

APPENDIX A

HRP Associates, Inc. Report

HRP Associates, Inc.

Creating the Right Solutions Together

April 26, 2006

Mr. Larry Schmaltz, P.E.
President/C.E.O.
A2L Technologies, Inc.
10220 Harney Road NE
Thonotosassa, Florida 33592

**RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT AT THE
CIABATTONI PROPERTY, STONY POINT, NEW YORK**

Dear Mr. Schmaltz:

In April 2006, HRP Associates, Inc. (HRP) was retained to complete a Phase II Environmental Site Assessment (Phase II ESA) at the Ciabattoni Property at 153 South Liberty Drive in the City of Stony Point, New York (the site). The Phase II ESA included the installation of nine (9) soil borings and the collection and analysis of select soil and groundwater samples. The remainder of this letter discusses the project background, field activities, findings/conclusions, as well as HRP's recommendations.

BACKGROUND

In January 2006, A2L Technologies completed a Phase I ESA of the Ciabattoni property in Stony Point, New York. A2L reported that the site was historically used as a gasoline filling station, utilizing several underground storage tanks (USTs) and as an automobile service facility. According to the Phase I ESA, petroleum contaminated soil was encountered at the property during removal of USTs and pumping equipment. Approximately 1,780 tons of soil was removed from the site in the former pump island and UST area. The excavation extended to approximately 18 feet below grade. Groundwater samples were not collected as part of previous investigations or remedial activities.

In addition, two former in-ground hydraulic lifts were reportedly removed from the service bays of the site building. To evaluate environmental concerns related to historical on-site operations, A2L prepared a Phase II ESA proposal bid request.

HRP completed this Phase II ESA to evaluate potential impacts to the site soils and groundwater from historical activities.

FIELD ACTIVITIES/FINDINGS

Prior to any conducting intrusive subsurface activities, HRP requested that the Underground Facilities Protection Organization complete a utility mark out of the site. Prior to the initiation of activities involving subsurface explorations at this site, HRP prepared a project specific health and safety plan, in accordance with 29 CFR 1910.120.

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- Health & Safety
- Environmental Management System

Subsurface Investigation

To evaluate the condition of site soils and groundwater, HRP and Aztech Environmental Services mobilized to the site on April 12, 2006 to install a total of nine (9) soil borings (referred to as SB-01 through SB-09), and collect representative soil and groundwater samples using a truck-mounted combination direct push and hollow stem auger drill rig. Soil borings were located based on the historical waste oil tank, USTs, pump-island, and in-ground lift locations, and alleged dumping area. The soil boring locations are shown on Figure 2 and are summarized below.

Soil Boring I.D.	Location
SB-01	Former waste oil tank location
SB-02	Former waste oil tank location
SB-03	Former UST area
SB-04	Former pump-island area
SB-05	Northwest of former UST and pump-island area
SB-06	Former in-ground lift area
SB-07	Rear of site building (alleged dumping area)
SB-08	Rear of site building (alleged dumping area)
SB-09	Rear of site building (alleged dumping area)

Soil Characterization

During the subsurface investigation, soil borings (SB-01 through SB-06) were advanced to depths ranging from 0 to 30 feet below ground surface (bgs). Soil samples were collected continuously in four-foot intervals using a 1 3/4-inch inner diameter (I.D.) stainless steel, four-foot long Macrocore sampler. Each four-foot soil sample was collected in a new, acetate liner to ensure the sample's integrity, and then split into two (2), two-foot segments.

Soil boring locations SB-07 through SB-09 were installed using a hand shovel due to site constraints. The shovel was decontaminated between locations.

Soil boring logs describing the geologic descriptions and comments were maintained in the field by an HRP geologist, and are included in Attachment #1. The collected soil samples were reviewed in the field for physical evidence of contamination (i.e. odor, staining, elevated meter readings), placed in a labeled jar, and stored in a cooler for preservation. Each boring was backfilled with bentonite chips upon completion of soil and groundwater sampling.

Based upon HRP's field review of the collected soil samples, HRP selected the following four (4) soil samples for laboratory analysis:

Soil Boring ID	Sample Depth	Analyses
SB-02	4-6'	STARS VOCs (USEPA Method 8021B), STARS SVOCs (USEPA Method 8270C, 8 RCRA Metals (mass analysis)
SB-04	17-19'	STARS VOCs (USEPA Method 8021B), 8 RCRA Metals (mass analysis)
SB-06	6-8'	STARS VOCs (USEPA Method 8021B), 8 RCRA Metals (mass analysis), STARS SVOCs (USEPA Method 8270C, PCBs (USEPA Method 8082)
SB-08	0-2'	STARS VOCs (USEPA Method 8021B), STARS SVOCs (USEPA Method 8270C, 8 RCRA Metals (mass analysis)
STARS: New York State Department of Environmental Conservation Spill Technology and Remediation Series VOC: Volatile Organic Compounds SVOC: Semi Volatile Organic Compounds USEPA: United States Environmental Protection Agency 8 RCRA Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver)		

Groundwater Characterization

To screen groundwater quality beneath the subject site, HRP installed temporary wells in four (4) soil borings (SB-03, SB-04, SB-05, and SB-06) using PVC well screens and risers and collected grab groundwater samples using clean polyethylene bailers. Groundwater was encountered at the site between approximately seventeen and twenty-five feet bgs. Samples were collected into appropriate containers and stored on ice in a cooler.

The four (4) groundwater samples were submitted for analysis of complete VOCs via EPA Method 8021B; and total and dissolved metals. The samples collected for dissolved metals were filtered in the field with 0.45 micron inline filters. NYSDEC guidance dictates that groundwater samples analyzed for metals contain less than 50 nephelometric turbidity units (NTU). For the purpose of this investigation using temporary monitoring well points, turbidity values of less than 50 NTUs were not attainable. For this reason HRP collected samples for both total and dissolved metals for comparison.

Soil and groundwater samples were selected for submission based on the probable depth of the former USTs, hydraulic lifts, and physical evidence of contamination. Samples were selected to evaluate soils in the vicinity of and presumably downgradient from the areas of concern (former waste oil tank, alleged dumping area, former UST area, and former pump island area). In addition, groundwater samples were submitted from different borings to maximize the data coverage.

Subsurface Investigation Findings

Lithology

During the subsurface investigation, HRP noted that below the gravelly backfill material, (up to 17 feet) site's geology generally consisted of reddish brown and grayish brown silty sand and gravel underlain by a well sorted medium sand. Bedrock was not encountered during the investigation.

Groundwater was encountered at depths ranging from approximately 17 feet to 25 feet below ground surface (bgs) at the site. The direction of groundwater flow at the site was not evaluated as part of this investigation. However, based on local topography, shallow groundwater flow at the site is expected to flow in a generally easterly direction towards the Hudson River approximately ¾ mile east of the site.

Observations

As shown in the soil borings logs, during the field activities, physical evidence of contamination (i.e. staining, odors, elevated PID measurements) were noted associated with soil samples from borings SB-02, SB-03, SB-04, SB-05, and SB-06. No obvious physical evidence of contamination was observed on soil samples from borings SB-01, SB-07, SB-08, or SB-09.

Petroleum odors were observed on groundwater at borings SB-03, SB-04, and SB-05. No physical evidence of contamination was observed on groundwater at boring SB-06. Groundwater was not encountered at borings SB-01, SB-02, SB-7, SB-08, or SB-09.

Analytical results

As previously stated, a total of four (4) soil samples (SB-02, 4-6'; SB-04, 17-19'; SB-06, 6-8'; and SB-8, 0-2') were submitted to a state-certified laboratory for analysis. HRP compared the soil sample results to the NYSDEC's Technical and Administrative Guidance Memorandum (TAGM) #4046-Determination of Recommended Soil Cleanup Objectives (RSCOs). The analytical results for the four soil samples are summarized in Table 1 and discussed below. The laboratory report forms can be reviewed in Attachment #2.

HRP submitted four (4) groundwater samples (SB-03, SB-04, SB-05, and SB-06) for analysis of VOCs via EPA Method 8021B; and total and dissolved metals via mass analysis. HRP compared the groundwater sample results to the NYSDEC's Technical and Operational Guidance Series (TOGS) 1.1.1. The analytical results for the four groundwater samples are summarized in Table 2 and discussed below. The laboratory report forms can be reviewed in Attachment #2.

A summary of soil and groundwater analytical results by area of concern is provided below:

Former Waste Oil Tanks Area

One soil sample (SB-02, 4-6') was submitted for analysis from the former waste oil tank area. No STARS SVOCs were detected in this sample. Low levels of several STARS VOCs and metals were detected in this soil sample. Chromium (25 mg/kg) was detected above the RSCO value of 10 mg/kg but within Eastern USA background concentrations of 15 to 40 mg/kg. Groundwater samples were not analyzed from this area.

Former In-ground Lift Area

One soil sample (SB-06, 6-8') was submitted for analysis from the former in-ground lift area. No STARS SVOCs, STARS VOCs or PCBs were detected in this sample. Low levels of metals were detected in this sample. Chromium (25 mg/kg) was detected above the RSCO value of 10 mg/kg but within Eastern USA background concentrations of 15 to 40 mg/kg.

One groundwater sample (SB-06) was analyzed from the former in-ground lift area area. Low levels of STARS VOCs were detected, however, only benzene (1.2 ug/l) was detected above TOGS value of 0.7 ug/l. Elevated total metals (barium (6,400ug/l), chromium (3,400), selenium (150 ug/l), and silver (70 ug/l)) were also detected in groundwater sample SB-06. All levels of dissolved metals, except silver were below TOGS values or non-detectable.

Area of Alleged Dumping

One soil sample (SB-08, 0-2') was submitted for analysis from the area of alleged dumping. No STARS SVOCs or STARS VOCs were detected in this sample. Low levels of metals were detected in this sample. Chromium (54 mg/kg) was detected above the RSCO value of 10 mg/kg and Eastern USA background concentrations of 15 to 40 mg/kg. Groundwater samples were not analyzed from this area.

Former UST and Pump Island Area

One soil sample (SB-04, 17-19') was submitted for analysis from the former UST and pump island area. No STARS SVOCs were detected in this sample. STARS VOCs (benzene 0.63 mg/kg, toluene 3.8 mg/kg (estimated), total xylenes 5.9 mg/kg, and total VOCs 18.68 mg/kg) were detected above RSCOs within this soil sample. Low levels of metals were detected in this sample. Chromium (35 mg/kg) was detected above the RSCO value of 10 mg/kg but within Eastern USA background concentrations of 15 to 40 mg/kg.

Three groundwater samples (SB-03, SB-04, and SB-05) were analyzed from the former UST and pump island area. STARS VOCs (Total BTEX-32.34 ug/l; Total VOCs- 79.94 ug/l) were detected above TOGS values in groundwater sample SB-03. STARS VOCs (Total BTEX-13,400 ug/l; Total VOCs- 16,500 ug/l) were detected above TOGS values in groundwater sample SB-04. STARS VOCs (Total BTEX-138.1 ug/l; Total VOCs- 453.7 ug/l) were detected above TOGS values in groundwater sample SB-05. In addition, due to the elevated STARS VOCs concentrations detected in groundwater sample SB-04, the laboratory detection limits were above TOGS values for the remaining compounds that were not detected.

Total metals were also detected in groundwater samples SB-03 SB-04, and SB-05. Elevated total metals (barium, chromium, selenium, and silver) were also detected in groundwater samples SB-03, SB-04, and SB-05. The highest levels were noted in sample SB-04 (barium (26,000 ug/l), chromium (3,800 ug/l), lead (650 ug/l), and silver (90 ug/l)). All levels of dissolved metals, except silver were below TOGS values or non-detectable.

CONCLUSIONS

Based upon the data collected to date, HRP has the following conclusions:

- In April 2006, HRP completed a Phase II ESA at the Ciabattini Property located at 153 South Liberty Drive in Stony Point, New York to evaluate the site's former uses and to investigate the status of underlying soil and groundwater quality in the noted areas where contamination was historically documented. The Phase II ESA included the installation of nine (9) soil borings, and the collection and analysis of select soil samples and groundwater samples.

- During the field activities, physical evidence of contamination (i.e. staining, odors, elevated PID measurements) was observed on soil samples from borings SB-02, SB-03, SB-04, SB-05, and SB-06. No physical evidence of contamination was observed on soil samples from borings SB-01, SB-07, SB-08, or SB-09.
- No significant levels of STARS VOCs or semi-VOCs were detected in soil sample SB-02, 4-6', collected from the former waste oil tank area. As such, potential impacts related to the former waste oil tanks are not expected to be significant.
- No STARS SVOCs, PCBs, and only low levels of STARS VOCs were detected in soil sample SB-06, 6-8', collected from the former in-ground lift area. In addition, benzene was detected marginally above TOGS values in groundwater sample SB-06. No dissolved metals except silver were detected above TOGS values in groundwater sample SB-06. As such, potential impacts related to the former in-ground lifts are not expected to be significant.
- Based on HRP's review of the laboratory results, no detectable STARS VOCs or semi-VOCs and low levels of chromium were noted within soil samples SB-08, 0-2', collected from the area of alleged dumping. As such, potential impacts from alleged dumping are not expected to be significant.
- Based on our findings, groundwater (SB-03, SB-04, and SB-05) at the former pump island and former UST area of the site has been impacted by BTEX (presumably from historical fueling operations) above NYSDEC groundwater quality standards. Petroleum odors were observed on groundwater at borings SB-03, SB-04, and SB-05. The extent of impact has not been delineated, and the potential exists that the groundwater impact may extend off-site based on the data from groundwater sample collected from location SB-04. In addition, elevated total and dissolved metals were detected in groundwater samples collected during the investigation.
- The source of the elevated metals concentrations is currently unknown.

RECOMMENDATIONS

Based on our findings to date, HRP offers the following recommendations:

- Evidence of a petroleum release(s) was identified as a result of our investigation. HRP recommends that the NYSDEC be contacted to report a new spill number. A historic spill file associated with the on-site release has reportedly been closed. However, due to the acquisition of groundwater sample data, it is HRP's opinion that the site should be further investigated and remediated.
- Further investigation (soil borings/permanent monitoring wells) is warranted in the vicinity of the former USTs and pump island to evaluate the degree and extent of soil and groundwater contamination and the potential presence of non-aqueous phase liquid (NAPL).
- The collection and analysis of additional groundwater samples from permanent monitoring wells that have been properly installed and developed is warranted to evaluate if elevated metals concentrations are representative of on-site groundwater conditions.

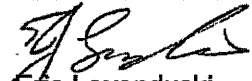
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- An exposure assessment should be conducted in order to identify potential receptors, such as private/residential drinking water wells.
- If the on-site buildings or new buildings are to be used, a soil gas survey is warranted to assess potential exposure to the VOCs identified in the soil and groundwater. If the site is to be redeveloped and soil vapor is determined to be an issue, the landowner may wish to consider building designs that incorporate passive and/or active soil vapor remedial systems. Any site activities that involve disturbing site soils should consider that potential impacted petroleum contaminated soils and/or groundwater may be encountered and may require removal and off-site disposal.

It should be noted that additional remedial actions may be required by the NYSDEC (eg. In-situ treatment such as ORC® injection or dual phase positive displacement groundwater recovery).

We appreciate the opportunity to provide environmental consulting services for A2L Technologies. If you have any questions about this letter-report, please do not hesitate to contact HRP Associates, Inc. at (518) 899-3011.

Sincerely,
HRP ASSOCIATES, INC.


Eric Lovenduski
Senior Project Geologist


Jeffrey R. Sotek, PE, CSP, CIH
Senior Project Manager

TABLE 1 - Summary of Soil Sample Results

Ciabattoni Property
 153 South Liberty Drive
 Stony Point, New York
 April 2006

Parameter	Soil Sample I.D.				NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives
	SB-02, 4-6'	SB-04, 17-19'	SB-06, 6-8'	SB-08, 0-2'	
MTBE	<0.014	0.016	<0.014	<0.015	NE
Benzene	<0.014	0.63	<0.014	<0.015	0.060
Toluene	<0.014 B	3.8 B	<0.014 B	<0.015	1.5
Ethylbenzene	<0.014	1.9	<0.014	<0.015	5.5
Total Xylenes	0.089 B	5.9	<0.014 B	<0.015	1.2
Isopropylbenzene	<0.014	0.51	<0.014	<0.015	NE
n-Propylbenzene	<0.014	0.93	0.027B	<0.015	NE
1,3,5-Trimethylbenzene	0.240 B	1.6	0.022 B	<0.015	NE
1,2,4-Trimethylbenzene	0.072	2.8 B	0.051 B	<0.015	NE
Sec-Butylbenzene	<0.014	0.027	<0.014	<0.015	NE
n-Butylbenzene	<0.014	<0.014	<0.014	<0.015	NE
p-Isopropyltoluene	0.057	0.160	0.019	<0.015	NE
Napthalene	<0.014B	0.41	<0.014	<0.015 B	NE
Total VOCs	0.458	18.68	0.119	<0.015	10
Barium	37	55	64	68	300
Chromium	25	34	38	54	10
Lead	43	6.6	7.9	290	SB
Silver	2.2	1.1	0.54	<0.58	SB

All values reported as ppm (mg/kg)

Soil samples that exceeded NYSDEC TAGM values are bolded and shaded

No STARS semi volatile organics, or PCBs were detected.

NE=None Established

SB=Site Background

B Indicates estimated concentration

TABLE 2
Summary of Groundwater Sample Results
 Ciabattoni Property
 153 South Liberty Drive
 Stony Point, New York
 April 2006

Parameter	Groundwater Sample I.D.				TOGS Values
	SB-03	SB-04	SB-05	SB-06	
Benzene	1.4	2,800	3.1	1.2	0.7
Toluene	0.94B	2,600B	16B	0.91B	5
Ethylbenzene	10	2,300	63	1.0	5
Xylenes-total	20B	5,700B	56	2.3	5
Isopropylbenzene	4.9	150	32	<0.5	5
n-Propylbenzene	6.4	260	76	1.0	5
1,3,5-Trimethylbenzene	11	400	27	1.3	5
Tert-Butylbenzene	<0.5	<25	<0.5	<0.5	5
1,2,4-Trimethylbenzene	23B	1,100B	120B	3.7B	5
sec-Butylbenzene	1.0	<25	11	<0.5	5
p-Isopropyltoluene	0.70	<25	1.6	<0.5	5
n-Butylbenzene	<0.5	<25	<0.5	<0.5	5
Napthalene	0.6B	280B	48B	2.1B	10
MTBE*	<0.5	910	1.6	<0.5	10
Total VOCs	79.94	16,500	453.7	13.51	NE
Barium (total)	26,000	16,000	13,000	6,400	1,000
Barium (dissolved)	140	200	100	80	1,000
Chromium (total)	3,800	3,200	3,700	3,400	50
Chromium (dissolved)	18	10	10	<7	50
Lead (total)	650	600	840	340	50
Lead (dissolved)	<42	<42	<42	<42	50
Selenium (total)	<57	<57	<57	150	10
Selenium (dissolved)	<57	<57	<57	<57	10
Silver (total)	90	60	60	70	50
Silver (dissolved)	<10	<10	<10	<10	50

Notes:

TOGS=NYSDEC Technical and Operational Guidance Series (1.1.1)

All results in µg/l.

Ground water samples that exceeded NYSDEC GWQS are bolded and shaded.

B Indicates estimated concentration

NE indicates no standards established

$M = -13.581$
 $G = 0.668$

FIGURE 1
SITE LOCATION
149 SOUTH LIBERTY DRIVE
STONY POINT, NEW YORK
HRP # ATW0001.P2

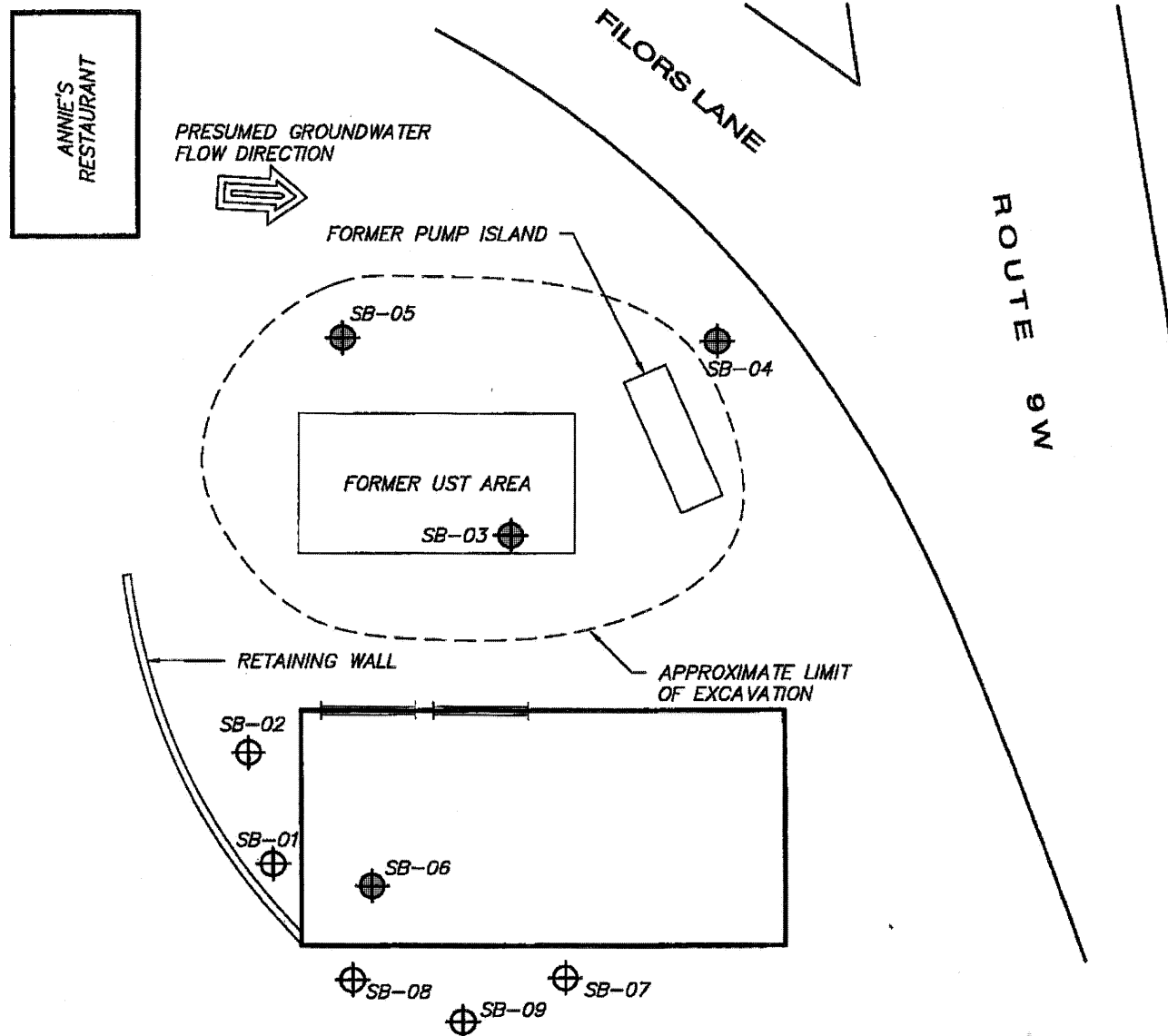


FIGURE 2
SITE PLAN
149 SOUTH LIBERTY DRIVE
STONY POINT, NEW YORK
HRP # ATW0001.P2
NOT TO SCALE

ATTACHMENT #1
SOIL BORING LOGS

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-01 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former Waste oil Tank Area				Hammer (wt/Fall): Rig Type: Mobile Drill Combination		Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
Depth (6" Intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)
1		0-4'	2	Loose, dry	0-1'	<u>Dark Brown coarse SAND</u> , trace gravel.	0
2					1-4'	<u>Brown SAND AND GRAVEL</u> , little silt.	0
3							
4							
5		4-5'	0	NA	NA	No Recovery, sampler refusal at 5'.	NA
6		5-9'	2.3'	Dense, dry	5-12'	<u>Greenish grey SAND AND GRAVEL</u> , trace silt.	0
7							
8							
9							
10		9-13'	1.7'	Med. Dense, wet	12-13'	<u>Reddish brown SILTY SAND</u> , trace fine gravel.	0
11							
12							
13							
14						Bottom of boring at 13'.	SS-Soil Sample HS-Head Space
15							
16							
17							
18							
19							
20							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard		
							trace 0-10% little 10-20% some 20-35% and 30-50%

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-02 Well # Sheet No. 1			
Type: Macrocore I.D.: 1.75" Location: Former Waste oil Tank Area				Hammer (w/Fall): Rig Type: Mobile Drill Combination		Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski			
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)		
1		0-4'	2.1'	Loose, dry	0-4'	<u>Grey fine rounded GRAVEL.</u>	0		
2									
3									
4									
5		4-8'	.5'	Loose, moist	4-10'	<u>Greyish green SAND AND GRAVEL</u> , little silt.	2		
6									
7									
8									
9		8-12'	2.6'				0		
10									
11						Dense, moist	10-12'	<u>Brown SILTY SAND</u> , trace fine rounded gravel.	0
12									
13						Bottom of boring at 12'.	SS-Soil Sample HS-Head Space		
14									
15									
16									
17									
18									
19									
20									
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions		
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence				
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard		trace 0-10% little 10-20% some 20-35% and 30-50%		

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-03 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former UST Area						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)
1		0-4'	1.5'	Loose, dry	0-4'	Grey SAND AND GRAVEL, little silt, trace brick fragments.	0
2							
3							
4							
5		4-8'	1.8'		4-8'	Greyish brown SILTY SAND, trace gravel.	0
6							
7							
8							
9		8-12'	2'	Loose, moist	8-12'	Brown SILTY SAND.	0
10							
11							
12							
13		12-15'	.9'		12-15'	Brownish grey SILTY SAND, trace fine rounded gravel.	0
14							
15							
16		15-19'	2.1'	Loose, wet	15-16'	Greyish brown medium SAND, ODOR.	3.6
17				Dense, dry	16-19'	Brown SILTY SAND, little fine rounded gravel.	
18							
19							
20		19-21'	0.5'		19-21'	Reddish brown SAND AND GRAVEL, little silt.	0
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard		
							trace 0-10% little 10-20% some 20-35% and 30-50%

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-03 Well # Sheet No. 2	
Type: Macrocore I.D.: 1.75" Location: Former UST Area						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
		Hammer (wt/Fall): Rig Type: Mobile Drill Combination					
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
21		Continued from page 1					
22		21-25'	1.4'	Dense, moist	19-25'	<u>Reddish brown SAND AND GRAVEL</u> , little silt.	0
23							0
24							0
25							0
26		25-29'	4'	Loose, wet	25-29'	<u>Greyish green medium SAND.</u>	0
27							0
28							0
29							0
30						Bottom of boring at 29'. Set temporary 1" PVC well to collect groundwater sample.	SS-Soil Sample HS-Head Space
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%	

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-04 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former Dispenser Area				Hammer (wt/Fall): Rig Type: Mobile Drill Combination		Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)
1		0-4'	0.8'	Loose, dry	0-4'	<u>Grey SAND AND GRAVEL</u> , little silt.	0
2							
3							
4							
5		4-8'	1.2'				0
6							
7							
8							
9		8-12'	1.4'	Loose, moist	4-18'	<u>Brownish grey SAND AND GRAVEL</u> , some wood fragments.	0
10							
11							
12							
13		12-15'	0.8'				2.2 Slight odor
14							
15							
16							
17		15-19'	1.9'				6.8 Odor
18							
19							
20							
		19-21'	1.4	Dense, dry	18-22'	<u>Reddish brown SILTY SAND</u> , trace gravel.	17.2 Strong odor
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			1.2
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density		Cohesive Consistence	Proportions
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense		0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-04 Well # Sheet No. 2	
Type: Macrocore I.D.: 1.75" Location: Former Dispenser Area						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
		Hammer (wt/Fall): Rig Type: Mobile Drill Combination					
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
21		Continued from page 1					
22		21-23'	0.5'	Loose, wet	21-23'	<u>Grey medium SAND.</u>	17.5
23							
24							
25						Augered to 25' to set 1" PVC well to collect groundwater sample.	SS-Soil Sample HS-Head Space
26							
27							
28							
29							
30							
GROUNDWATER OBSERVATIONS							
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%	

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-05 Well # Sheet No. 1				
Type: Macrocore I.D.: 1.75" Location: Northwest Edge of Excavation.				Hammer (w/Fall): Rig Type: Mobile Drill Combination		Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski				
Depth (6" Intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)			
1		0-4'	1.6'	Loose, dry	0-5'	<u>Greyish brown SAND AND GRAVEL</u> , little silt.	0			
2										
3										
4										
5		4-8'	1.7'		Loose, dry	5-14'	<u>Greyish brown SILTY SAND</u> , trace gravel.	0		
6										
7										
8										
9		8-12'	1.8'			Loose, dry	5-14'	<u>Greyish brown SILTY SAND</u> , trace gravel.	1.2 Slight odor	
10										
11										
12										
13		12-15'	1.2'				Loose, dry	5-14'	<u>Greyish brown SILTY SAND</u> , trace gravel.	3.4 Slight odor
14										
15										
16										
17		15-19'	2.5'	Dense, moist				14-17'	<u>Reddish brown SILTY SAND</u> , trace gravel.	2.2 Slight odor
18				Loose, wet				17-19'	<u>Greyish brown medium SAND</u> .	0
19										
20				Augered to 20', set 1" temporary PVC well to collect groundwater sample.						
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler				Proportions		
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence					
				0 - 4 very loose	0 - 2 very soft			trace 0-10% little 10-20% some 20-35% and 30-50%		
				5 - 9 loose	3 - 4 soft					
				10 - 29 med. dense	5 - 8 m/stiff					
				30 - 49 dense	9 - 15 stiff					
				50+ very dense	16 - 30 v/stiff					
					31+ hard					

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-06 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former In Ground Lift Area						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
				Hammer (wt/Fall): Rig Type: Mobile Drill Combination			
Depth (6" Intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)
1		0-4'	1.8'	Loose, dry	0-2'	<u>Grey SAND AND GRAVEL</u> , trace silt.	0
2							
3							
4							
5		4-8'	3'	Dense, moist	2-6'	<u>Greenish grey SILTY SAND</u> , trace gravel.	1.5
6							
7							
8							
9		8-9.5'	0.2'	Loose, moist	6-6.5'	<u>Greenish brown medium SAND</u>	2.7 odor
10							
11							
12							
13		10-12'	1.5	Dense, moist	10-12'	<u>Reddish brown SILTY SAND</u> , trace fine gravel.	0
14							
15							
16							
17		12-14'	0	NO RECOVERY			
18							
19							
20							
		Augered to 15'					
16		15-17'	0.6'	Loose, wet	15-17'	<u>Brown to light brown SILTY SAND</u> , some fine angular gravel.	0
17							
18							
19							
		Augered to 20', set 1" temporary PVC well to collect groundwater sample.					
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard		
							trace 0-10% little 10-20% some 20-35% and 30-50%

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-07 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Rear of Building (Alleged Dumping Area)						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
				Hammer (wt/Fall): Rig Type: Hand Dig			
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)
1		0-2'	2	Loose, dry	0-2	Brown SILTY SAND, some cobbles, trace metal pieces (wires, brake lines, sprockets).	0
2							
3						Bottom of boring at 2 feet	SS-Soil Sample HS-Head Space
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard		
						trace 0-10% little 10-20% some 20-35% and 30-50%	

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-08 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Rear of Building (Alleged Dumping Area)						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
				Hammer (wt/Fall): Rig Type: Hand Dig			
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, staining, odor, PID)	PID HS (ppm)
1		0-2'	2	Loose, dry	0-2	Brown SILTY SAND, some cobbles, trace metal pieces (wires, brake lines, sprockets).	0
2							
3						Bottom of boring at 2 feet	SS-Soil Sample HS-Head Space
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%	

Project: Stony Point HRP Job #: ATW00001.P2 Contractor: Aztech				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # SB-09 Well # Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Rear of Building (Alleged Dumping Area)						Start: 4/12/2006 Finish: 4/12/2006 Driller: Chris HRP Rep: Lovenduski	
				Hammer (wt/Fall): Rig Type: Hand Dig			
Depth (6" Intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID HS (ppm)
1		0-2'	2	Loose, dry	0-2	Brown SILTY SAND, some cobbles, trace metal pieces (wires, brake lines, sprockets).	0
2							
3						Bottom of boring at 2 feet	SS-Soil Sample HS-Head Space
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft	trace 0-10% little 10-20% some 20-35% and 30-50%	
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

ATTACHMENT #2
LABORATORY REPORT FORMS



HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

ANALYTICAL TEST RESULTS

N.Y.S.D.O.H. Lab ID#11140

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-02 (4 - 6')

MATRIX: Soil

LOCATION: Stony Point, NY

H.E.S.#: 060414F01

DATE SAMPLED: 04/12/06

TIME SAMPLED: 10:35 am

DATE SAMPLE RECD: 04/14/06

TYPE SAMPLE: Composite

SAMPLER: E.Lovenduski/HRP

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
MTBE	SW846-8260B	<14	ug/kg	04/18/06
Benzene	SW846-8260B	<14	ug/kg	04/18/06
Toluene	SW846-8260B	<14 B	ug/kg	04/18/06
Ethylbenzene	SW846-8260B	<14	ug/kg	04/18/06
Total Xylenes	SW846-8260B	89 B	ug/kg	04/18/06
Isopropylbenzene	SW846-8260B	<14	ug/kg	04/18/06
n-Propylbenzene	SW846-8260B	<14	ug/kg	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	240 B	ug/kg	04/18/06
tert-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	72 B	ug/kg	04/18/06
sec-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
p-Isopropyltoluene	SW846-8260B	57	ug/kg	04/18/06
n-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
Naphthalene	SW846-8260B	<14 B	ug/kg	04/18/06
Non-Target Peaks		Negative		
Acenaphthene	SW846-8270C	<270	ug/kg	04/25/06
Fluorene	SW846-8270C	<270	ug/kg	04/25/06
Phenanthrene	SW846-8270C	<270	ug/kg	04/25/06
Anthracene	SW846-8270C	<270	ug/kg	04/25/06
Fluoranthene	SW846-8270C	<270	ug/kg	04/25/06
Pyrene	SW846-8270C	<270	ug/kg	04/25/06
Benzo (a) anthracene	SW846-8270C	<270	ug/kg	04/25/06
Chrysene	SW846-8270C	<270	ug/kg	04/25/06
Benzo (b) fluoranthene	SW846-8270C	<270	ug/kg	04/25/06
Benzo (k) fluoranthene	SW846-8270C	<270	ug/kg	04/25/06
Benzo (a) pyrene	SW846-8270C	<270	ug/kg	04/25/06
Indeno (1,2,3-CD) pyrene	SW846-8270C	<270	ug/kg	04/25/06
Dibenz (a,h) anthracene	SW846-8270C	<270	ug/kg	04/25/06
Benzo (g,h,i) perylene	SW846-8270C	<270	ug/kg	04/25/06
Non-Target Peaks		Negative		
Total Solids	EPA 160.3	92	%	04/18/06





HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-02 (4 - 6')

H.E.S. #: 060414F01 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.86	mg/kg	04/25/06
Barium	SW846-6010B	37	mg/kg	04/25/06
Cadmium	SW846-6010B	<0.16	mg/kg	04/25/06
Chromium	SW846-6010B	25	mg/kg	04/25/06
Lead	SW846-6010B	43	mg/kg	04/25/06
Mercury	SW846-7471A	<0.06	mg/kg	04/25/06
Selenium	SW846-6010B	<3.0	mg/kg	04/25/06
Silver	SW846-7760A	2.2	mg/kg	04/25/06



**HUDSON ENVIRONMENTAL SERVICES, INC.**

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

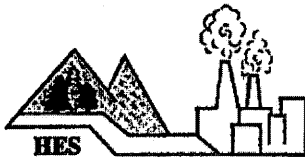
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.DATE SAMPLED: 04/12/06SAMPLE DESCRIPTION: SB-04 (17 - 19')TIME SAMPLED: 13:24 pmMATRIX: SoilDATE SAMPLE RECD: 04/14/06LOCATION: Stony Point, NYTYPE SAMPLE: CompositeH.E.S.#: 060414F02SAMPLER: E.Lovenduski/HRP

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
MTBE	SW846-8260B	16	ug/kg	04/18/06
Benzene	SW846-8260B	630	ug/kg	04/18/06
Toluene	SW846-8260B	3,800 B	ug/kg	04/18/06
Ethylbenzene	SW846-8260B	1,900	ug/kg	04/18/06
Total Xylenes	SW846-8260B	5,900 B	ug/kg	04/18/06
Isopropylbenzene	SW846-8260B	510	ug/kg	04/18/06
n-Propylbenzene	SW846-8260B	930	ug/kg	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	1,600	ug/kg	04/18/06
tert-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	2,800 B	ug/kg	04/18/06
sec-Butylbenzene	SW846-8260B	27	ug/kg	04/18/06
p-Isopropyltoluene	SW846-8260B	160	ug/kg	04/18/06
n-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
Naphthalene	SW846-8260B	410 B	ug/kg	04/18/06
Non-Target Peaks		Negative		
Total Solids	EPA 160.3	89	%	04/18/06





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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-04 (17 - 19')

H.E.S. #: 060414F02 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.89	mg/kg	04/25/06
Barium	SW846-6010B	55	mg/kg	04/25/06
Cadmium	SW846-6010B	<0.16	mg/kg	04/25/06
Chromium	SW846-6010B	34	mg/kg	04/25/06
Lead	SW846-6010B	6.6	mg/kg	04/25/06
Mercury	SW846-7471A	<0.07	mg/kg	04/25/06
Selenium	SW846-6010B	<3.2	mg/kg	04/25/06
Silver	SW846-7760A	1.1	mg/kg	04/25/06



**HUDSON ENVIRONMENTAL SERVICES, INC.**

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Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.**SAMPLE DESCRIPTION:** SB-06 (6 - 8')**MATRIX:** Soil**LOCATION:** Stony Point, NY**H.E.S.#:** 060414F03**DATE SAMPLED:** 04/12/06**TIME SAMPLED:** 15:39 pm**DATE SAMPLE RECD:** 04/14/06**TYPE SAMPLE:** Composite**SAMPLER:** E.Lovenduski/HRP

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
MTBE	SW846-8260B	<14	ug/kg	04/18/06
Benzene	SW846-8260B	<14	ug/kg	04/18/06
Toluene	SW846-8260B	<14 B	ug/kg	04/18/06
Ethylbenzene	SW846-8260B	<14	ug/kg	04/18/06
Total Xylenes	SW846-8260B	14 B	ug/kg	04/18/06
Isopropylbenzene	SW846-8260B	<14	ug/kg	04/18/06
n-Propylbenzene	SW846-8260B	27	ug/kg	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	22	ug/kg	04/18/06
tert-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	51 B	ug/kg	04/18/06
sec-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
p-Isopropyltoluene	SW846-8260B	19	ug/kg	04/18/06
n-Butylbenzene	SW846-8260B	<14	ug/kg	04/18/06
Naphthalene	SW846-8260B	<14 B	ug/kg	04/18/06
Non-Target Peaks		Negative		
Acenaphthene	SW846-8270C	<280	ug/kg	04/25/06
Fluorene	SW846-8270C	<280	ug/kg	04/25/06
Phenanthrene	SW846-8270C	<280	ug/kg	04/25/06
Anthracene	SW846-8270C	<280	ug/kg	04/25/06
Fluoranthene	SW846-8270C	<280	ug/kg	04/25/06
Pyrene	SW846-8270C	<280	ug/kg	04/25/06
Benzo (a) anthracene	SW846-8270C	<280	ug/kg	04/25/06
Chrysene	SW846-8270C	<280	ug/kg	04/25/06
Benzo (b) fluoranthene	SW846-8270C	<280	ug/kg	04/25/06
Benzo (k) fluoranthene	SW846-8270C	<280	ug/kg	04/25/06
Benzo (a) pyrene	SW846-8270C	<280	ug/kg	04/25/06
Indeno (1,2,3-CD) pyrene	SW846-8270C	<280	ug/kg	04/25/06
Dibenz (a,h) anthracene	SW846-8270C	<280	ug/kg	04/25/06
Benzo (g,h,i) perylene	SW846-8270C	<280	ug/kg	04/25/06
Non-Target Peaks		Negative		
Total Solids	EPA 160.3	92	%	04/18/06





HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-06 (6 - 8')

H.E.S. #: 060414F03 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.86	mg/kg	04/25/06
Barium	SW846-6010B	64	mg/kg	04/25/06
Cadmium	SW846-6010B	<0.16	mg/kg	04/25/06
Chromium	SW846-6010B	38	mg/kg	04/25/06
Lead	SW846-6010B	7.9	mg/kg	04/25/06
Mercury	SW846-7471A	<0.07	mg/kg	04/25/06
Selenium	SW846-6010B	<3.1	mg/kg	04/25/06
Silver	SW846-7760A	<0.54	mg/kg	04/25/06
Total PCB's	SW846-8082	<0.02	mg/kg	04/24/06



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CLIENT: HRP Associates
SAMPLE DESCRIPTION: SB-08 (0 - 2')
MATRIX: Soil
LOCATION: Story Point, NY
H.E.S.#: 060414F04

DATE SAMPLED: 04/12/06
TIME SAMPLED: 17:10 pm
DATE SAMPLE RECD: 04/14/06
TYPE SAMPLE: Composite
SAMPLER: E.Lovenduski/HRP

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
MTBE	SW846-8260B	<15	ug/kg	04/18/06
Benzene	SW846-8260B	<15	ug/kg	04/18/06
Toluene	SW846-8260B	<15	ug/kg	04/18/06
Ethylbenzene	SW846-8260B	<15	ug/kg	04/18/06
Total Xylenes	SW846-8260B	<15	ug/kg	04/18/06
Isopropylbenzene	SW846-8260B	<15	ug/kg	04/18/06
n-Propylbenzene	SW846-8260B	<15	ug/kg	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	<15	ug/kg	04/18/06
tert, Butylbenzene	SW846-8260B	<15	ug/kg	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	<15	ug/kg	04/18/06
sec-Butylbenzene	SW846-8260B	<15	ug/kg	04/18/06
p-Isopropyltoluene	SW846-8260B	<15	ug/kg	04/18/06
n-Butylbenzene	SW846-8260B	<15	ug/kg	04/18/06
Naphthalene	SW846-8260B	<15 B	ug/kg	04/18/06
Non-Target Peaks		Negative		
Acenaphthene	SW846-8270C	<330	ug/kg	04/25/06
Fluorene	SW846-8270C	<330	ug/kg	04/25/06
Phenanthrene	SW846-8270C	<330	ug/kg	04/25/06
Anthracene	SW846-8270C	<330	ug/kg	04/25/06
Fluoranthene	SW846-8270C	<330	ug/kg	04/25/06
Pyrene	SW846-8270C	<330	ug/kg	04/25/06
Benzo (a) anthracene	SW846-8270C	<330	ug/kg	04/25/06
Chrysene	SW846-8270C	<330	ug/kg	04/25/06
Benzo (b) fluoranthene	SW846-8270C	<330	ug/kg	04/25/06
Benzo (k) fluoranthene	SW846-8270C	<330	ug/kg	04/25/06
Benzo (a) pyrene	SW846-8270C	<330	ug/kg	04/25/06
Indeno (1,2,3-CD) pyrene	SW846-8270C	<330	ug/kg	04/25/06
Dibenz (a,h) anthracene	SW846-8270C	<330	ug/kg	04/25/06
Benzo (g,h,i) perylene	SW846-8270C	<330	ug/kg	04/25/06
Non-Target Peaks		Negative		
Total Solids	EPA 160.3	85	%	04/18/06





HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-08 (0 - 2')

H.E.S. #: 060414F04 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.94	mg/kg	04/25/06
Barium	SW846-6010B	68	mg/kg	04/25/06
Cadmium	SW846-6010B	<0.17	mg/kg	04/25/06
Chromium	SW846-6010B	54	mg/kg	04/25/06
Lead	SW846-6010B	290	mg/kg	04/25/06
Mercury	SW846-7471A	<0.07	mg/kg	04/25/06
Selenium	SW846-6010B	<3.3	mg/kg	04/25/06
Silver	SW846-7760A	<0.58	mg/kg	04/25/06

All results on a dry weight, except Total Solids.

B = The above test results meet all the requirements of NELAP with the following exception:
For method 8260B, method blank contamination was found.

Approval By:

Mirza M. Hussain

Technical Director
Dr. Mirza M. Hussain

Date: April 25, 2006

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Home

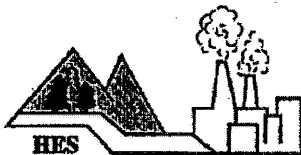
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ANALYTICAL TEST RESULTS N.Y.S.D.O.H. LAB ID#11140

CLIENT: HRP Associates, Inc.

DATE SAMPLED: 04/12/06

SAMPLE DESCRIPTION: SB-03

TIME SAMPLED: 11:00 am

MATRIX: Groundwater

DATE SAMPLE RECD: 04/14/06

LOCATION: Stony Point, NY

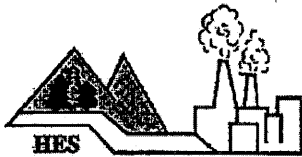
TYPE SAMPLE: Grab

H.E.S.#: 060414G01

SAMPLER: E.Lovendusky/HRP

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
MTBE	SW846-8260B	<0.5	0.5	ug/l	04/18/06
Benzene	SW846-8260B	1.4	0.5	ug/l	04/18/06
Toluene	SW846-8260B	0.94 B	0.5	ug/l	04/18/06
Ethylbenzene	SW846-8260B	10	0.5	ug/l	04/18/06
Total Xylenes	SW846-8260B	20 B	0.5	ug/l	04/18/06
Isopropylbenzene	SW846-8260B	4.9	0.5	ug/l	04/18/06
n-Propylbenzene	SW846-8260B	6.4	0.5	ug/l	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	11	0.5	ug/l	04/18/06
tert, Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	23 B	0.5	ug/l	04/18/06
sec-Butylbenzene	SW846-8260B	1.0	0.5	ug/l	04/18/06
p-Isopropyltoluene	SW846-8260B	0.70	0.5	ug/l	04/18/06
n-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
Naphthalene	SW846-8260B	0.6 B	0.5	ug/l	04/18/06
Non-Target Peaks		Negative			





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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-03

H.E.S. #: 060414G01 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	26	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	3.8	0.007	mg/l	04/20/06
Lead	SW846-6010B	0.65	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	0.09	0.01	mg/l	04/21/06

DISSOLVED METALS

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	0.14	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	0.018	0.007	mg/l	04/20/06
Lead	SW846-6010B	<0.042	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	<0.01	0.01	mg/l	04/21/06





HUDSON ENVIRONMENTAL SERVICES, INC.

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CLIENT: HRP Associates, Inc.
SAMPLE DESCRIPTION: SB-04
MATRIX: Groundwater
LOCATION: Stony Point, NY
H.E.S.#: 060414G02

DATE SAMPLED: 04/12/06
TIME SAMPLED: 2:00 pm
DATE SAMPLE RECD: 04/14/06
TYPE SAMPLE: Grab
SAMPLER: E.Lovendusky/HRP

PARAMETER	METHOD	RESULT	MRL	UNITS	TEST DATE
MTBE	SW846-8260B	910	25	ug/l	04/18/06
Benzene	SW846-8260B	2,800	25	ug/l	04/18/06
Toluene	SW846-8260B	2,600 B	25	ug/l	04/18/06
Ethylbenzene	SW846-8260B	2,300	25	ug/l	04/18/06
Total Xylenes	SW846-8260B	5,700 B	25	ug/l	04/18/06
Isopropylbenzene	SW846-8260B	150	25	ug/l	04/18/06
n-Propylbenzene	SW846-8260B	260	25	ug/l	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	400	25	ug/l	04/18/06
tert, Butylbenzene	SW846-8260B	<25	25	ug/l	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	1,100 B	25	ug/l	04/18/06
sec-Butylbenzene	SW846-8260B	<25	25	ug/l	04/18/06
p-Isopropyltoluene	SW846-8260B	<25	25	ug/l	04/18/06
n-Butylbenzene	SW846-8260B	<25	25	ug/l	04/18/06
Naphthalene	SW846-8260B	280 B	25	ug/l	04/18/06
Non-Target Peaks		Negative			





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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-04

H.E.S. #: 060414G02 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	16	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	3.2	0.007	mg/l	04/20/06
Lead	SW846-6010B	0.60	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	0.06	0.01	mg/l	04/21/06

DISSOLVED METALS

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	0.20	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	0.01	0.007	mg/l	04/20/06
Lead	SW846-6010B	<0.042	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	<0.01	0.01	mg/l	04/21/06





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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

DATE SAMPLED: 04/12/06

SAMPLE DESCRIPTION: SB-05

TIME SAMPLED: 3:00 pm

MATRIX: Groundwater

DATE SAMPLE RECD: 04/14/06

LOCATION: Stony Point, NY

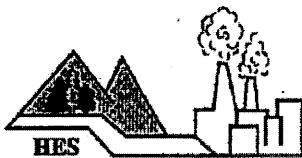
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H.E.S.#: 060414G03

SAMPLER: E.Lovendusky/HRP

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
MTBE	SW846-8260B	1.6	0.5	ug/l	04/18/06
Benzene	SW846-8260B	3.1	0.5	ug/l	04/18/06
Toluene	SW846-8260B	16 B	0.5	ug/l	04/18/06
Ethylbenzene	SW846-8260B	63	0.5	ug/l	04/18/06
Total Xylenes	SW846-8260B	56	0.5	ug/l	04/18/06
Isopropylbenzene	SW846-8260B	32	0.5	ug/l	04/18/06
n-Propylbenzene	SW846-8260B	76	0.5	ug/l	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	27	0.5	ug/l	04/18/06
tert-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	120 B	0.5	ug/l	04/18/06
sec-Butylbenzene	SW846-8260B	11	0.5	ug/l	04/18/06
p-Isopropyltoluene	SW846-8260B	1.6	0.5	ug/l	04/18/06
n-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
Naphthalene	SW846-8260B	48 B	0.5	ug/l	04/18/06
Non-Target Peaks		Positive			





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CLIENT: HRP Associates, Inc.

SAMPLE DESCRIPTION: SB-05

H.E.S. #: 060414G03 (Continued)

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	13	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	3.7	0.007	mg/l	04/20/06
Lead	SW846-6010B	0.84	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	0.06	0.01	mg/l	04/21/06

DISSOLVED METALS

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	0.10	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	0.01	0.007	mg/l	04/20/06
Lead	SW846-6010B	<0.042	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	<0.01	0.01	mg/l	04/21/06





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Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.

DATE SAMPLED: 04/12/06

SAMPLE DESCRIPTION: SB-06

TIME SAMPLED: 3:00 pm

MATRIX: Groundwater

DATE SAMPLE RECD: 04/14/06

LOCATION: Stony Point, NY

TYPE SAMPLE: Grab

H.E.S.#: 060414G04

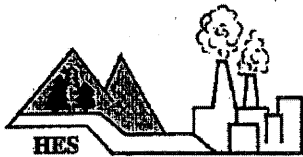
SAMPLER: E.Lovendusky/HRP

<u>PARAMETER</u>	<u>METHOD</u>	<u>RESULT</u>	<u>MRL</u>	<u>UNITS</u>	<u>TEST DATE</u>
MTBE	SW846-8260B	<0.5	0.5	ug/l	04/18/06
Benzene	SW846-8260B	1.2	0.5	ug/l	04/18/06
Toluene	SW846-8260B	0.91 B	0.5	ug/l	04/18/06
Ethylbenzene	SW846-8260B	1.0	0.5	ug/l	04/18/06
Total Xylenes	SW846-8260B	2.3 B	0.5	ug/l	04/18/06
Isopropylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
n-Propylbenzene	SW846-8260B	1.0	0.5	ug/l	04/18/06
1,3,5-Trimethylbenzene	SW846-8260B	1.3	0.5	ug/l	04/18/06
tert,Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
1,2,4-Trimethylbenzene	SW846-8260B	3.7 B	0.5	ug/l	04/18/06
sec-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
p-Isopropyltoluene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
n-Butylbenzene	SW846-8260B	<0.5	0.5	ug/l	04/18/06
Naphthalene	SW846-8260B	2.1 B	0.5	ug/l	04/18/06

Non-Target Peaks

Negative



**HUDSON ENVIRONMENTAL SERVICES, INC.**

Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803

Delivery: 211 Perry Blvd., So. Glens Falls, NY 12803

Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: HRP Associates, Inc.
SAMPLE DESCRIPTION: SB-06
H.E.S. #: 060414G04 (Continued)

PARAMETER	METHOD	RESULT	MRL	UNITS	TEST DATE
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	6.4	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	3.4	0.007	mg/l	04/20/06
Lead	SW846-6010B	0.34	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	0.15	0.057	mg/l	04/20/06
Silver	SW846-7760A	0.07	0.01	mg/l	04/21/06

DISSOLVED METALS

PARAMETER	METHOD	RESULT	MRL	UNITS	TEST DATE
Arsenic	SW846-6010B	<0.016	0.06	mg/l	04/20/06
Barium	SW846-6010B	0.08	0.003	mg/l	04/20/06
Cadmium	SW846-6010B	<0.003	0.003	mg/l	04/20/06
Chromium	SW846-6010B	<0.007	0.007	mg/l	04/20/06
Lead	SW846-6010B	<0.042	0.042	mg/l	04/20/06
Mercury	SW846-7471A	<0.001	0.001	mg/l	04/24/06
Selenium	SW846-6010B	<0.057	0.057	mg/l	04/20/06
Silver	SW846-7760A	<0.01	0.01	mg/l	04/21/06

NOTE: MRL = Minimum Reporting Limit

B = The above test results meet all the requirements of NELAC with the following exception:
For method 8260B, method blank contamination was found.

Approval By:

Mirza M. Hussain

Technical Director
Dr. Mirza M. Hussain

Date: April 25, 2006

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