

Summary of Analytical Data

New Bedford High School

New Bedford, Massachusetts



June 9, 2006

For more information, contact:

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Norwood, Massachusetts
(781) 255-1982



June 9, 2006

Mr. Scott Alfonse
Director, Environmental Stewardship
City of New Bedford
133 William Street, Room 311
New Bedford, MA 02740

*Re: New Bedford High School – Summary of Soil Sampling
Analytical Results*

Dear Mr. Alfonse:

The purpose of this letter is to present a summary of analytical results from soil sampling conducted at New Bedford High School between September 2004 and February 2006. We have also included soil boring logs for all soil boring subsurface information and a plan showing exceedances of S-1 Soil Standards and Background levels for each contaminant of concern.

Subsurface investigations have been performed at various times since September 2004 at the New Bedford High School property (located across the street from and to the east of the former McCoy Field). Soil/fill samples were collected and submitted for laboratory analysis of the following contaminants of concern:

- Polychlorinated biphenyls (PCBs);
- RCRA 8 Metals (TCLP analysis if triggered);
- Polynuclear aromatic hydrocarbons (PAHs);
- Semivolatile organic compounds (SVOCs); and
- Receiving facility parameters (flashpoint, reactivity, total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), pesticides and herbicides).

As you know, we obtained samples on a frequency that would enable us to reasonably characterize the site, while simultaneously compiling appropriate analytical data for off-site management of contaminated soil/ash. Supplemental sampling and analyses will be required prior to any response actions involving off-site management of contaminated soil/ash.

Soil Boring/Sampling Summary

Since September 2004, a total of 343 soil borings have been progressed at the High School property via Geoprobe. An additional 12 surface samples (0-6 inches) were collected by BETA personnel. Fill was encountered at 276 locations. Of the 276 locations with observed fill, 46 locations had fill at depths ≥ 3.0 feet below grade. Soil samples were collected at soil boring locations where fill was observed at depths less than three feet below grade. Refer to the attached soil boring log for a summary of subsurface materials encountered.

Playground Area

On February 22, 2006, six (6) soil borings (PG-1 through PG-6) were advanced using a Geoprobe®. Surface samples (0-6 inches) were collected at all locations and submitted for PCB analysis. Deeper samples were collected from soil boring PG-3 (6 to 18 inches) and PG-6 (6 inches to 3 feet) and submitted for analysis of PCBs, RCRA 8 Metals, and PAHs. The soil sample collected from 6 inches to 3 feet at soil boring location PG-6 was representative of the subsurface materials observed in all soil borings except PG-3. Reference is made to the attached letter dated March 7, 2006 that provides a summary of the playground sampling activities and results.

Summary of Analytical Results

PCB Analytical Results

A total of 259 grab samples were submitted for PCB analysis. The following PCB concentrations apply:

- Minimum.....Non-detect (below method detection levels);
- Maximum.....40.0 milligrams per kilogram (parts per million);
- Average.....2.7 parts per million (ppm); and
- Mean1.1 ppm.

Of the 259 samples, 69 exceeded 2 ppm Massachusetts Contingency Plan (MCP) Method 1 S-1 Soil Standard.

RCRA 8 Metals Results

A total of 158 composite and/or grab samples were submitted for RCRA 8 Metals analyses. An additional 56 samples were analyzed for total lead. If the total concentration for any metal exceeded the Toxicity Characteristic (20 Times) Rule, it was subjected to Toxicity Characteristic Leaching Procedure (per receiving facility requirements).

Arsenic

The minimum, maximum, and average arsenic concentrations are 0.56 ppm, 94.0 ppm, and 13.11 ppm, respectively. Eighteen (18) samples exceeded the S-1 Soil Standard (20 ppm).

Barium

The minimum, maximum, and average barium concentrations are 27.0 ppm, 15,400 ppm, and 923.53 ppm, respectively. Sixteen (16) samples exceeded the S-1 Soil Standard (1,000 ppm), 1

of which exceeded the upper concentration limit (UCL) of 10,000 ppm and the applicable TCLP limit.

Cadmium

The minimum, maximum, and average cadmium concentrations are 0.46 ppm, 82 ppm, and 6.38 ppm, respectively. Sixty eight (68) samples exceeded the S-1 Soil Standard (2 ppm), and forty eight (48) samples exceeded the "background level" of 3 ppm.

Chromium

The minimum, maximum, and average chromium concentrations are 5.0 ppm, 2,050 ppm, and 131.94 ppm, respectively. Fifty four (54) samples exceeded the S-1 Soil Standard (30 ppm), and forty two (42) samples exceeded the "background level" of 40 ppm. One (1) sample exceeded the UCL (2,000).

Lead

The minimum, maximum, and average lead concentrations are 3.0 ppm, 11,000 ppm, and 1,054 ppm, respectively. A total of 128 samples exceeded the S-1 Soil Standard (300 ppm), and 76 samples exceeded the "background level" of 600 ppm. Seven (7) samples exceeded the UCL (3,000 ppm) and eleven (11) samples exceeded the applicable TCLP limit. The minimum, maximum, and average TCLP results are <0.05 milligrams per liter (mg/l), 32.0 mg/l, and 2.4 mg/l, respectively.

Mercury

The minimum, maximum, and average mercury concentrations are 0.044 ppm, 76 ppm, and 1.62 ppm, respectively. One (1) sample exceeded the S-1 Soil Standard (20 ppm).

Selenium

The minimum, maximum, and average selenium concentrations are 0.66 ppm, 75.0 ppm, and 11.57 ppm, respectively. No samples exceeded the S-1 Soil Standard.

Silver

The minimum, maximum, and average silver concentrations are 0.15 ppm, 75.0 ppm, and 4.21 ppm, respectively. No samples exceeded the S-1 Soil Standard.

Semi-Volatile Organic Compounds (SVOCs) & PAHs

A total of 67 composite and grab samples were submitted for SVOC analysis. Of the 67 SVOC samples, 36 exceeded the one or more S-1 Soil Standards for PAH compounds within the SVOC contaminant group. Eleven (11) samples exceeded allowable "background levels", and one (1) sample exceeded the UCL for various PAHs.

A total of six (6) samples were submitted for PAH analyses. Four (4) samples exceeded S-1 Soil Standards for various compounds. Of the 4 samples, only one exceeded allowable "background levels".

Other Receiving Facility Requirements

Soil samples are well below receiving facility requirements for analytical parameters such as flashpoint, reactivity, TPH, VOCs, pesticides and herbicides.

Contaminants of Concern (COCs)

For the purpose of this analytical data review, a COC is a compound with a concentration that exceeds either the applicable MCP Method 1 Soil Standard or an applicable "background level" as outlined in "Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002." Upon review of the soil analytical data, the following COCs have been identified:

- PCBs;
- Arsenic;
- Barium;
- Cadmium;
- Chromium;
- Lead;
- Mercury; and
- PAHs (specifically phenanthrene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, ideno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene).

MCP Response Actions

While it is apparent that levels of contamination detected in surface soils do not currently pose an unacceptable level of risk to students, teachers, workers and other site, concentrations of the contaminants of concern in subsurface soils do exceed risk based levels established in the Massachusetts Contingency Plan (MCP). Reference is made to the enclosed sample location plan that depicts those areas of the site requiring response actions.

The likely and most cost effective response action would be to construct a permeable soil cap over the High School property, similar to the cap employed at the new Keith Middle School. That would conservatively meet the regulatory requirements for a condition of no significant risk in the top three feet of soil at the High School. An activity and use limitation, in conjunction with awareness training for High School maintenance personnel, is also recommended to achieve a condition of no significant risk for soils deeper than three feet. No ground water contamination is expected at this time; however, we should have additional groundwater sample results in the near future to support our hypothesis.

Over the next couple of weeks, we will further define proposed response actions and provide the City with an estimate of probable costs for the recommended response actions.

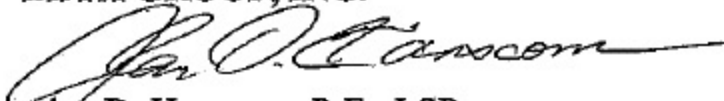
Adjacent Properties

Similar letter reports have been prepared for Walsh Field and the existing Keith Junior High School, since site access has been readily available. For the residential properties, Hetland Rink and the Bethel AME property, site access has delayed site characterization.

Please call me at (781) 255-1982 with any questions.

Very truly yours,

BETA GROUP, INC.



Alan D. Hanscom, P.E., LSP
Associate

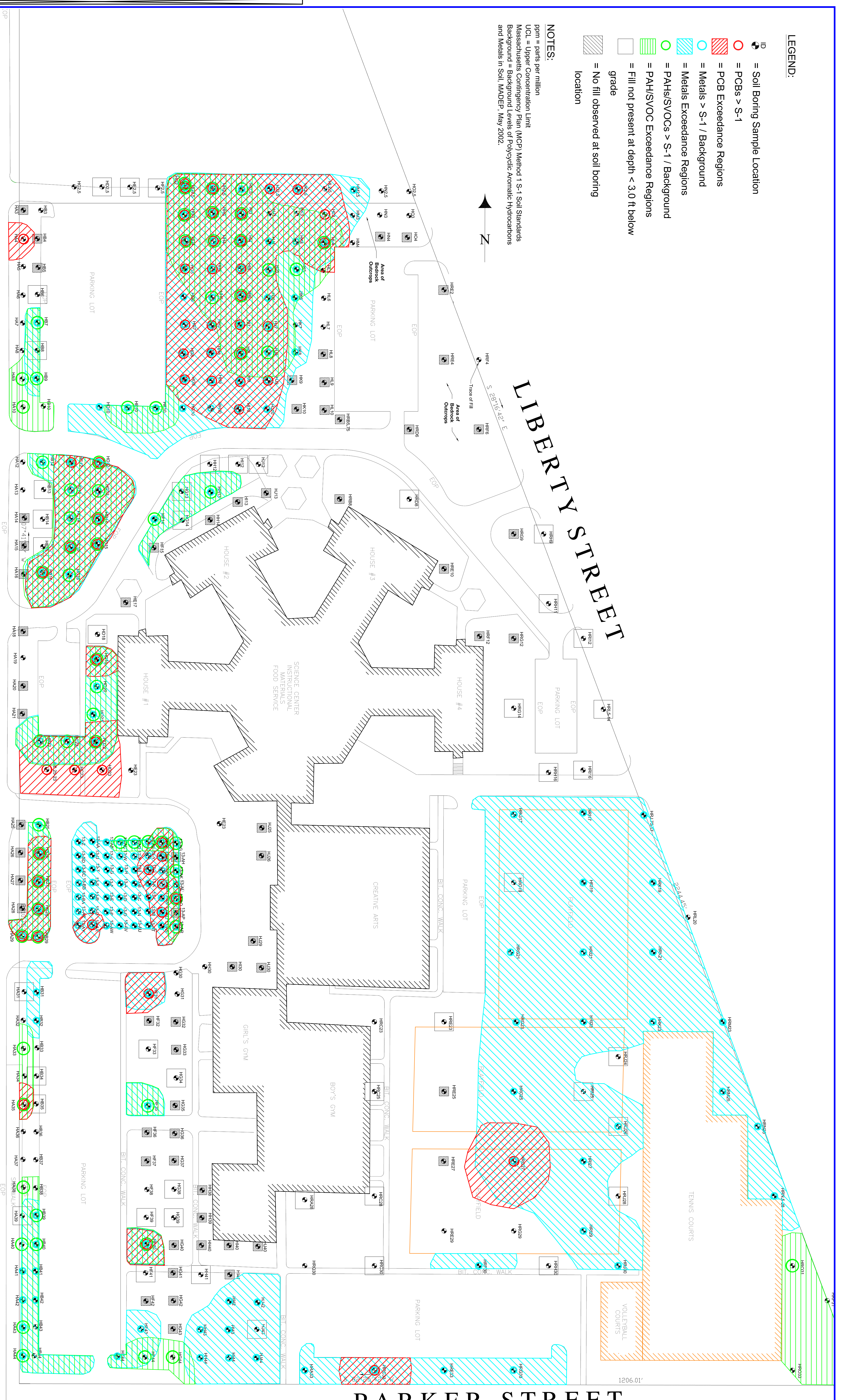
Enclosures

Cc: Lawrence Oliveira, NBPS
Jacqueline Coucci, City of New Bedford
Dave Billo, BETA Group, Inc.
Tim Downey, BETA Group, Inc.
Liz Connell, BETA Group, Inc.

SOIL SAMPLING PLAN

- LEGEND:**
- = Soil Boring Sample Location
 - = PCBs > S-1
 - = PCB Exceedance Regions
 - = Metals > S-1 / Background
 - = Metals Exceedance Regions
 - = PAHs/SVOCs > S-1 / Background
 - = PAHs/SVOC Exceedance Regions
 - = Fill not present at depth < 3.0 ft below grade
 - = No fill observed at soil boring location

NOTES:
 ppm = parts per million
 UCL = Upper Concentration Limit
 Massachusetts Contingency Plan (MCP) Method 1 S-1 Soil Standards
 Background = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002.



NUMBER	DATE	MADE BY	CHECKED BY	DESCRIPTION

For Reference Only

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SCALE: 1:60

New Bedford High School
S-1 / Background Exceedances
 New Bedford, Massachusetts

JOB: 03261
 FILE NO.:
 PLOT DATE:
 SHEET: 1

PLAYGROUND SOIL SAMPLING RESULTS

March 7, 2006

Mr. Scott Alfonse
Office of Environmental Stewardship
City of New Bedford
133 William Street
New Bedford, MA 02740

Re: Playground Soil Sampling
New Bedford High School – Subsurface Investigation Activities

Dear Mr. Alfonse:

On February 22, 2006, BETA personnel performed soil sampling at the New Bedford High School Playground located near the loading docks and adjacent to House #4. A total of six (6) soil borings (PG-1 through PG-6) were advanced using a Geoprobe®. Refer to the attached site plan for soil boring locations. Three soil boring locations (PG-1, PG-2, and PG-3) were chosen based on high intensity use (i.e. playground equipment). Two soil boring locations (PG-4 and PG-5) were located in areas of open space and one soil boring location (PG-6) was located near the fence gate. The purpose of this subsurface investigation was to characterize the subsurface materials present and to analyze for the presence of polychlorinated biphenyls (PCBs), heavy metals, and polynuclear aromatic hydrocarbons (PAHs). A total of six (6) soil borings (PG-1 through PG-6) were advanced to a depth of eight feet below the top of grade (mulch). At all soil boring locations, mulch was present at the surface to a depth of three inches.

Subsurface soil at boring locations PG-1, PG-2, PG-4, PG-5, and PG-6 consisted of clean, tan sandy backfill to a depth of five to six feet below grade. Native gray silt was observed at five to six feet below grade. At soil boring location PG-3, clean tan sandy backfill was observed at depths of three to six inches and 18 inches to approximately five feet. Fill consisting of moist, black coarse granular material was present at a depth of 6-18 inches. Native gray silt was observed at five to eight feet. Refer to the attached soil boring log for a summary of subsurface materials. Visual characterization of soil borings PG-1, PG-2, PG-4, PG-5, and PG-6 indicated that all material sampled appears to be clean mulch, sandy backfill and naturally occurring silt. The fill observed at PG-3 between 6 to 18 inches did not appear natural.

Surface samples (0-6 inches) were collected at all locations and submitted for PCB analysis. Deeper samples were collected from soil boring PG-3 (6 to 18 inches) and PG-6 (6 inches to 3 feet) and submitted for analysis of PCBs, RCRA 8 Metals, and PAHs. The soil sample collected from 6 inches to 3 feet at soil boring location PG-6 was representative of the subsurface materials observed in all soil borings except PG-3.

Laboratory analytical results are as follows:

- PCBs – All analytical results were non-detect as indicated on the enclosed PCB analytical summary table.
- RCRA 8 Metals – All analytical results were either non-detect or well below the applicable MCP S-1 Soil Standard as indicated on the enclosed RCRA 8 Metals analytical summary table.

March 7, 2006
Page 2

- PAHs - All analytical results were non-detect as indicated on the enclosed PAH analytical summary table.

Please feel free to call me with any questions.

Very Truly Yours,
BETA GROUP, INC.



Alan D. Hanscom, P.E., LSP
Associate

Cc: Jacqueline Coucci, City of New Bedford
William DoCarmo, City Project Manager
Larry Oliveira, School Department
Evan Warner, Mount Vernon Group Architects
Barbara Laughlin, BETA



HOUSE #4

RETAINING WALL

CHAIN LINK FENCE

GRANITE CURB

HIGH SCHOOL BUILDING

MULCH

SWING SET

PG-6

PG-3

DINO RIDE

WHALE RIDE

PG-2

GATE

ASPHALT

JUNGLE GYM EQUIPMENT

PG-1

GRANITE CURB

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New Bedford High School Playground

New Bedford, Massachusetts

Scale: 1" = 20'

Soil Boring Log

Date: 2/22/2006

Location: NEW BEDFORD HIGH SCHOOL PLAYGROUND

Sampler: Jim Smith

ID	Total Depth	Sample Depths	Analysis Requested			Mulch	Fill	Organics	Native/clean backfill	Comments
			PCB	RCRA 8	PAHs					
PG-1	8	0-6"	X	~	~	0-3"	~	~	3"-8'	Generally clean sand fill, native gray silt @ 5 - 6 ft below grade
PG-2	8	0-6", 6"-18"	X	~	~	0-3"	~	~	3"-8'	
PG-3	8	0-6"	X	X ¹	X ¹	0-3"	6"-18"	~	3"-6", 18"-8'	
PG-4	8	0-6"	X	~	~	0-3"	~	~	3"-8'	
PG-5	8	0-6"	X	~	~	0-3"	~	~	3"-8'	
PG-6	8	0-6", 6"-3'	X	X ¹	X ¹	0-3"	~	~	3"-8'	

Notes:

PCB = Polychlorinated biphenyls

RCRA 8 = RCRA 8 Metals

PAHs = Polynuclear aromatic hydrocarbons

¹ = Only PG-3@6"-18" and PG-6@6"-3' submitted for RCRA 8 Metals and PAH analyses.

**New Bedford High School Playground
Polychlorinated Biphenyls (PCBs)**

Sample Identification	Depth	Date Sampled	Date Extracted	Date Analyzed	Total PCBs	PCB-1221	PCB-1232	PCB-1016/1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1					2.0	~	~	~	~	~	~	~	~
UCL					100	~	~	~	~	~	~	~	~
PG-1@0-6"	0-6"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-2@0-6"	0-6"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-3@0-6"	0-6"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-3@6"-18"	6"-18"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-4@0-6"	0-6"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-5@0-6"	0-6"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-6@0-6"	0-6"	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
PG-6@6"-3'	6"-3'	2/22/06	2/23/06	2/24/06	ND	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)

NOTES:

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil.

(mg/kg) = milligrams per kilogram (parts per million (ppm))

ND = Not detected above Reporting Limit (RL). RL included in parentheses.

**New Bedford High School Playground
RCRA 8 Metals**

		RCRA 8 Metals							
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
MADEP Background ¹ Regulatory Limit UCL	S-1	20	1,000	2	30	300	20	400	100
		20	50 ²	3	40	600	1	1	5
		~	~	~	~	~	~	~	~
		300	10,000	800	10,000	6,000	600	10,000	2,000
Sample Identification	Date Sampled								
PG-3@6"-18"	2/22/06	1.22	43	0.36	26	3.24	ND	ND	ND
PG-6@6"-3'	2/22/06	0.786	4.93	ND	1.72	2.93	ND	ND	ND

NOTES:

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).

¹ = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002

² = In the absence of fill-specific data the "natural" soil value has been adopted (refer to ¹)

(mg/kg) = milligrams per kilogram (parts per million (ppm))

ND = Not detected above Reporting Limit

**New Bedford High School Playground
Polynuclear Aromatic Hydrocarbons (PAHs)**

	Naphthalene	2-Methylnaphthalene	Acenaphthylene	Acenaphthene	Dibenzofuran (RCS-1 Soil Standard)	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene (Dibenzo(a,h)anthracene)	Benzo(g,h,i)perylene (Benzo(g,h,i)perylene)	
	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	
S-1	40,000	500,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000	7,000	7,000	70,000	2,000	7,000	700	1,000,000	
MADEP Background	-	-	-	-	-	-	-	-	-	-	9,000	7,000	8,000	-	7,000	3,000	-	-	
UCL	-	10,000,000	10,000,000	10,000,000	-	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	100,000	400,000	100,000	400,000	100,000	100,000	100,000	10,000,000	
Sample Identification	Date Sampled	Date Analyzed																	
PG-3@6'-18"	2/22/06	2/28/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PG-6@6'-3'	2/22/06	2/28/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

(ug/kg) = micrograms per kilogram (parts per billion (ppb))

ND = not detected above Reporting Limit

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).

RCS-1 = Massachusetts Contingency Plan (MCP) Reportable Concentration Soil Standard for category S-1 soil. There is no S-1 Soil Standard listed in Section 40.0976(6) Tables 1 & 2.

¹ = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002

ANALYTICAL DATA

**New Bedford High School
Polychlorinated Biphenyls**

			Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1			2.0	~	~	~	~	~	~	~	~
UCL			100	~	~	~	~	~	~	~	~
Sample ID	Depth	Date									
SS-13-M-1-4'	1-4	9/2/04	0.05	ND	ND	ND	ND	0.0459	ND	ND	ND
SS-13-N-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-O-1-4'	1-4	9/2/04	0.04	ND	ND	ND	ND	0.0436	ND	ND	ND
SS-13-P-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-Q-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-R-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-C-1-4'	1-4	9/2/04	0.27	ND	ND	ND	ND	0.054	0.2120	ND	ND
SS-13-D-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-E-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-L-0.5-4'	0.5-4	9/2/04	0.7	ND	ND	ND	ND	0.572	0.143	ND	ND
SS-13-K-0.5-4'	0.5-4	9/2/04	0.1	ND	ND	ND	ND	0.133	ND	ND	ND
SS-13-B-0.5-4'	0.5-4	9/2/04	0.6	ND	ND	ND	ND	0.298	0.346	ND	ND
SS-13-A-0.5-4'	0.5-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-F-0.5-4'	0.5-4	9/2/04	0.07	ND	ND	ND	ND	0.0731	ND	ND	ND
SS-13-S-1-4'	1-4	9/2/04	1.86	ND	ND	ND	ND	1.34	0.519	ND	ND
SS-13-T-0.5-4'	0.5-4	9/2/04	0.23	ND	ND	ND	ND	0.1840	0.048	ND	ND
SS-13-G-0.5-4'	0.5-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-H-1-4'	1-4	9/2/04	0.45	ND	ND	ND	ND	0.358	0.0956	ND	ND
SS-13-I-1-4'	1-4	9/2/04	1.84	ND	ND	ND	ND	1.25	0.592	ND	ND
SS-13-J-2-4'	2-4	9/2/04	2.75	ND	ND	ND	ND	1.53	1.22	ND	ND
SS-13-Y-0.5-4'	0.5-4	9/2/04	0.97	ND	ND	ND	ND	0.671	0.296	ND	ND
DUPLICATE 125 (SS-13-Y)	1-4	9/2/04	0.59	ND	ND	ND	ND	0.367	0.226	ND	ND
SS-13-X-0.5-4'	0.5-4	9/2/04	0.08	ND	ND	ND	ND	0.0779	ND	ND	ND
SS-13-W-1-4'	1-4	9/2/04	0.14	ND	ND	ND	ND	0.0494	0.0899	ND	ND
SS-13-V-0.5-1.5'	0.5-1.5	9/2/04	0.17	ND	ND	ND	ND	0.134	0.0391	ND	ND
SS-13-U-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-Z-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-AA-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-AB-2.5-4'	2.5-4	9/2/04	0.10	ND	ND	ND	ND	0.0988	ND	ND	ND
SS-13-AC-2-4'	2-4	9/2/04	0.54	ND	ND	ND	ND	0.352	0.1870	ND	ND
SS-13-AD-1-4'	1-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-AE-1-4'	1-4	9/2/04	0.17	ND	ND	ND	ND	0.172	ND	ND	ND
SS-13-AF-0.5-4'	0.5-4	9/2/04	12.60	ND	ND	ND	ND	12.6	ND	ND	ND
SS-13-AK-0.5-1.5'	0.5-1.5	9/2/04	0.43	ND	ND	ND	ND	0.298	0.135	ND	ND
SS-13-AG-1-4'	1-4	9/2/04	0.06	ND	ND	ND	ND	0.0584	ND	ND	ND
SS-13-AO-1-4'	1-4	9/2/04	4.87	ND	ND	ND	ND	4.87	ND	ND	ND
SS-13-AR-0.5-1.5'	0.5-1.5	9/2/04	0.67	ND	ND	ND	ND	0.425	0.242	ND	ND
SS-13-AS-0.5-4'	0.5-4	9/2/04	0.67	ND	ND	ND	ND	0.439	0.23	ND	ND
SS-13-AT-1-4'	1-4	9/2/04	1.56	ND	ND	ND	ND	1.56	ND	ND	ND
SS-13-AU-1-4'	1-4	9/2/04	0.22	ND	ND	ND	ND	0.139	0.0804	ND	ND
SS-13-AV-1-4'	1-4	9/2/04	0.37	ND	ND	ND	ND	0.234	0.139	ND	ND
SS-13-AW-1-4'	1-4	9/2/04	1.66	ND	ND	ND	ND	1.66	ND	ND	ND
DUPLICATE 127 (SS-13-AW)	1-4	9/2/04	0.96	ND	ND	ND	ND	0.597	0.358	ND	ND
SS-13-AX-0.5-4'	0.5-4	9/2/04	2.21	ND	ND	ND	ND	2.21	ND	ND	ND
SS-13-AY-0.5-4'	0.5-4	9/2/04	0.18	ND	ND	ND	ND	0.13	0.0523	ND	ND
SS-13-AZ-0.5-4'	0.5-4	9/2/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS-13-BA-1-4'	1-4	9/2/04	0.64	ND	ND	ND	ND	0.427	0.21	ND	ND
SS-13-BB-1-4'	1-4	9/2/04	0.18	ND	ND	ND	ND	0.124	0.0575	ND	ND
SS-13-BC-1-4'	1-4	9/2/04	0.56	ND	ND	ND	ND	0.219	0.342	ND	ND
SS-13-BI-1-4'	1-4	9/2/04	2.24	ND	ND	ND	ND	1.440	0.796	ND	ND
SS-13-AJ-1-4'	1-4	9/2/04	1.06	ND	ND	ND	ND	0.719	0.341	ND	ND
SS-13-AN-1-4'	1-4	9/2/04	1.57	ND	ND	ND	ND	1.57	ND	ND	ND
SS-13-AQ-1-4'	1-4	9/2/04	5.48	ND	ND	ND	ND	5.48	ND	ND	ND
SS-13-AM-1-4'	1-4	9/2/04	4.56	ND	ND	ND	ND	4.56	ND	ND	ND
SS-13-BD-1-4'	1-4	9/2/04	0.22	ND	ND	ND	ND	0.221	ND	ND	ND
SS-13-AL-1-4'	1-4	9/2/04	0.46	ND	ND	ND	ND	0.461	ND	ND	ND
HS-1	0-6"	9/9/04	0.14	ND	ND	ND	ND	0.141	ND	ND	ND
HS-2	0-6"	9/9/04	6.51	ND	ND	ND	ND	6.51	ND	ND	ND
HS-3	0-6"	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
HS-4	0-6"	9/9/04	0.16	ND	ND	ND	ND	0.162	ND	ND	ND
HS-5	0-6"	9/9/04	0.63	ND	ND	ND	ND	0.629	ND	ND	ND
HS-6	0-6"	9/9/04	3.11	ND	ND	ND	ND	3.11	ND	ND	ND
HS-7	0-6"	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
HS-8	0-6"	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
HS-9	0-6"	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
HS-10	0-6"	9/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND
HS-11	0-6"	9/9/04	0.13	ND	ND	ND	ND	0.131	ND	ND	ND
HS-12	0-6"	9/9/04	0.44	ND	ND	ND	ND	0.438	ND	ND	ND
HA3-0.5-1'	0.5-1	12/29/04	0.64	ND	ND	ND	ND	0.637	ND	ND	ND
HA4-1-2'	1-2	12/29/04	11.30	ND	ND	ND	ND	11.3	ND	ND	ND
HA4-1-2'	1-2	12/29/04	2.79	ND	ND	ND	ND	2.79	ND	ND	ND
HA5-2.5-2.7'	2.5-2.7	12/29/04	1.08	ND	ND	ND	ND	1.08	ND	ND	ND
HA8-2.5-3'	2.5-3	12/29/04	1.06	ND	ND	ND	ND	1.06	ND	ND	ND
HA9-2.5-3'	2.5-3	12/29/04	1.92	ND	ND	ND	ND	1.92	ND	ND	ND
HA10-2.5-3'	2.5-3	12/29/04	0.62	ND	ND	ND	ND	0.62	ND	ND	ND
HA29-1-2.5'	1-2.5	12/30/04	2.63	ND	ND	ND	ND	2.370	ND	0.260	ND
HA33-1-3'	1-3	1/11/05	0.14	ND	ND	ND	ND	0.142	ND	ND	ND
HA35-1-1.5'	1-1.5	1/11/05	2.60	ND	ND	ND	ND	2.240	ND	0.361	ND
HA38-1-3'	1-3	1/11/05	1.34	ND	ND	ND	ND	1.340	ND	ND	ND
HA38-1-3'	1-3	1/11/05	0.48	ND	ND	ND	ND	0.483	ND	ND	ND

**New Bedford High School
Polychlorinated Biphenyls**

			Total PCBs	PCB-1221	PCB-1232	PCB-1016/ 1242	PCB-1248	PCB-1254	PCB-1260	PCB-1262	PCB-1268
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1			2.0	~	~	~	~	~	~	~	~
UCL			100	~	~	~	~	~	~	~	~
Sample ID	Depth	Date									
HRI29-1.5-3	1.5-3	2/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRJ-26-2.5-4	2.5-4	2/21/06	0.52	ND	ND	ND	ND	0.25	0.27	ND	ND
HRJ-30-2-3.5	2-3.5	2/21/06	0.42	ND	ND	ND	ND	0.25	0.17	ND	ND
HRJ.75-17-1-2.5	1-2.5	2/21/06	0.76	ND	ND	ND	ND	0.76	ND	ND	ND
HRK-19-1-3	1-3	2/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRK-21-1-3	1-3	2/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
Duplicate 1 HS (HRK-21-1-3)	1-3	2/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRK23-0.5-3	0.5-3	2/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRM-23-2-3	2-3	2/21/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRM-25-1.5-3	1.5-3	2/21/06	0.12	ND	ND	ND	ND	0.062	0.057	ND	ND
HRN26-0.5-3	0.5-3	2/22/06	0.23	ND	ND	ND	ND	ND	0.23	ND	ND
Duplicate 6 HS (HRN26-0.5-3)	0.5-3	2/22/06	0.22	ND	ND	ND	ND	ND	0.22	ND	ND
HRN28-1.5-3	1.5-3	2/22/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRO30-1.5-3	1.5-3	2/22/06	0.13	ND	ND	ND	ND	ND	0.13	ND	ND
HRO-30-1.5'-3'	1.5-3	2/22/06	0.21	ND	ND	ND	ND	0.098	0.11	ND	ND
HRO33-2-3	2-3	2/22/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRP31-1.5-3	1.5-3	2/22/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRP.5-33-1.5-3	1.5-3	2/22/06	ND	ND	ND	ND	ND	ND	ND	ND	ND
HRP.5-33-1.5'-3'	1.5-3	2/22/06	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
 S-1 = Massachusetts Contingency Plan Method 1 Soil Standard for Category S-1 soil (with GW-2/GW-3 Groundwater Standards)
 (mg/kg) = milligrams per kilogram (parts per million (ppm))
 ND = Not detected above method detection limit
ND with gray shading indicates concentration exceeding MCP S-1 Soil Standard
 ~ indicates that sample jar was broken in transit to laboratory
 UCL = Upper Concentration Limit

New Bedford High School

			RCRA 8 Metals								TCLP				
	Total Lead	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Lead	Barium	Mercury	Cadmium	Chromium	
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
S-1 Toxicity Characteristic (20 Times) Rule	300	20	1,000	2	30	300	20	400	100	-	-	-	-	-	
Regulatory Limit	100	100	2,000	20	100	100	-	20	100	-	-	-	-	-	
Imminent Hazard Threshold	-	-	-	-	-	-	-	-	-	5.0	100.0	0.2	1.0	5.0	
Background Levels ¹	600	20	50 ²	3	40	600	1	1	5	-	-	-	-	-	
UCL	3,000	200	10,000	300	2,000	3,000	300	8,000	2,000	-	-	-	-	-	
Sample Identification	Depth	Date													
HJ5+HK5	--	12/28/04	--	4.00	788	3.56	58	400	0.422	ND	ND	0.24	--	--	
HJ8+HI8	--	12/28/04	--	11.0	3,640	18.0	741	1,780	1.36	ND	2.33	0.56	--	<0.02	
Duplicate 208 (HJ8+HI8)	--	12/28/04	--	5.01	787	5.29	116	1,250	0.755	ND	1.00	0.72	--	--	
HJ9+HK8	--	12/28/04	--	5.94	1,510	3.37	206	526	0.532	ND	0.38	0.18	--	<0.02	
HJ10-1-3'	--	12/29/04	--	2.53	169	4.65	192	436	1.02	ND	ND	0.65	--	0.04	
HJ42+HF31	--	12/30/04	--	17.0	340	4.92	36	993	1.25	ND	0.48	1.28	--	--	
HJ44+HI43	--	12/30/04	--	3.85	176	1.96	11	447	0.103	ND	ND	0.36	--	--	
HK9+HJ6	--	12/28/04	--	35.0	638	12.0	476	3,000	4.29	ND	2.82	1.94	--	<0.02	
HK7+HL7	--	12/28/04	--	1.77	106	1.68	19	230	0.228	ND	0.40	2.77	--	--	
HG2.5+HH2.5	--	2/22/05	--	8.56	873	7.94	59	765	0.405	ND	0.40	1.1	--	--	
HJ2.5-0-2'	0-2	2/22/05	--	0.56	27	0.80	10	35	0.044	ND	ND	--	--	--	
HI2.5+HJ2.5	--	2/22/05	--	4.30	572	4.53	62	866	0.845	ND	0.71	1.6	--	--	
HK2.5+HM2.5	--	2/22/05	--	0.97	167	4.22	36	379	0.501	ND	0.25	1.2	--	--	
HO2.5+HO3	--	2/22/05	--	0.87	52	1.26	16	40	0.099	ND	0.22	--	--	--	
HN3+HM3	--	2/22/05	--	0.88	29	0.98	13	53	0.059	ND	ND	--	--	--	
HL3+HJ3	--	2/22/05	--	1.22	43	0.92	14	75	0.078	ND	ND	--	--	--	
HI3+HH3	--	2/22/05	--	7.93	595	7.17	81	4,330	0.608	ND	0.53	1.1	--	--	
HH3-0-1.5'	0-1.5	2/22/05	--	1.44	523	1.14	8	693	0.073	ND	ND	0.1	--	--	
HG3+HG4	--	2/22/05	--	3.36	316	2.09	22	354	0.344	ND	0.16	0.2	--	--	
HH4+HI4	--	2/22/05	--	9.07	1,210	11.0	177	2,280	1.92	ND	1.02	3.1	--	<0.02	
HJ4+HK4	--	2/22/05	--	4.62	593	3.14	66	359	0.32	ND	0.22	0.5	--	--	
HL4 ³	--	2/22/05	--	5.81	1,870	7.85	200	1,640	0.96	ND	0.74	-- ³	--	--	
Duplicate 218 (HL4)	--	2/22/05	--	5.93	1,980	6.03	146	1,020	0.343	ND	0.38	0.5	2.5	<0.02	
HS Comp 1	--	2/21/06	--	24.4	465	1.68	47.8	1,190	0.271	ND	2.83	0.4	--	--	
HS Comp 2	--	2/22/06	--	8.79	307	4.2	19	827	0.368	ND	1.8	--	0.06	--	
HS Comp 3	--	2/21/06	--	17.4	305	1.13	21.3	518	0.165	ND	ND	1.3	--	--	
HS Comp 4	--	2/22/06	--	7.03	283	0.87	7.59	633	0.480	ND	1.0	--	--	--	
HS Comp 5	--	2/21/06	--	24.7	484	ND	34.7	896	0.823	ND	2.86	5.3	--	--	
HS Comp 6	--	2/22/06	--	9.56	312	0.79	8.55	427	0.237	ND	0.4	--	--	--	
Duplicate 4 HS (HS Comp 6)	--	2/22/06	--	8.07	314	1.03	10	510	0.195	ND	1.25	0.6	--	--	
HS Comp 7	--	2/21/06	--	24.9	433	ND	37.1	506	ND	ND	<0.25	--	--	--	
HS Comp 8	--	2/22/06	--	7.23	156	1.26	9.82	354	0.421	ND	0.66	ND	0.4	--	
HS Comp 9	--	2/22/06	--	11	209	1.1	19.5	328	0.367	ND	ND	2.4	--	--	
Duplicate 3 HS (HS Comp 9)	--	2/22/06	--	14.6	259	2.5	20	839	0.52	ND	ND	0.4	--	--	
HS Comp 10	--	2/22/06	--	18	214	2.10	15	579	0.409	ND	1.50	ND	30.0	--	
HS Comp 11	--	2/22/06	--	17.9	256	2.7	33.5	1,480	0.454	ND	1.5	--	--	--	
HS Comp 12	--	2/22/06	--	8.71	166	2.60	12	2,670	0.455	ND	0.84	0.35	1.9	--	
HS Comp 13	--	2/22/06	--	10	57.7	ND	10.4	174	0.0754	ND	ND	<0.25	--	--	
HS Comp 14	--	2/22/06	--	4.13	90	0.46	7.73	107	0.206	ND	ND	0.1	--	--	
HS Comp 16	--	2/22/06	--	10	327	1.03	11	537	0.249	ND	0.5	--	--	--	

Notes:

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2/GW-3 Groundwater Standards).

¹ = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002

² = In the absence of fill-specific data the "natural" soil value has been adopted (refer to ¹)

³ = TCLP not run on sample HL4 due to insufficient sample volume

(mg/kg) = milligrams per kilogram (parts per million (ppm))

(mg/L) = milligrams per liter

-- = Constituent not analyzed

value Bold font indicates concentration exceeding Massachusetts Contingency Plan (MCP) S-1 Soil Standard

value Dark gray shading with bold font indicates concentration exceeding both S-1 Soil standard and Background Levels¹

value Black shading indicates concentration exceeding Regulatory TCLP Limit or UCL.

New Bedford High School (East Side)
Polynuclear Aromatic Hydrocarbons (PAHs)

		Naphthalene	2-Methylnaphthalene	Acenaphthylene	Acenaphthene	Dibenzofuran (RCS-1 Soil Standard)	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(e)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene	
		(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	
S-1		40,000	500,000	100,000	1,000,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000	7,000	7,000	70,000	2,000	7,000	700	1,000,000	
MADEP Background ¹		-	-	-	-	-	-	-	-	-	-	9,000	7,000	8,000	-	7,000	3,000	-	-	
UCL		10,000,000	10,000,000	10,000,000	10,000,000	-	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	3,000,000	400,000	3,000,000	10,000,000	300,000	3,000,000	300,000	10,000,000	
Sample Identification	Date Sampled																			
HS Comp 1	2/21/06	890	470	1,400	ND	-	980	8,600	2,000	10,000	8,500	4,400	4,000	4,400	1,900	3,800	2,300	570	2,400	
HS Comp 5	2/21/06	ND	ND	ND	ND	-	ND	ND	ND	380	380	ND	ND	ND	ND	ND	ND	ND	ND	
HS Comp 8	2/21/06	ND	ND	210	ND	ND	66	950	280	1,700	1,600	850	780	610	920	820	420	190	430	
HS Comp 10	2/22/06	91	170	560	440	150	750	6,500	1,700	5,200	5,600	2,900	2,900	1,500	2,300	2,200	920	530	1,100	
HS Comp 12	2/22/06	200	130	550	450	240	630	6,800	1,800	9,000	9,100	5,000	4,300	3,100	4,900	4,600	1,900	970	2,100	
HS Comp 13	2/22/06	ND	290	2,600	390	-	1,200	18,000	4,800	13,000	20,000	9,000	9,900	5,100	1,600	4,300	2,000	830	2,000	

NOTES:

(ug/kg) = micrograms per kilogram (parts per billion (ppb))

ND = not detected above method detection limit

S-1 = Massachusetts Contingency Plan Method 1 Soil Standard for Category S-1 soil (with GW-2/GW-3 Groundwater Standards)

RCS-1 = Massachusetts Contingency Plan (MCP) Reportable Concentration Soil Standard for category S-1 soil. There is no S-1 Soil Standard listed in Section 40.0976(6) Tables 1 & 2.

¹ = Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MADEP, May 2002

value Bold font indicates concentration exceeding MCP S-1 Soil Standard

value Dark gray shading with bold font indicates concentration exceeding Background Levels ¹

New Bedford High School
Volatile Organic Compounds (VOCs)

Sample Identification	Depth	Date Sampled	Date Analyzed	S-1/RCS-1 UCL											
				sec-Butylbenzene (ug/kg)	isopropyltoluene (ug/kg)	1,3-Dichlorobenzene (ug/kg)	1,4-Dichlorobenzene (ug/kg)	n-Butylbenzene (ug/kg)	1,2-Dichlorobenzene (ug/kg)	1,2-Dibromo-3-chloropropane (RCS-1) (ug/kg)	1,2,4-Trichlorobenzene (ug/kg)	Hexachlorobutadiene (ug/kg)	Naphthalene (ug/kg)	1,2,3-Trichlorobenzene (ug/kg)	
HRA33-1-3	1-3	2/22/06	2/28/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	ND
HRG25-0.5-3	0.5-3	2/21/06	2/28/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150	ND
HRJ29-1.5-3	1.5-3	2/21/06	2/28/06	ND	ND	ND	ND	ND	ND	ND	170	ND	ND	260	210
HRJ.75-17-1-2.5	1-2.5	2/21/06	2/24/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000	ND
HRM-25-1.5-3	1.5-3	2/21/06	2/24/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	450	ND
HRP.5-33-1.5-3	1.5-3	2/22/06	2/24/06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
 S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for Category S-1 soil.
 UCL = Upper Concentration Limit
 (ug/kg) = micrograms per kilogram (parts per billion (ppb))
 ND = not detected above method detection limit
 ~ = No standard available
value Bold font indicates concentration exceeding MCF

New Bedford High School (West Side) Semi Volatile Organic Compounds (SVOCs)

Table with columns for Sample Identification, Depth, Date, and various SVOCs (e.g., n-Nitrosodimethylamine, Pyridine, Phenol, Aniline, etc.) with values in (ug/kg) or ND.

Notes: (ug/kg) = micrograms per kilogram (parts per billion (ppb)) ND = not detected above method detection limit S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).

Notes: (ug/kg) = micrograms per kilogram (parts per billion (ppb)) ND = not detected above method detection limit S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).

New Bedford High School
Pesticides

Sample Identification	Depth	Date	Aldrin		alpha-BHC (RCS-1)		beta-BHC (RCS-1)		delta-BHC (RCS-1)		gamma-BHC (RCS-1)		alpha-Chlordane (RCS-1)		gamma-Chlordane (RCS-1)		Chlordane		4,4'-DDD		4,4'-DDE		4,4'-DDT		Dieldrin		Endosulfan I (RCS-1)		Endosulfan II (RCS-1)		Endosulfan sulfate		Endrin		Endrin aldehyde (RCS-1)		Endrin Ketone		Heptachlor		Heptachlore epoxide		Hexachlorobenzene		Methoxychlor		Toxaphene (RCS-1)			
			(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL		
S-1/RCS-1 UCL			0.04	-	50	-	10	-	10	-	0.003	-	0.7	-	0.7	-	0.7	-	4	-	3	-	3	-	0.05	-	1	-	1	-	-	-	8	-	10	-	-	-	0.2	-	0.09	-	0.7	-	200	-	10	-		
UCL			10	-	-	-	-	-	-	-	-	-	-	-	500	-	300	-	4	-	3	-	3	-	20	-	-	-	-	-	-	-	100	-	-	-	-	-	80	-	7.0	-	300	-	3,000	-	-	-		
HS COMP 1	~	2/21/06	ND	0.0011	ND	0.0011	ND	0.0011	ND	0.0011	ND	0.0011	ND	0.0011	ND	0.0011	ND	0.034	0.029	0.022	0.18	0.022	0.160	0.022	ND	0.0022	ND	0.0011	ND	0.0022	0.10	0.022	ND	0.0022	-	-	ND	0.0011	ND	0.0011	ND	0.0011	ND	0.011	-	-	-			
HS COMP 5	~	2/21/06	ND	0.00110	ND	0.00110	ND	0.00110	ND	0.00110	ND	0.00110	ND	0.00110	ND	0.00110	ND	0.034	ND	0.0022	ND	0.0022	ND	0.0022	ND	0.0022	ND	0.00110	ND	0.00220	ND	0.0022	ND	0.0022	-	-	ND	0.0022	ND	0.00110	ND	0.00110	ND	0.0011	ND	0.0110	-	-	-	
HS COMP 8	~	2/21/06	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.10	ND	0.01	ND	0.01	ND	0.01	ND	0.01	ND	0.005	ND	0.01	ND	0.01	ND	0.01	-	0.01	ND	0.01	ND	0.005	ND	0.005	-	-	ND	0.050	ND	5		
HS COMP 10	~	2/21/06	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.10	0.113	0.01	ND	0.01	0.123	0.01	ND	0.01	ND	0.005	ND	0.01	ND	0.01	ND	0.01	-	0.01	ND	0.01	ND	0.005	ND	0.005	-	-	ND	0.050	ND	5		
HS COMP 12	~	2/22/06	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.10	0.0126	0.01	0.0483	0.01	0.157	0.01	ND	0.01	ND	0.005	ND	0.01	ND	0.01	ND	0.01	ND	0.01	-	0.01	ND	0.01	ND	0.005	ND	0.005	-	-	ND	0.050	ND	5
HS COMP 13	~	2/22/06	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.026	ND	0.0017	0.18	0.017	0.046	0.017	ND	0.0017	ND	0.00085	ND	0.0017	ND	0.0017	ND	0.0017	-	-	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.00085	ND	0.0085	-	-	-	

NOTES:
 S-1 = Massachusetts Contingency Plan Method 1 Soil Standard for Category S-1 soil (GW-2/3 Category, whichever is more stringent).
 RCS-1 = Reportable Concentration for Category S-1 in absence of Method 1 Soil Standard.
 UCL = Upper Concentration Limit
 - = Not analyzed or no standard available.
 (mg/kg) = milligram per kilogram (parts per million (ppm))
 RL = Laboratory Reporting Limit
 ND = not detected above method detection limit
 † = Results were non detect, but laboratory Report Limits were elevated for Chlordane and Toxaphene due to PAH UCL exceedances and elevated concentrations of TPH - DRO.

**New Bedford High School
Herbicides**

S-1/RCS-1	2,4-D (RCS-1)		2,4,5-TP (Silvex) (RCS-1)		Dicamba (RCS-1)		Dichloroprop		2,4,5-T (RCS-1)		2,4-DB (RCS-1)		Dinoseb (RCS-1)			
	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL	(mg/kg)	RL		
	100	~	100	~	500	~	0.01	~	600	~	100	~	500	~		
Sample Identification	Depth	Date														
HS COMP 2	~	2/21/06	ND	0.250	ND	0.025	ND	0.025	ND	0.250	ND	0.025	ND	0.250	ND	0.025
HS COMP 6	~	2/21/06	ND	0.250	ND	0.025	ND	0.025	ND	0.250	ND	0.025	ND	0.250	ND	0.025
HS COMP 8	~	2/21/06	ND	0.250	ND	0.025	ND	0.025	ND	0.250	ND	0.025	ND	0.250	ND	0.025
HS COMP 10	~	2/21/06	ND	0.250	ND	0.025	ND	0.025	ND	0.250	ND	0.025	ND	0.250	0.043	0.025
HS COMP 12	~	2/22/06	ND	0.250	ND	0.025	ND	0.025	ND	0.250	ND	0.025	ND	0.250	ND	0.025
HS COMP 14	~	2/22/06	ND	0.250	ND	0.025	ND	0.025	ND	0.250	ND	0.025	ND	0.250	ND	0.025

NOTES:

S-1 = Massachusetts Contingency Plan Method 1 Soil Standard for Category S-1 soil (with GW-2/GW-3 Groundwater Standards)

RCS-1 = Reportable Concentration for Category S-1 in absence of Method 1 Soil Standard.

RL = Laboratory Reporting Limit

(mg/kg) = milligram per kilogram (parts per million (ppm))

~ = No standard available

ND = not detected above method detection limit

New Bedford High School
Total Petroleum Hydrocarbons, Flammability, Reactive Cyanide and Sulfide

		TPH		Flammability/ Ignitability	Reactive	
		DRO	GRO		Cyanide	Sulfide
		(mg/kg)	(mg/kg)		(mg/kg)	(mg/kg)
S-1		800	800	~	~	~
Receiving Facility Acceptance Limits		~	~	>140° F	Not Reactive	
Sample Identification	Date Sampled					
HRG25-0.5-3	2/21/06	~	17.3	~	~	~
HRA33-1-3	2/22/06	~	12.3	~	~	~
HRI29-1.5-3	2/21/06	~	9.4	~	~	~
HRJ.75-17-1-2.5	2/21/06	~	ND	~	~	~
HRM-25-1.5-3	2/21/06	~	ND	~	~	~
HRP.5-33-1.5-3	2/22/06	~	ND	~	~	~
HS COMP 1	2/21/06	3,800	~	>200	ND	ND
HS COMP 5	2/21/06	ND	~	>200	ND	ND
HS COMP 8	2/21/06	102	~	>200	ND	ND
HS COMP 10	2/21/06	28	~	>200	ND	ND
HS COMP 12	2/22/06	553	~	>200	ND	ND
HS COMP 13	2/22/06	750	~	>200	ND	ND

NOTES:

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

S-1 = Massachusetts Contingency Plan (MCP) Method 1 Soil Standard for category S-1 soil (with GW-2 Groundwater Standard).
(mg/kg) = milligrams per kilogram (parts per million (ppm))

° F = Degrees Fahrenheit

ND = Not detected above method detection limit

~ = Not analyzed or no standard available

value Bold font indicates concentration exceeding MCP S-1 Soil Standard

SOIL BORING SUMMARIES

New Bedford High School
 Subsurface Sampling Information
 Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Native/clean backfill	Comments
HA3	12/29/04	4	-	0-0.5		-	-	0.5-4	14 ft E due to electric line
HA5	12/29/04	8	2.5-2.7	0-1		2.5-2.7	-	1-2.5, 2.7-8	14 ft E due to electric line
HA6	12/29/04	4	-	0-1		2.9-3	-	1-2.9, 3-4	14 ft E due to electric line, Not enough to sample
HA7	12/29/04	4	-	0-0.75		2.8-2.9	-	0.75-2.8, 2.9-4	14 ft E due to electric line, Not enough to sample
HA8	12/29/04	4	2.5-3	0-0.75		2.5-3	-	0.75-2.75, 3-4	14 ft E due to electric line
HA9	12/29/04	4	2.5-3	0-0.5		2.5-3	-	0.5-2.5, 3-4	14 ft E due to electric line
HA10	12/29/04	4	2.5-3	0-0.5		2.5-3	-	0.5-2.5, 3-4	14 ft E due to electric line
HA12	12/29/04	4	-	0-0.5		2.7-2.8	-	0.5-2.7, 2.8-4	14 ft E due to electric line, Not enough to sample
HA13	12/29/04	8	-	0-0.5		2.8-2.9	-	0.5-2.8, 2.9-8	14 ft E due to electric line, Not enough to sample
HA14	12/29/04	4	-	0-1		-	-	1-4	14 ft E due to electric line
HA15	12/29/04	4	-	0-1		-	-	1-4	14 ft E due to electric line
HA16	12/29/04	4	-	0-0.75		-	-	0.75-4	14 ft E due to electric line
HA18	12/29/04	4	-	0-0.75		-	-	0.75-4	14 ft E due to electric line
HA19	12/29/04	8	-	0-1		2.5-2.6	-	1-2.5, 2.6-8	14 ft E due to electric line, Not enough to sample
HA20	12/29/04	4	-	0-1		-	-	1-4	14 ft E due to electric line
HA21	12/29/04	4	-	0-1		-	-	1-4	14 ft E due to electric line
HA25	12/30/04	4	-	0-0.75		-	-	0.75-4	14 ft E due to electric line
HA26	12/30/04	4	-	0-0.5		-	-	0.5-4	14 ft E due to electric line
HA27	12/30/04	8	-	0-0.5		-	-	0.5-8	14 ft E due to electric line
HA28	12/30/04	4	-	0-0.5		-	-	0.5-4	14 ft E due to electric line
HA29	12/30/04	4	1-2.5	0-1		1-2.5	-	2.5-4	14 ft E due to electric; fill-like material sampled
HA31	1/1/05	5	-	0-1.5		3.25-3.4	-	1.5-3.25, 3.4-5	
HA32	1/1/05	4	-	0-1.25		1.25-1.35	-	1.35-4	
HA33	1/1/05	4	1-3	0-1		1-3	-	3-4	4 ft S due to tree
HA34	1/1/05	8	-	0-0.5		1-1.5	-	0.5-8	
HA35	1/1/05	4	1-1.5	0-1		-	-	1.5-4	
HA36	1/1/05	4	-	0-1		-	-	1-4	
HA37	1/1/05	4	-	0-1.25		-	-	1.25-4	
HA38	1/1/05	8	1-3	0-1		1-7.75	-	-	
HA39	1/1/05	4	-	0.3-5		3.5-4	-	-	
HA40	1/1/05	4	0.5-3	0-0.5		0.5-4	-	-	
HA41	1/1/05	7.5	0.75-3	0-0.75		0.75-7	7-7.5	-	Refusal @ 7.5ft
HA42	1/1/05	4	0.5-3	0-0.5		0.5-4	-	-	
HA43	1/1/05	4	0.75-3	0-0.75		0.75-4	-	-	
HA44	1/1/05	8	0.75-3	0-0.75		0.75-5	7.25-8	5.7-2.5	2 ft N due to tree
HB3	12/29/04	4	2-3	0-1		2-3	-	1-2, 3-4	
HB4	12/29/04	4	-	0-0.75		-	-	0.75-4	
HB5	12/28/04	4	-	0-0.75		-	-	0.75-4	4 ft N
HB6	12/28/04	8	-	0-1		5.6-5	6.5-8	1-5	
HB7	12/28/04	4	2.75-3	0-2.75		2.75-4	-	-	
HB8	12/28/04	4	-	0-0.75		3.5-4	-	-	3 ft N
HB9	12/28/04	4	2.5-3	0-0.5		2.5-4	-	0.5-2.5	
HB10	12/28/04	8	2.5-3	0-1.25		2.5-7	7-8	1.25-2.5	
HB12	12/29/04	8	2.5-3	0-1		2.5-7	7-8	1-2.5	
HB13	12/29/04	4	-	0-0.75		-3.4	-	0.75--3	

New Bedford High School
Subsurface Sampling Information
Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Native/clean backfill	Comments
HB14	12/29/04	4	-	0-1		3.25-4	-	1-3.25	
HB15	12/29/04	4	-	0-1		3.25-4	-	1-3.25	
HB16	12/29/04	8	2.5-3	0-0.75		2.5-7	7-8	0.75-2.5	
HB22	12/29/04	8	1.25-3	0-1.25		1.25-6	6-8	-	
HB23	12/29/04	4	0.75-3	0-0.75		0.75-4	-	-	10 ft N due to electric line
HB25	12/30/04	4	1-3	0-1		1-4	-	-	
HB26	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HB27	12/30/04	8	1-3	0-1		1-7.9	7.9-8	-	
HB28	12/30/04	4	1.5-3	0-1.5		1.5-4	-	-	
HB29	12/30/04	4	1-3	0-1		1-4	-	-	DUPLICATE 212
HB31	12/30/04	4	2-3	0-2		2-4	-	-	
HB32	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HB33	12/30/04	4	0.2-3	0-0.2		0.2-4	-	-	
HB34	12/30/04	4	-	0-0.5		3.75-4	-	0.5-3.75	
HB35	12/30/04	4	-	0-1		3.5-4	-	1-3.5	
HB36	12/30/04	8	0.5-3	0-0.5		0.5-7	7-8	-	
HB37	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HB38	12/30/04	4	0.2-3	0-0.2		0.2-4	-	-	
HB39	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HB40	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HB41	12/30/04	8	0.5-3	0-0.5		0.5-6.25	6.25-8	-	
HB42	12/30/04	4	0.2-3	0-0.2		0.2-4	-	-	
HB43	12/30/04	4	1.5-3	0-1.5		1.5-4	-	-	
HB44	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HC2.5	2/22/05	3	-	-	0-1	-	-	1-3	Refusal @ 2.3, 3 ft moved to next location
HC12	12/29/04	4	2-3	0-0.75		2-4	-	0.75-2	
HC13	12/29/04	4	1.5-3	0-1		1.5-4	-	1-1.5	
HC14	12/29/04	4	2.5-3	0-1.25		2.5-4	-	1.25-2.5	
HC15	12/29/04	4	2-3	0-1		2-4	-	1-2	
HC16	12/29/04	4	1.5-3	0-0.75		1.5-4	-	0.75-1.5	
HC22	12/29/04	4	1-3	0-1		1-4	-	-	DUPLICATE 211
HC23	12/29/04	4	1-3	0-1		1-4	-	-	10 ft N due to electric line
HC30	12/30/04	4	-	-		-	-	-	Not drilled due to fire line (water)
HD2.5	2/22/05	8	-	-	0-1	3.25-6.5	6.5-8	1-3.25	
HD10	12/28/04	4	1-3	0-1	0-1	1-4	-	-	DUPLICATE 209
HD12	12/29/04	8	1-3	0-0.5		1.6-5	6.5-8	0.5-1	
HD13	12/29/04	4	1-3	0-1		1-4	-	-	
HD14	12/29/04	4	2-3	0-1		2-4	-	1-2	
HD15	12/29/04	8	1.5-3	0-1		1.5-7.5	7.5-8	1-1.5	5 ft W due to snow bank
HD17	12/29/04	-	-	-		-	-	-	Not drilled due to proximity to electric
HD18	12/29/04	4	-	0-1.5		2.9-4	-	1.5-2.9	5 ft E due to utility, Not enough to sample
HD19	12/29/04	8	2-3	0-0.75		2.7-9	7.9-8	0.75-2	
HD20	12/29/04	4	1.5-3	0-1		1.5-4	-	1-1.5	
HD21	12/29/04	4	1-3	0-1		1-4	-	-	5 ft S due to electric
HD22	12/29/04	4	1-3	0-1		1-4	-	-	

New Bedford High School
Subsurface Sampling Information
Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Natural/clean backfill	Comments
HD23	12/29/04	4	2-3	0-1		2-4	-	1-2	10 ft N due to electric line
HD30	12/30/04	4	-	-		-	-	-	Not drilled due to fire line (water)
HE2.5	2/22/05	8	-	-		3.5-5	5-7	1.3.5; 7-8	Till @ 7 ft
HE10	12/28/04	5	1.5-5	0-1.5		1.5-5	-	-	
HE17	12/29/04	4	-	0-1		-	-	1-4	Not drilled due to utility
HE22	12/29/04	4	-	-		-	-	-	Not drilled due to questionable utilities
HE23	12/30/04	4	-	-		-	-	1-4	10 ft N due to utilities
HE30	12/30/04	4	-	0-1		-	-	-	Not drilled due to fire line (water)
HE44	12/30/04	4	1.5-3	0-1.5		1.5-4	-	-	
HE2.5	2/22/05	5	-	-	0-1	3.25-4	4.5-5	1.3.25; 4.4.5	Refusal @ 5 ft
HE10	12/28/04	5	2-3	0-2		2-5	-	-	
HE11	12/29/04	-	-	-		-	-	-	Not drilled due to proximity to water (fire) line
HE14	12/29/04	4	2-3	0-1		2-4	-	1-2	
HE15	12/29/04	4	-	0-1.25		-	-	1.25-4	
HE22	12/30/04	4	-	-		-	-	-	Not drilled due to questionable utilities
HE23	12/30/04	4	-	-		-	-	-	Not drilled due to questionable utilities
HE30	12/30/04	4	-	-		-	-	-	Not drilled due to fire line (water)
HE31	12/30/04	4	0.5-1, 2.5-3	0-0.5		0.5-1, 2.5-3	-	1-2.5	
HE32	12/30/04	4	-	0-1		-	-	1-4	
HE33	12/30/04	4	-	0-1.25		3.75-4	-	1.25-3.75	
HE34	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HE35	12/30/04	4	2.5-3	0-1		2.5-4	-	1-2.5	
HE36	12/30/04	4	-	0-1		-	-	1-4	
HE37	12/30/04	4	-	0-1.5		-	-	1.5-4	
HE38	12/30/04	8	-	0-0.75		5-7	7-8	0.75-5	
HE39	12/30/04	4	-	0-1		3.25-4	-	1-3.25	
HE40	12/30/04	4	2.5-3	0-0.5		2.5-4	-	0.5-2.5	
HE41	12/30/04	4	-	0-0.5		3.5-4	-	0.5-3.5	
HE42	12/30/04	4	-	0-1		-	-	1-4	
HE43	12/30/04	8	2.5-3	0-1		2.5-5	5-8	1-2.5	5 ft S due to utility
HE44	12/30/04	4	0.5-3	0-0.5		0.5-4	-	-	
HG2	12/29/04	4	1-3	0-1		1-4	-	-	
HG2.5	2/22/05	8	1-3	0-1		1.5-5	5.5-6	6-8	
HG3	2/22/05	8	1-3	0-1		1-7	5-8	7-8	
HG4	12/29/04	4	1-3	0-1		1-4	-	-	4 ft E due to refusal @ 2 ft at original location
HG5	12/28/04	4	0.5-3	0.05		0.5-4	-	-	
HG6	12/28/04	7	0.5-3	0-0.5		0.5-6	-	6-7	
HG7	12/28/04	5	0.75-3	0-0.75		0.75-5	-	-	
HG8	12/28/04	5	1.5-3	0-1.5		1.5-5	-	-	
HG9	12/28/04	5	1.5-3	0-1.5		1.5-5	-	-	DUPLICATE 207
HG10	12/28/04	9	2-3	0-2		2-6	6-9	-	Refusal @ 9 ft
HG13	12/29/04	8	-	0-1		3.5-5.5	5.5-7.75	1-3.5, 1.75-8	

New Bedford High School
Subsurface Sampling Information
Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Native/clean backfill	Comments
HG14	12/29/04	8	-	0-1		3.9-6.5	6.5-8	1-3.9	Not drilled due to utilities
HG30	12/30/04	4	-	-		-	-	-	
HG31	12/30/04	8	-	0-1		3.8-7.9	7.9-8	1-3.8	
HG32	12/30/04	4	-	0-1.25		-	-	1.25-4	
HG33	12/30/04	4	-	0-1		-	-	1.4	
HG34	12/30/04	4	-	0-1		3.5-4	-	1-3.5	
HG35	12/30/04	4	-	0-1		-	-	1.4	
HG36	12/30/04	4	-	0-1		-	-	1.4	
HG37	12/30/04	4	-	0-1		-	-	1.4	
HG38	12/30/04	4	-	0-1		3.9-4	-	1-3.9	Utility backfill
HG39	12/30/04	8	-	0-0.5		7.7-5	7.5-8	0.5-7	Utility backfill
HG40	12/30/04	4	-	0-1		-	-	1.4	
HG40	12/30/04	4	-	0-1		-	-	1.4	
HG41	12/30/04	4	-	0-0.5		-	-	0.5-4	
HG41	12/30/04	4	-	0-1		-	-	1.4	Utility backfill
HG42	12/30/04	4	-	0-1		-	-	1.4	
HG43	12/30/04	4	-	0-1		-	-	1.4	
HG44	12/30/04	4	-	0-1		1.4	-	-	
HH25	2/22/05	8	1.5-3	0-1.5		1.5-3	3.4	4-8	
HH25	2/22/05	4	1.5-3	0-1.5		1.5-3	3-3.5	-	
HH4	2/22/05	4	1-3	0-1		1-4	-	-	
HH5	12/28/04	5	0.75-3	0-0.75		0.75-5	-	-	
HH6	12/28/04	5	2-3	0.2		2-5	-	-	
HH7	12/28/04	6.5	1.25-3	0-1.25		1.25-6	6-6.5	6-6.5	Refusal @6.5 ft: organics and till mixed
HH8	12/28/04	9	0.5-3	0-0.5		0.5-5.5	5.5-7.5	7.5-9	Refusal @9 ft
HH9	12/28/04	5	1-3	0-1		1-5	-	-	
HH10	12/29/04	4	1.5-3	0-1.5		1.5-4	-	-	Highly compressed
HH12	12/29/04	8	-	0-0.75		3.5-4.5	4.5-8	0.75-3.5	
HH13	12/29/04	4	1.5-3	0-1.5		1.5-4	-	-	
HH14	12/29/04	4	-	0-0.5		-	-	0.5-4	
HH25	12/30/04	4	-	-		-	-	-	Not drilled due to utilities, HH25-29 could not be relocated due to cement/brick
HH26	12/30/04	4	-	-		-	-	-	Not drilled due to utilities, HH25-29 could not be relocated due to cement/brick
HH27	12/30/04	4	-	-		-	-	-	Not drilled due to utilities, HH25-29 could not be relocated due to cement/brick
HH28	12/30/04	4	-	-		-	-	-	Not drilled due to utilities, HH25-29 could not be relocated due to cement/brick
HH29	12/30/04	4	-	-		-	-	-	Not drilled due to utilities, HH25-29 could not be relocated due to cement/brick
HH30	12/30/04	4	-	0-1.25		-	-	1.25-4	Not drilled due to utilities
HH31	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HH32	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HH33	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HH34	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HH35	12/30/04	4	-	-		-	-	-	Not drilled due to utilities

New Bedford High School
Subsurface Sampling Information
Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Native/clean backfill	Comments
HH36	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HH37	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HH38	12/30/04	4	-	0-0.5		-	-	0.5-4	
HH39	12/30/04	4	-	0-1		-	-	1-4	
HH40	12/30/04	4	-	0-1.5		-	-	1.5-4	
HH41	12/30/04	8	-	0-1		4.5-7.5	7.5-8	1-4.5	Not drilled due to questionable utilities
HH42	12/30/04	4	-	-		-	-	-	
HH43	12/30/04	4	1.5-3	0-1		1.5-4	-	1-1.5	
HH44	12/30/04	4	2.5-3	0-1		2.5-4	-	1-2.5	
HI2.5	2/22/05	8	1-2	0-1		1-2	-	2-8	
HI3	2/22/05	4	1-3	0-1		1-3.25	3.25-4	-	
HI4	2/22/05	4	1-3	0-1		1-4	-	-	
HI5	12/28/04	5	1-3	0-1		1-4	-	4-5	
HI6	12/28/04	8	1-3	0-1		1.5-5	-	5.5-8	
HI7	12/28/04	9	1-3	0-1		1.6-5	-	6.5-9	2 ft W & 1 ft N due to tree
HI8	12/28/04	5	0.75-3	0-0.75		0.75-5	-	-	DUPLICATE 208 = Comp HI8 & HI8
HI9	12/28/04	5	0.75-3	0-0.75		0.75-5	-	-	
HI10	12/29/04	4	1-3	0-1		1-5	5-7	7-8	
HI12	12/29/04	4	-	0-1		3.5-4	-	1-3.5	
HI13	12/29/04	4	-	0-1.5		-	-	1.5-4	
HI30	12/30/04	4	-	0-1		-	-	1-4	
HI40	12/30/04	4	-	0-0.5		-	-	0.5-4	
HI41	12/30/04	4	-	0-0.5		-	-	0.5-4	
HI42	12/30/04	4	2.5-3	0-1		2.5-4	-	1-2.5	
HI43	12/30/04	4	1.5-3	0-1.5		1.5-4	-	-	
HI44	12/30/04	4	1-3	0-1		1-4	-	-	
HI2.5	2/22/05	4	2-3	0-2		2-3	-	3-4	
HI3	2/22/05	4	2.5-3	0-2.5		2.5-3	3-3.25	3.25-4	
HI4	2/22/05	4	1.5-3	0-1.5		1.5-4	-	-	
HI5	12/28/04	8	2-3	0-2		2-6	-	6-8	
HI6	12/28/04	5	1-2.5	0-1		1-2.5	-	2.5-5	
HI7	12/28/04	4	1-3	0-1		1-4	-	-	Refusal @ 4 ft
HI8	12/28/04	5	0.5-2.5	0-0.5		0.5-2.5	2.5-4.5	4.5-5	DUPLICATE 208 = Comp HI8 & HI8
HI9	12/28/04	10	1-3	0-1		1-4	-	4-10	2.5-4.5 ft - black, medium sand with organics
HI10	12/29/04	4	1-3	0-1		1-4	-	-	
HI12	12/29/04	4	-	0-0.75		3.25-4	-	0.75-3.25	
HI13	12/29/04	4	-	0-0.75		-	-	0.75-4	
HI25	12/30/04	4	-	0-1		-	-	1-4	
HI26	12/30/04	4	-	0-0.75		-	-	0.75-4	
HI27	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HI28	12/30/04	4	-	-		-	-	-	Not drilled due to utilities
HI29	12/30/04	4	-	0-1		-	-	1-4	10 ft S & 2 ft E due to drain
HI30	12/30/04	8	-	0-1		-	-	1-8	
HI40	12/30/04	4	-	0-1		-	-	1-4	

New Bedford High School
Subsurface Sampling Information
Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Native/clean backfill	Comments
HU41	12/30/04	4	-	-	-	-	-	-	Not drilled due to questionable utilities
HU42	12/30/04	8	2.5-3	0-1	2.5-7	7-8	1-2.5		
HU43	12/30/04	8	-	0-0.75	3.5-7.9	7.9-8	0.75-3.5		
HU44	12/30/04	4	2.75-3	0-1	2.75-3	-	1-2.75, 3-4		
HK2.5	2/22/05	4	0.5-3	0-0.5	0.5-3	-	3-4		
HK3	2/22/05	4	-	0-1.5	1.5-2.5	2.5-3.5	3.5-4		Not enough to sample - too rocky
HK4	2/22/05	4	0.5-3	0-0.5	0.5-4	-	-		numerous rocks in organics
HK5	12/28/04	5	1-3	0-1	1-4	4-5	-		DUPLICATE 210
HK6	12/28/04	5	0.25-3	0-0.25	0.25-3.25	-	3.25-5		
HK7	12/28/04	5	2-3	0-2	2-3	-	3-5		
HK8	12/28/04	8	1-2	0-1	1-2	-	2-8		Refusal @8 ft
HK9	12/28/04	5	-	0-1	-	-	1-5		5 ft S due to drain line
HK10	12/28/04	5	-	0-0.5	-	-	0.5-5		2 ft N due to electric trench
HL2.5	2/22/05	4	-	0.2-5	2.5-2.75	-	2.75-4		Not enough to sample - too rocky
HL3	2/22/05	4	0.25-3	0-0.25	0.25-3	3-3.5	3.5-4		
HL4	2/22/05	4	2-3	0-2	2-4	-	-		DUPLICATE 218 - Metals ONLY
HL5	12/28/04	5	-	0-1	1-4	4-5	-		not enough material to sample too many rocks
HL6	12/28/04	5	-	0-2	2-2.1	-	2-1.5		
HL7	12/28/04	5	1-1.5	0-1	1-1.5	-	1.5-5		
HL8	12/28/04	5	-	0-0.75	-	-	0.75-5		
HL9	12/28/04	5	-	0-1	-	-	1-5		5 ft N due to drain line
HL10	12/28/04	5	-	0-0.75	-	-	0.75-5		2 ft N due to electric trench
HM2.5	2/22/05	4	1-2	0-1	1-2	-	2-4		
HM3	2/22/05	4	0.75-1.5	0-0.75	0.75-1.5	1.5-2.5	2.5-4		DUPLICATE 217
HM4	2/22/05	4	-	0-2	-	2-4	-		Rocks & organics @2-4 ft
HN2.5	2/22/05	4	-	0-1	1-2.25	-	2.25-4		Not enough to sample - too rocky
HN3	2/22/05	4	1-2	0-1	1-2	-	2-4		
HN4	2/22/05	4	-	0-2	2-2.5	-	2.5-4		Not enough to sample - too rocky
HO2.5	2/22/05	4	-	0-0.5	0.5-1.5	-	1.5-4		Not enough to sample - too rocky
HO3	2/22/05	4	0.5-1.25	0-0.5	0.5-1.25	-	1.25-4		
HO4	2/22/05	4	-	0-1	-	-	1-4		
SS-13-A	9/2/04	4	0.5-4	0-0.5	0.5-4	-	-		
SS-13-B	9/2/04	4	0.5-4	0-0.5	0.5-4	-	-		
SS-13-C	9/2/04	4	1-4	0-1	1-4	-	-		
SS-13-D	9/2/04	4	1-4	0-1	1-4	-	-		
SS-13-E	9/2/04	4	1-4	0-1	1-4	-	-		
SS-13-F	9/2/04	12	0.5-4	0-0.5	1-9	9-12	-		
SS-13-G	9/2/04	4	0.5-0.75	0-0.5	0.5-0.75	-	0.75-4		2 ft S; Poor recovery, no peat or till
SS-13-H	9/2/04	12	1-4	0-1	1-12	-	-		2 ft N
SS-13-I	9/2/04	4	1-4	0-1	1-4	-	-		
SS-13-L	9/2/04	4	2-4	0-2	2-4	-	-		
SS-13-K	9/2/04	4	0.5-4	0-0.5	0.5-4	-	-		
SS-13-L	9/2/04	12	0.5-4	0-0.5	0.5-11	11-12	-		
SS-13-M	9/2/04	12	1-4	0-1	1-10	10-12	-		
SS-13-N	9/2/04	12	1-4	0-1	1-10	10-12	-		

New Bedford High School
Subsurface Sampling Information
Western (Front) Portion of Property

ID	Date	Total Depth	Sample Depth	Grass/Soil	Asphalt	Fill	Organics	Native/clean backfill	Comments
SS-13-O	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-P	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-Q	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-R	9/2/04	12	-	0-1		4-8	8-10	1-4	
SS-13-S	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-T	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	
SS-13-U	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-V	9/2/04	4	0.5-1.5	0-0.5		0.5-1.5	-	1.5-4	
SS-13-W	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-X	9/2/04	12	0.5-4	0-0.5		0.5-9.5	9.5-12	-	2 FT W
SS-13-Y	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	DUPLICATE 125
SS-13-Z	9/2/04	12	1-4	0-1		1-9	9-12	-	
SS-13-AA	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AB	9/2/04	4	2.5-4	0-2.5		2.5-4	-	-	
SS-13-AC	9/2/04	4	2-4	0-2		2-4	-	-	
SS-13-AD	9/2/04	12	1-4	0-1		4-9	9-12	-	
SS-13-AE	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AF	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	
SS-13-AG	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AH	9/2/04	12	-	0-2		-	-	2-12	
SS-13-AI	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AJ	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AK	9/2/04	4	0.5-1.5	0-0.5		0.5-1.5	-	1.5-4	
SS-13-AL	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AM	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AN	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AO	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AP	9/2/04	12	-	0-1		-	-	1-12	
SS-13-AQ	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-AR	9/2/04	4	0.5-1.5	0-0.5		0.5-1.5	-	1.5-4	
SS-13-AS	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	DUPLICATE 126 (Comp AS, AT, AU, AV)
SS-13-AT	9/2/04	4	1-4	0-1		1-4	-	-	DUPLICATE 126 (Comp AS, AT, AU, AV)
SS-13-AU	9/2/04	12	1-4	0-1		1-9.5	9.5-12	-	DUPLICATE 126 (Comp AS, AT, AU, AV)
SS-13-AV	9/2/04	4	1-4	0-1		1-4	-	-	DUPLICATE 126 (Comp AS, AT, AU, AV)
SS-13-AW	9/2/04	4	1-4	0-1		1-4	-	-	DUPLICATE 127
SS-13-AX	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	
SS-13-AY	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	
SS-13-AZ	9/2/04	4	0.5-4	0-0.5		0.5-4	-	-	
SS-13-BA	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-BB	9/2/04	4	1-4	0-1		1-4	-	-	
SS-13-BC	9/2/04	12	1-4	0-1		1-8.5	8.5-12	-	

**New Bedford High School
Subsurface Sampling Information
Eastern (Rear) Portion of Property**

#	BETA ID	Total Depth	Sample Depth(s)	Grass/Soil	Fill Begin	Fill End	Fill Thickness	Organics	Native/Clean Backfill	Composite	Comments
1	HRF-4	8	-	0-25	.25	.30	0.05	-	3-8	-	Not enough fill to sample.
2	HRE-2	6 ref	-	0-1.5	-	-	NA	-	1.5-6	-	No Fill present.
3	HRE-4	5	-	0-1	-	-	NA	-	1-5	-	No Fill present.
4	HRF-6	6 ref	-	0-1	-	-	NA	-	1-6	-	No Fill present.
5	HRD-6	6 ref	-	0-0.5	-	-	NA	-	0.5-6	-	No Fill present.
6	HRB 5.75	4	-	0-1	-	-	NA	-	1-4	-	No Fill present.
7	HRG-9	8	-	0-0.5	-	-	NA	-	0.5-8	-	No Fill present.
8	HRB8	4	-	0-2	-	-	NA	-	2-4	-	No Fill present.
9	HRH-9	8	-	0-0.5	4.0	6.0	2.00	6-7	0.5-4, till 7-8	-	No Sample Collected (Fill > 3.0 ft)
10	HRD 8	7 ref	-	0-3	5.0	6.0	1.0	-	3.5-6-7	-	No Sample Collected (Fill > 3.0 ft)
11	HRH-11	8	-	0-4"	3.5	4.5	1.00	7-8	4"-3.5, 4.5-7	-	No Sample Collected (Fill > 3.0 ft)
12	HRE-10	8	-	0-3	-	-	NA	5.5-7	3.5-5, 7-8	-	No Fill present.
13	HRH-12	8	-	0-0.5	3.8	5.0	1.25	7-8	0.5-3.75, 5-7	-	No Sample Collected (Fill > 3.0 ft)
14	HRF-12	8	-	0-2.5	-	-	NA	-	2.5-8	-	No Fill present.
15	HRH-14	8	-	0-4"	3.5	6.0	2.50	6-8	4"-3.5	-	No Sample Collected (Fill > 3.0 ft)
16	HRG-12	8	-	0-1	-	-	NA	7.75-8	1-7.75	-	No Fill present.
17	HRH-16	8	-	0-0.5	3.5	6.5	3.00	6.5-8	0.5-3.5	-	No Sample Collected (Fill > 3.0 ft)
18	HRG-14	12	-	0-1	6.5	10.0	3.50	10-11	1-6.5, 11-12	-	No Sample Collected (Fill > 3.0 ft)
19	HRJ.75-17	8	1-2.5	0-0.5	1.0	5.0	4.00	6-8	0.5-1	1	
20	HRG-17	8	2.5-3	0-2	2.5	7.0	4.50	7-7.5	7.5-8	2	
21	HRH-17	5.5 ref	2-3	0-0.5	2.0	5.5	3.50	-	0.6-2	1	
22	HRG-19	12	-	0-3.5	3.5	11.0	7.50	-	-	-	No Sample Collected (Fill > 3.0 ft). Poor recovery from 4-12 ft.
23	HRH-19	8	1.5-2.5	0-0.5	1.5	5.5	4.00	5.5-8	0.5-1.5	3	
24	HRG-21	8	2.5-3	0-2.5	2.5	7.8	5.25	7.75-8	-	2	
25	HRK-19	8	0-6" 1-3	0-8"	0.67	5.0	4.33	5-8	-	3	
26	HRH-21	8	0-6" 0.5-2.5	0-0.5	0.5	6.0	5.50	6-8	-	4	
27	HRH-20	8	-	0-0.5	1.5	5.5	4.00	5-8	0.5-1.5	-	No Sample (mostly concrete from 1.5-4.0 ft).
28	HRK-23	8	0-6", 0.5-3	0-0.5	0.5	6.0	5.50	6-7	7-8	4	
29	HRK-21	8	1-3	0-0.5	1.0	5.0	4.00	5-8	0.5-1	5	DUP 1 (PCBS)
30	HRE-23	12	-	0-2	4.0	10.5	6.50	10.5-11	2-4, 11-12	-	No Sample Collected (Fill > 3.0 ft)
31	HRM-25	8	1.5-3	0-4"	1.5	7.0	5.50	7-8	4"-1.5	5	
32	HRG-23	8	2.5-3	0-1	2.5	7.8	5.25	7.75-8	1-2.5	6	DUP 4 (RCRA 8)
33	HRM-23	8	2-3	0-0.5	2.0	5.0	3.00	5-8	0.5-2	7	
34	HRH-23	8	2-3	0-1	2.0	6.0	4.0	6-8	1-2	6	DUP 4 (RCRA 8)

**New Bedford High School
Subsurface Sampling Information
Eastern (Rear) Portion of Property**

#	BETA ID	Total Depth	Sample Depth(s)	Grass/Soil	Fill Begin	Fill End	Fill Thickness	Organics	Native/Clean Backfill	Composite	Comments
35	HRI-25	8	-	0-4"	3.0	4.0	1.00	-	4"-3	-	No Sample Collected (Fill > 3.0 ft). Poor recovery from 4-8 ft.
36	HRI-27	8	1-25-3	0-1	1.25	6.0	4.75	6-8	1-1-25	8	
37	HRI-24	8	-	0-0.5	3.0	5.5	2.50	5-5-8	0.5-3	-	No Sample Collected (Fill > 2.5 ft)
38	HRI-29	12	1.5-3	0-1	1.5	7.0	5.50	7-8	1-1.5, 8-12	8	Mix of Fill and clean backfill from 1.5-2 ft.
39	HRI-26	8	0-6", 2.5-4	0-3"	2.5	5.0	2.50	5-8	3"-2.5	7	
40	HRI-27	8	0.5-3	0-0.5	0.5	7.5	7.0	7-5-8	-	10	Mix of Fill and clean backfill from 0.5-3 ft.
41	HRI-28	8	-	0-0.5	3.0	5.5	2.50	5-5-8	0.5-3	-	No Sample Collected (Fill > 2.5 ft)
42	HRI-25	12	0-6", 0.5-3	0-0.5	0.5	9.0	8.50	9-11	11-12	10	Mix of Fill and learn from 0-0.5 ft.
43	HRI-30	8	2-3.5	0-0.5	2.0	5.0	3.00	5-8	0.5-2	9	DUP 3 (RCRA 8)
44	HRC-25	12	-	0-1.25	6.5	8.5	2.0	8-5-12	1.25-6.5	-	No Sample Collected (Fill > 3.0 ft)
45	HRI-30	8	-	0-4"	3.5	5.0	1.50	5-8	4"-3.5	-	No Sample Collected (Fill > 2.5 ft)
46	HRC-28	12	-	0-2	6.0	9.0	3.0	9-11.5	2-6, 11.5-12	-	No Sample Collected (Fill > 3.0 ft). One piece of glass at 1.5 ft. PID = NR
47	HRE-27	4	-	0-0.5	-	-	NA	-	0.5-4'	-	No Fill present.
48	HRA-30	8	0-6"	0-0.75	0.75, 3.5	1.6	2.75	6-8	-	-	PID = NR
49	HRE-25	4	-	0-4"	-	-	NA	0	4"-4	-	No Fill Present.
50	HRI-29	8	0.75-1	0-0.75	0.75, 3	1.75	4.75	7.5-8	-	-	
51	HRC-23	8	1.5-2	0-1.5	1.5	2.0	0.50	6.5-8	2-6.5	-	Trace of glass. Sample on HOLD.
52	HRA-33	8	1-3	0-1	1.0	6.0	5.0	6-8	-	12	DUP 2 (HS (PCBs), DUP 4 HS (RCRA 8).
53	HRA-28	12	-	0-1	6.0	8.5	2.50	8.5-11	1-6, fill 11-12	-	No Sample Collected (Fill > 3.0 ft). PID = NR.
54	HRE-33	8	0-6", 0.5-3	0-0.5	0.5	6.0	5.50	6-8	-	12	Surface sample collected (0-6")
55	HRC-30	12	-	0-1.5	3.0	9.0	6.00	9-11	1.5-3, fill 11-12	-	No Sample Collected (Fill > 3.0 ft). PID = NR.
56	HRO-33	8	2-3	0-2	2.0	5.0	3.0	5-6.5	6.5-8	14	Mix of Fill and clean backfill from 2-3 ft.
57	HRE-29	12	8"-12"	-	0.67, 4	1.10	6.33	10-11	0-8", fill 11-12	-	Surface sample collected (8"-12").
58	HRI-31	8	1.5-3	0-1.5	1.5	6.0	4.50	6-8	-	14	
59	HRE-30	8	1-2	0-1	1.0	2.0	1.00	6-8	2-6	9	DUP 3 (RCRA 8)
60	HRI-28	8	1.5-3	0-1.5	1.5	6.0	4.50	6-8	-	16	
61	HRC-33	8	8"-2	0-8"	0.7	5.0	4.33	5-8	-	11	
62	HRI-26	8	0-6", 0.5-3	0-0.5	0.5	6.0	5.50	6-8	-	16	DUP 6 HS (PCBs)
63	HRI-33	6 ref	1-3	0-1	1.0	5.0	4.00	5-6	-	11	
65	HRI-5-33	8	1.5-3	0-1.5	1.5	5.0	3.50	5-8	-	13	
67	HRO-30	8	1.5-3	0-1.5	1.5	6.0	4.50	6-8	-	13	
69	HRI-16	8	-	0-0.5	3.5	6.0	2.50	6-8	0.5-3.5	-	No Sample Collected (Fill > 3.0 ft)