	2:00	0.0 .000			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
 204 Madison Avenue  
 Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
 Yonkers, New York

Site: Yonkers

Date: 9/05/01

Instrument: P10/Pass monitor

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	10:30	0.0   .000			
	10:45	0.0   .000			
	11:00	0.0   .000			
	11:15	0.0   .000			
	11:30	0.0   .000			
	11:45	0.0   .000			
	12:00	0.0   .000			
	12:15	0.0   .000			
	12:30	0.0   .000			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
204 Madison Avenue  
Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
Yonkers, New York

Site: Yonkers

Date: 9/18/02

Instrument: PID/Dust monitor

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	2:00	0.0			
	2:15	0.0			
	2:30	0.0			
	2:45	0.0			
	3:00	0.0			
	3:15	0.0			
	3:30	0.0			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
904 Madison Avenue  
Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
Yonkers, New York

Site: Yonkers Waterfront

Date: 10/2/02

Instrument: PI10/DUST MONITOR

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	10:30	0.0			
	10:45	0.0			
	11:00	0.0			
	11:15	0.0			
	11:30	0.0			
	11:45	0.0			
	12:00	0.0			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
904 Madison Avenue  
Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
Yonkers, New York

Site: ~~AST~~ Yonkers

Date: 12/17/02

Instrument: PID/Dust Monitor

Calibration:

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	12:30	0.0			
	12:45	0.0			
	1:00	0.0			
	1:15	0.0			
	1:30	0.0			
	1:45	0.0			
	2:00	0.0			
	2:15	0.0			
	2:30	0.0			
	2:45	0.0			
	3:00	0.0			

Instantaneous Readings

Instant Readings	Time	Value

Notes:

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AER Advanced Environmental Redevelopment, LLC  
 904 Madison Avenue  
 Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
 Yonkers, New York

Site: Yonkers

Date: \_\_\_\_\_

Instrument: D10 / Dust Monitor

Calibration: \_\_\_\_\_

Background Reading	Time	Value
	7:30	0.0 000

15-minute Average	Time	Value	15-minute Average	Time	Value
	8:00	0.0 000			
	8:15	0.0 000			
	8:30	0.0 000			
	8:45	0.0 000			
	9:00	0.0 000			
		0.0 000			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
 904 Madison Avenue  
 Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
 Yonkers, New York

Site: AIO/ dust monitor

Date: 10/24

Instrument: \_\_\_\_\_

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	7:00	0.0			
	7:15	0.0			
	7:30	0.0			
	7:45	0.0			
	8:00	0.0			
	8:15	0.0			
	10:00	0.0			
	10:15	0.0			
	10:30	0.0			
	10:45	0.6			
	11:00	0.0			
	12:30	0.0			
	12:45	0.0			
	12:00	0.0			
	1:15	0.0			
	2:00	0.0			
	2:15	0.0			
	2:30	0.0			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
 904 Madison Avenue  
 Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
 Yonkers, New York

Site: Yonkers

Date: 11/14/02

Instrument: P10/Dust Monitor

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	8:00	0.0 .000			
	8:15	0.0 .000			
	8:30	0.0 .000			
	8:45	0.0 .000			
	9:00	0.0 .000			
	11:00	0.0 .000			
	11:15	0.0 .000			
	11:30	0.0 .000			
	11:45	0.0 .000			
	12:00	0.0 .000			
	1:30	0.0 .000			
	2:00	0.0 .000			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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AER Advanced Environmental Redevelopment, LLC  
 904 Madison Avenue  
 Bridgeport, Connecticut 06606

Community Air Monitoring Plan  
 Yonkers, New York

Site: Yonkers

Date: 11/21/02

Instrument: AO/ Dust monitor

Calibration: \_\_\_\_\_

Background Reading	Time	Value

15-minute Average	Time	Value	15-minute Average	Time	Value
	9:00	0.0			
	9:15	0.0			
	9:30	0.0			
	10:00	0.0			
	10:15	0.0			
	10:30	0.0			
	10:45	0.0			
	11:00	0.0			
	11:15	0.0			
	11:30	0.0			
	11:45	0.0			
	11:50:00	0.0			
	11:51:00	0.0			
	1:15	0.0			
	1:30	0.0			
	2:00	0.0			
	2:15	0.0			

Instantaneous Readings

Instant Readings	Time	Value

Notes: \_\_\_\_\_  
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