DATA SUMMARY REPORT
New Bedford High School
New Bedford, Massachusetts

Prepared for:

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1.0 INTRODUCTION

The purpose of this Data Summary Report is to summarize analytical results from soil and groundwater sampling conducted by TRC Environmental Corporation (TRC) in 2008 and 2009 at the New Bedford High School (NBHS) located at 230 Hathaway Boulevard in New Bedford, Massachusetts (see Figures 1 and 2). Work performed by TRC was conducted on behalf of the City of New Bedford (City). An environmental investigation was performed to address data gaps identified in the delineation of the impacts from the Parker Street Waste Site (PSWS) including the NBHS property, further investigate the extent of impacts, and support remedial planning and risk assessment activities for the exterior of the NBHS property.

This report is subject to the limitations included in Appendix A. Appendix B provides soil boring and groundwater sampling logs. Appendix C provides photocopies of sample results from laboratory reports. Appendix D provides an Imminent Hazard Evaluation Summary for total polychlorinated biphenyls (PCBs) detected in soil in the vicinity of sample location HB-23, while Appendix E provides the Imminent Hazard Evaluation Summary for arsenic and chromium detected in soil in the vicinity of sample location HH-13 at the NBHS campus.

2.0 SUMMARY OF WORK

Overall Summary

The environmental investigation consisted of direct push soil borings using a track or truck-mounted drill or dolly rig or hand borings to sample and observe surface and subsurface soil conditions and install groundwater monitoring wells to assess the potential impacts to groundwater quality from documented soil impacts. Drilling services and equipment were provided by New England Geotech, LLC of Jamestown, Rhode Island. Copies of associated soil boring logs, including well construction details where appropriate, prepared by TRC's field geologist/engineer are provided in Appendix B.

At NBHS, the 2008 and 2009 soil data collected by TRC supplement data collected previously on behalf of the City by the BETA Group, Incorporated, of Norwood, Massachusetts (see BETA, 2006) and by TRC in 2008 in the surrounding area (see TRC, 2008a, b, c, d and e).

March – September 2008 Investigation

In March 2008, TRC advanced five (5) soil borings for the purpose of pre-characterizing material to be excavated in association with the City's installation of school zone signage along Hathaway Boulevard near the intersection with Ruggles Street. The investigation was intended to characterize near surface soil, evaluate the presence or absence of fill and investigate the presence of impacts in fill. Soil borings were advanced to approximately 12 to 16 feet below ground surface at approximately 20 foot intervals on a transect along the proposed approximately 100 foot long trench excavation. Soil borings were advanced using direct-push techniques and samples were collected until native overburden was encountered unless refusal was encountered first. Two (2) shallow soils samples (i.e., two samples within the upper 3.5-feet) were collected from each soil boring to characterize soil within the bounds of the anticipated construction related excavation. Where native material was submitted for laboratory analysis, two samples of native material were typically collected to characterize the native horizon. The lower native samples were retained for analysis contingent upon the results of the shallow sample analysis in an attempt to delineate the vertical extent of impacts exceeding applicable standards, if present. The contingent native material was not analyzed if the shallow interval above it was found not to be impacted below cleanup criteria based on laboratory analysis or as directed by the TRC Licensed Site Professional (LSP). Samples collected at each location were analyzed for polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs) and Massachusetts Contingency Plan (MCP) 14 metals including mercury (Table 1).

TRC's approach for the July, August, and September 2008 investigation was to evaluate the presence or absence of subsurface fill, the vertical extent of soil impacts, the potential presence of impacts in soil and fill material that may be present based on documentation available to TRC and past sampling in the area, and to evaluate the lack of groundwater impacts documented previously for PCBs, PAHs, and metals. Soil borings were advanced by using direct-push techniques and samples were collected until native overburden was encountered unless refusal was encountered first. Where native material was submitted for laboratory analysis, two samples of native material were typically collected in borings selected to characterize the native horizon.

The lower native sample was retained for analysis contingent upon the results of the upper native horizon analysis in an attempt to delineate the vertical extent of soil impacts exceeding applicable standards, if present. The contingent native material was not analyzed if the native material interval above it was found not to be impacted (below cleanup criteria) based on laboratory analysis or as directed by the TRC LSP. TRC also collected relatively shallow soil samples (maximum depths of 1.5 to 2 feet below ground surface [bgs]) using hand tools to supplement data where shallow soil data gaps were perceived. Soil samples were collected from 0 to 6 inches bgs and submitted for chemical analysis at an off-site environmental laboratory. Although detailed soil descriptions were logged in the field book, soil boring log forms were not maintained for these surface soil samples.

As detailed below, groundwater sampling of newly installed monitoring wells was conducted in August and September 2008. Groundwater sampling logs are presented in Appendix B.

December 2008 Investigation

TRC's December 2008 environmental investigation consisted of hand borings to sample and observe surface soil conditions. The results of past monitoring by BETA in 2006 (BETA, 2006) and TRC in July, August, and September 2008 (see Tables 1 and 2) indicated metals, PAHs and PCBs were present in soil related to the former PSWS. No significant PCB, metals, and PAH impacts to groundwater from the PSWS were observed. TRC conducted December 2008 surface soil sampling to assess potential risks posed by soil impacts within 6 inches of the ground surface and to supplement previous soil sampling conducted at the NBHS property. Soil samples were collected from 0 to 6 inches bgs and submitted for chemical analysis at an off-site environmental laboratory. Although detailed soil descriptions were logged in the field book, soil boring log forms were not maintained for these shallow surface soil samples.

January – August 2009 Investigation

In January 2009, one soil boring (TRC-41) was advanced to depth in the southwest portion of the NBHS property, within the tree line adjacent to Hathaway Boulevard. This soil boring was advanced to evaluate the presence or absence of fill, the vertical extent of soil impacts, and the potential presence of impacted soil and fill material that may be present in the proposed location of a force main manhole. (The force main was directionally drilled as part of the construction of the New Andre McCoy Field at the site of the former Keith Junior High School located at 70 Hathaway Boulevard and is documented in regulatory reporting associated with that activity.) Although the TRC-41 soil boring was advanced in association with a separate activity and the force main and associated manhole construction is managed under a Utility-Related Abatement Measure (URAM), the soil data are included here because it is located on the NBHS property (Table 4).

Table 3 summarizes environmental sampling that was conducted by TRC from February 2009 through August 2009 to refine the delineation of impacted soil and to support remedial planning. TRC conducted soil sampling along concentric rings (i.e., step-out sampling) around sampling locations identified for potential excavation based on the presence of documented impacts (i.e., PAHs, PCBs and/or one or more metals) and an evaluation of risk impacts. The results of a

supplemental sampling investigation were used to evaluate the boundaries of potential excavation targets necessary to achieve the remedial goal (i.e., Exposure Point Concentrations [EPCs] in the top 3 feet less than or equal to Method 1/Method 2 S-1 soil cleanup standards). The supplemental samples were focused on a vertical depth of up to three feet bgs, targeting the accessible soils.

Focusing on the 0 to 1 foot (considered to be representative of the ground surface that is directly accessible) and 1 to 3 foot (considered to be representative of soil that is below the ground surface, not immediately accessible and has a lower potential for contact by people) horizons, soil borings were advanced to a maximum of 4 feet bgs unless refusal was encountered first. Soil samples from inner ring soil boring locations were submitted to an off-site laboratory for analysis, while samples from outer ring soil boring locations were initially held by the laboratory pending the results of the inner ring samples. The outer ring samples were not analyzed unless further delineation was deemed necessary. Based on the analytical results, the step out approach was expanded laterally at each location until an excavation boundary could be defined.

Between February and May 2009, soil borings were also advanced and sampled largely to focus on addressing apparent data gaps in the BETA and TRC data sets in shallow soil. A subset of deeper soil borings were also advanced to evaluate the presence or absence of fill, the vertical extent of soil impacts, and the potential presence of impacted soil and fill material that may be present based on documentation available to TRC and past sampling in the area.

Subsets of TRC's April 2009 environmental sampling consisted of hand borings to sample and observe surface soil conditions. TRC conducted surface soil sampling in the vicinity of soil boring HH-13B to assess the valence state of chromium at the NBHS. Specifically, surface soil samples were collected to determine if total chromium concentrations detected in soil were consistent with the trivalent or the hexavalent chromium valence state. Four (4) surface soil samples (SSHH-13B1 through SSHH-13B4) were collected from 0 to 12 inches bgs and submitted for total chromium, hexavalent chromium, pH and oxidation-reduction potential (ORP) analysis at an off-site environmental laboratory (see Table 3). Although detailed descriptions were logged in the field book, soil boring log forms were not maintained for these surface soil samples.

Groundwater Sampling – 2008 and 2009

Groundwater samples were collected from seven (7) monitoring wells on the NBHS property in August and September 2008 and April 2009 using variable rate pumps. Prior to groundwater sample collection, field measurements of pH, conductivity, ORP, temperature, dissolved oxygen, and turbidity were measured. Groundwater samples were collected in general accordance with low-flow sampling techniques. Groundwater sample logs are included in Appendix B.

General Information – 2008 and 2009 Investigations

Figures 3, 4-1 and 4-2 illustrate the locations investigated by TRC at NBHS described above. The sampling locations were surveyed by Land Planning, Incorporated of Hanson,

Massachusetts following TRC's sampling activities. The locations are plotted on an aerial photograph obtained from the Massachusetts Geographic Information System and dated April 2005.

During soil boring activities in July and August 2008 and throughout 2009, TRC conducted field screening of soil samples consisting of visual and olfactory observations, jar headspace readings using an appropriately calibrated photoionization detector (PID), and professional judgment, consistent with TRC Standard Operating Procedures (SOPs) and general industry practice. TRC employed the Massachusetts Department of Environmental Protection (MassDEP) jar headspace technique to screen for the presence of volatile organic compounds (VOCs) in soil. TRC also evaluated and logged the geologic character of the soil samples consistent with the Burmeister (1958) method. The following table summarizes soil samples collected by TRC from NBHS for laboratory analysis.

Summary of Investigation Activities – New Bedford High School – 2008 & 2009

Soil Sampling

Location	Soil Borings/ Sampling Locations	Number of Soil Samples Submitted for Laboratory Analysis	Analyses[1]			
			PCBs[2]	PAHs[3]	MCP Metals[4]	Individual Metals
New Bedford High School	470[5]	700	531	321	391	190

Groundwater Sampling

Location	Number of Groundwater Samples Submitted for Laboratory Analysis	Analyses[1]		
		PCBs[2]	PAHs[3]	MCP Metals/Hg[4,6]
New Bedford High School	7	7	7	7

Notes:
[1]Does not include quality control (QC) samples. One soil sample (HD-14F) was also analyzed for VOCs by SW-846 Method 8260B but is not listed here.
[2]Polychlorinated biphenyls (PCBs) as Aroclors by SW-846 Method 8082; ten soil samples were additionally submitted for PCB homologue analysis by EPA Method 680.
[3]Polyaromatic hydrocarbons (PAHs) by SW-846 Method 8270C.
[4]Massachusetts Contingency Plan (MCP) Metals/Hg – antimony, arsenic, barium, beryllium, cadmium, chromium, lead, nickel, selenium, silver, thallium, vanadium, zinc and mercury by SW-846 Methods 6010B/7471A. Twelve soil samples were also analyzed for hexavalent chromium by SW-846 Method 7196A, ORP by SM 2580A and pH by SW-846 Method 9045D.
[5]Including 69 surface soil samples collected manually by TRC personnel.
[6]Groundwater samples were analyzed for total metals and dissolved (field-filtered) metals.

Soil and groundwater samples for PCB Aroclor and homolog analyses were submitted to Northeast Analytical, Incorporated (NEA) of Schenectady, New York. Soil and groundwater samples for MCP 14 metals including mercury, PAHs and dibenzofuran analyses were submitted to Con-Test Analytical Laboratory of East Longmeadow, Massachusetts. All samples were submitted under chain-of-custody.

Soil boring details are summarized below and in the soil boring logs provided in Appendix B. As previously noted, boring logs were not prepared for surface soil samples collected with hand tools.

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SB-1	3/31/2008	15	1, 3, (6), (9)	DP 6620 DT
SB-2	3/31/2008	15	1, 3, (6), (9)	DP 6620 DT
SB-3	3/31/2008	15	1, 3, (8), (14)	DP 6620 DT
SB-4	3/31/2008	15	1, 3.5, (8), (14)	DP 6620 DT
SB-5	3/31/2008	15	1, 8, (14)	DP 6620 DT
SB-267	7/14/2008	12	1, 3.5, 9, (12)	Model 5400 Truck Rig
SB-270	7/16/2008	12	1, 3, 9.5, (12)	Model 5400 Truck Rig
SB-271	7/16/2008	12	1, 3.5,10, (12)	Model 5400 Truck Rig
SB-272	7/16/2008	12	1, 3, 10, (12)	Model 5400 Truck Rig
SB-273	7/16/2008	12	5.5, 8, (11)	Model 5400 Truck Rig
SB-274	7/16/2008	12	4, 8, (11)	Model 5400 Truck Rig
SB-275	7/16/2008	12	4, 9.5, (12)	Model 5400 Truck Rig
SB-276	7/16/2008	12	4, 9.5, (12)	Model 5400 Truck Rig
SB-277	7/16/2008	12	4, 9, (11)	Model 5400 Truck Rig
SB-278	7/17/2008	12	4, 6, (9)	Model 5400 Truck Rig
SB-279	7/23/2008	12	4, 11	Model 5400 Truck Rig
SB-280	7/23/2008	12	4, 9.5, (12)	Model 5400 Truck Rig
SB-281	7/21/2008	12	4, 8, (11)	Model 5400 Truck Rig
SB-282	7/21/2008	12	3.5, 8, (11)	Model 5400 Truck Rig
SB-283	7/17/2008	12	3.5, 6, (10)	Model 5400 Truck Rig
SB-284	7/17/2008	5	3, 5	Model 5400 Truck Rig
SB-285	7/17/2008	12	3.5, 7.5, (11)	Model 5400 Truck Rig
SB-286	7/17/2008	12	4, 9, (12)	Model 5400 Truck Rig
SB-287	7/17/2008	12	4, 9, (12)	Model 5400 Truck Rig
SB-288	7/17/2008	12	4, 9, (12)	Model 5400 Truck Rig
SB-289	7/17/2008	12	3.5, 6, (10)	Model 5400 Truck Rig
SB-290	7/21/2008	10.5	2.5, 6, (10)	Model 5400 Truck Rig
SB-291	7/21/2008	10	2, 6, (9.5)	Model 5400 Truck Rig
SB-292	7/21/2008	5	2, 5	Model 5400 Truck Rig
SB-293	7/21/2008	12	6.5, 9, 12	Model 5400 Truck Rig
SB-294	7/21/2008	12	4, 8.5, 12	Model 5400 Truck Rig
SB-295	7/22/2008	12	5.5, 9, (12)	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SB-296	7/22/2008	12	5, 10, (12)	Model 5400 Truck Rig
SB-297	7/22/2008	12	6, 8, 11	Model 5400 Truck Rig
SB-298	8/4/2008	12	4, 8, (11)	AMS 9100 Track Rig
SB-299	8/4/2008	12	4, 8, (12)	AMS 9100 Track Rig
SB-300	7/22/2008 & 7/31/2008(1)	12	4, 8, (11)	Model 5400 Truck Rig
SB-301	7/22/2008	12	7, 10.5, (12)	Model 5400 Truck Rig
SB-302	7/22/2008	12	2.5, 8, (11)	Model 5400 Truck Rig
SB-303	7/22/2008	12	5, 10, (12)	Model 5400 Truck Rig
SB-304	7/22/2008	12	5, 8, (11)	Model 5400 Truck Rig
SB-305	7/22/2008	12	4, 9, (12)	Model 5400 Truck Rig
SB-306	7/23/2008	12	1, 4, 7, (11)	Model 5400 Truck Rig
SB-307	7/23/2008	12	3, 6, 9	Model 5400 Truck Rig
SB-308	7/23/2008	12	3.5, 6, (10)	Model 5400 Truck Rig
SB-309	7/23/2008	12	4, 8, (11)	Model 5400 Truck Rig
SB-310	7/23/2008	12	3, 7, (10)	Model 5400 Truck Rig
SB-311	7/23/2008	12	6, 9, (11)	Model 5400 Truck Rig
SB-312	8/5/2008	12	5, 9, (12)	6620 DT Track Rig
SB-313	8/4/2008	10	5, 8, (10)	AMS 9100 Track Rig
SB-318	8/8/2008	15	4, 8, (11), (14)	6600 DT Truck Rig
SB-319	8/8/2008	15	4, 7, (10), (13)	6600 DT Truck Rig
SB-320	8/8/2008	15	5, 8, (10), (13)	6600 DT Truck Rig
SB-321	8/8/2008	15	4, 9, (12)	6600 DT Truck Rig
SB-322	8/8/2008	15	3.5. 10.5, (14)	6600 DT Truck Rig
SB-323	8/8/2008	15	5, 9, (12)	6600 DT Truck Rig
SB-324	8/8/2008	15	4.5, 8.5, (12)	6600 DT Truck Rig
SB-325	8/8/2008	14	1, 6, (10)	6600 DT Truck Rig
SB-326	8/11/2008	15	2, 5, (10)	6600 DT Truck Rig
SB-327	8/11/2008	14	2, 6, (11)	6600 DT Truck Rig
SB-328	8/11/2008	15	4, 10, (12)	6600 DT Truck Rig
SB-329	8/11/2008	15	4, 9, (14)	6600 DT Truck Rig
SB-330	8/11/2008	15	4, 9, (13)	6600 DT Truck Rig
SB-331	8/11/2008	15	4, 10, (13)	6600 DT Truck Rig
SB-332	8/11/2008	15	4, 9, (12)	6600 DT Truck Rig
SB-333	8/12/2008	12	4, 8, (10)	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SB-349	8/21/2008	15	1, 8, 11, 14	6600 DT Truck Rig
SB-350	8/21/2008	14	0.5, 5, 8, (11)	6600 DT Truck Rig
NBHS-1	7/29/2008	14	(0.5), 8, 12, (14)	Model 5400 Truck Rig
NBHS-2	8/4/2008	5	1.5, 3.5, 5	Hammer Drill
NBHS-3	7/30/2008	8	4, 6, (8)	540 M Dolly Rig
NBHS-4	7/31/2008	12	2, 6, 8, (10)	Model 5400 Truck Rig
NBHS-5	7/30/2008	10	4, 8, (10)	Model 5400 Truck Rig
NBHS-6	7/28/2008	12	3, 6, (11)	540 M Dolly Rig
NBHS-7	7/29/2008	10	3, 7, (10)	540 M Dolly Rig
NBHS-8	7/28/2008	8	2.5, 6, (8)	540 M Dolly Rig
NBHS-SS-1**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-2**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-3**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-4**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-5**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-6**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-7**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-8**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-9**	8/6/2008	0.5	0-0.5	Hand Tools
NBHS-SS-10**	8/6/2008	0.5	0-0.5	Hand Tools
SS-11**	8/6/2008	2	0.5, 2	Hand Tools
SS-12**	8/6/2008	2	0.5, 2	Hand Tools
SS-13**	8/6/2008	1.5	0.5, 1.5	Hand Tools
SS-14**	8/6/2008	2	0.5, 2	Hand Tools
SS-15**	8/6/2008	2	0.5, 2	Hand Tools
SS-16**	8/6/2008	2	0.5, 1, 2	Hand Tools
SS-17**	8/6/2008	2	0.5, 1.5	Hand Tools
SS-18**	8/6/2008	2	0.5, 2	Hand Tools
SS-19**	8/7/2008	2	0.5, 1, 2	Hand Tools
SS-20**	8/7/2008	2	0.5, 1, 2	Hand Tools
SS-21**	8/7/2008	2	0.5, 2	Hand Tools
SS-22**	8/7/2008	2	0.5, 1.5	Hand Tools
SS-23**	8/7/2008	2	0.5, 2	Hand Tools
SS-24**	8/7/2008	1.5	0.5, 1.5	Hand Tools
SS-25**	8/7/2008	1.5	0.5, 1.5	Hand Tools

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SS-26**	8/7/2008	2	0.5, 1.5, 2	Hand Tools
SS-27**	8/7/2008	2	0.5, 2	Hand Tools
SS-28**	8/7/2008	1.5	0.5, 1.5	Hand Tools
SS-29**	8/7/2008	2	0.5, 2	Hand Tools
SS-30**	8/7/2008 & 8/19/2008(1)	1.5	0.5, 1.5	Hand Tools
SS-31**	8/7/2008	2	0.5, 2	Hand Tools
SS-32**	8/7/2008	1.5	0.5, 1.5	Hand Tools
SS-33**	8/7/2008	2	0.5, 2	Hand Tools
SS-34**	8/7/2008	2	0.5, 2	Hand Tools
SS-35**	8/7/2008	1.5	0.5, 1.5	Hand Tools
SS-36**	8/7/2008	2	0.5, 2	Hand Tools
SS-37**	8/8/2008	2	0.5, 2	Hand Tools
SS-38**	8/8/2008	1.5	0.5, 1.5	Hand Tools
SS-39**	8/8/2008	2	0.5, 2	Hand Tools
SS-40**	8/8/2008	2	0.5, 2	Hand Tools
SS-41**	8/8/2008	2	0.5, 2	Hand Tools
SS-42**	12/2/2008	0.5	0-0.5	Hand Tools
SS-43**	12/2/2008	0.5	0-0.5	Hand Tools
SS-44**	12/2/2008	0.5	0-0.5	Hand Tools
SS-45**	12/2/2008	0.5	0-0.5	Hand Tools
SS-46**	12/2/2008	0.5	0-0.5	Hand Tools
SS-47**	12/2/2008	0.5	0-0.5	Hand Tools
SS-48**	12/2/2008	0.5	0-0.5	Hand Tools
SS-49**	12/2/2008	0.5	0-0.5	Hand Tools
SS-50**	12/2/2008	0.5	0-0.5	Hand Tools
SS-51**	12/2/2008	0.5	0-0.5	Hand Tools
SS-52**	12/2/2008	0.5	0-0.5	Hand Tools
SS-53**	12/2/2008	0.5	0-0.5	Hand Tools
SS-54**	12/2/2008	0.5	0-0.5	Hand Tools
SS-55**	12/2/2008	0.5	0-0.5	Hand Tools
SS-56**	12/2/2008	0.5	0-0.5	Hand Tools
SS-57**	12/2/2008	0.5	0-0.5	Hand Tools
SS-58**	12/2/2008	0.5	0-0.5	Hand Tools
SS-59**	12/2/2008	0.5	0-0.5	Hand Tools

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SS-60**	12/2/2008	0.5	0-0.5	Hand Tools
SS-61**	12/2/2008	0.5	0-0.5	Hand Tools
SS-62**	12/2/2008	0.5	0-0.5	Hand Tools
SS-63**	12/15/2008	0.5	0-0.5	Hand Tools
SS-64**	12/15/2008	0.5	0-0.5	Hand Tools
SS-65**	12/15/2008	0.5	0-0.5	Hand Tools
HA-9	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HA-10	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HA-19	4/7/2009	4	1-3	Model 5400 Truck Rig
HA-19A	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HA-19B	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HA-19C	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HA-19D	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HA-19E	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HA-19F	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HA-19G	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HA-19H	5/19/2009	3	(0-1), (1-3)	6600 DT Truck Rig
HA-19I	7/7/2009	4	1-3	Model 5400 Truck Rig
HA-19K	7/7/2009	4	1-3	Model 5400 Truck Rig
HA-19M	7/7/2009	4	1-3	Model 5400 Truck Rig
HA-19O	7/7/2009	4	1-3	Model 5400 Truck Rig
HA-19Q	7/7/2009	4	1-3	Model 5400 Truck Rig
HA-19S	7/7/2009	4	1-3	Model 5400 Truck Rig
HA-36	4/7/2009	4	1-3	Model 5400 Truck Rig
HB-7	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HB-9	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HB-10	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HB-22	4/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23A	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23B	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23C	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23D	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23E	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23F	3/10/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HB-23G	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
HB-23H	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23I	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-23J	3/10/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HB-23K	4/9/2009	4	1-3	Model 5400 Truck Rig
HB-23L	4/9/2009	4	1-3	Model 5400 Truck Rig
HB-23M	4/9/2009	4	1-3	Model 5400 Truck Rig
HB-23N	4/9/2009	4	1-3	Model 5400 Truck Rig
HB-39	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
HB-39A	6/16/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-39C	6/16/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-39D	6/16/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-39E	6/16/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HB-39G	6/16/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HB-39H	6/16/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HB-39L	7/7/2009	4	(1-3)	Model 5400 Truck Rig
HB-40	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
HB-40A	6/16/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-40C	6/16/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-40D	6/16/2009	4	0-1, 1-3	Model 5400 Truck Rig
HB-40E	6/16/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HB-40G	6/16/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HB-40H	6/16/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HB-40I	7/7/2009	4	1-3	Model 5400 Truck Rig
HB-40K	7/7/2009	4	1-3	Model 5400 Truck Rig
HB-40M	7/7/2009	4	1-3	Model 5400 Truck Rig
HB-40O	7/7/2009	4	1-3	Model 5400 Truck Rig
HB-40Q	7/7/2009	4	1-3	Model 5400 Truck Rig
HB-40S	7/7/2009	4	1-3	Model 5400 Truck Rig
HC-22	4/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HC-22A	5/21/2009	4	0-1, 1-3	6600 DT Truck Rig
HC-22B	5/21/2009	4	0-1, 1-3	6600 DT Truck Rig
HC-22C	5/21/2009	4	0-1, 1-3	6600 DT Truck Rig
HC-22D	5/21/2009	4	0-1, 1-3	6600 DT Truck Rig
HC-22E	5/21/2009	4	(0-1), 1-3	6600 DT Truck Rig
HC-22F	5/21/2009	4	(0-1), 1-3	6600 DT Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
HC-22G	5/21/2009	4	(0-1), (1-3)	6600 DT Truck Rig
HC-22H	5/21/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-14A	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-14B	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-14C	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-14D	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-14E	3/10/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HD-14F	3/10/2009	4	(0-1), (1-3), 2.5	Model 5400 Truck Rig
HD-14G	3/10/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HD-14H	3/10/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HD-19A	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-19B	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-19C	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-19D	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-19E	3/9/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HD-19F	3/9/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HD-19G	3/9/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HD-20	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-20A	5/19/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HD-20B	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-20C	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-20D	5/19/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-20E	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-20F	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-20G	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-20H	5/19/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-21	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-21A	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-21B	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-21C	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-21D	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
HD-21E	5/20/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-21F	5/20/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-21G	5/20/2009	4	(0-1), 1-3	6600 DT Truck Rig
HD-21H	5/20/2009	4	(0-1), 1-3	6600 DT Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
HD-21K	7/6/2009	3	1-3	Model 5400 Truck Rig
HD-21O	7/6/2009	3	1-3	Model 5400 Truck Rig
HD-21S	7/6/2009	3	1-3	Model 5400 Truck Rig
HD-22	4/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HD-23	3/31/2009	4	0-1, 1-3	Model 5400 Truck Rig
HE-10B	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HE-10C	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HE-10D	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HE-10G	4/3/2009	4	(0-1), (1-3)	DP 6620 DT Track Rig
HE-10H	4/3/2009	4	(0-1), (1-3)	DP 6620 DT Track Rig
HE-44B	3/31/2009	4	0-1, 1-3	Model 5400 Truck Rig
HE-44C	3/31/2009	4	0-1, 1-3	Model 5400 Truck Rig
HE-44F	3/31/2009	4	0-1, (1-3)	Model 5400 Truck Rig
HE-44G	3/31/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-10B	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HF-10C	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HF-10D	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HF-10F	4/3/2009	4	(0-1), (1-3)	DP 6620 DT Track Rig
HF-10G	4/3/2009	4	(0-1), (1-3)	DP 6620 DT Track Rig
HF-10H	4/3/2009	4	(0-1), (1-3)	DP 6620 DT Track Rig
HF-14A	3/11/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-14B	3/11/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-14C	3/11/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-14D	3/11/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-14E	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-14F	3/11/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-14G	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-14H	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-14I	4/8/2009	4	1-3	Model 5400 Truck Rig
HF-31A	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-31B	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-31C	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-31D	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-31E	4/2/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-31F	4/2/2009	4	(0-1), (1-3)	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
HF-31G	4/2/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-31H	4/2/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-35A	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-35B	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-35C	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-35D	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-35E	4/1/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-35F	4/1/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-35H	4/1/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-38	4/2/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-40A	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40B	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40C	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40D	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40E	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40F	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40G	3/10/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40H	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-40I	4/9/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-40J	4/9/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HF-43A	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-43B	3/31/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-43D	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-43E	4/1/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-43F	3/31/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HF-43G	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HF-43H	4/1/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HG-31	4/2/2009	4	1-3	Model 5400 Truck Rig
HH-13	4/3/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13A	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13B	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13C	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13D	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13E	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13F	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
HH-13G	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13H	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HH-13I	4/8/2009	4	1-3	Model 5400 Truck Rig
HH-13J	4/8/2009	4	1-3	Model 5400 Truck Rig
HH-13AA	5/20/2009	4	1-3, 3.5-4	6600 DT Truck Rig
HH-13BB	5/20/2009	4	1-3, 3-4	6600 DT Truck Rig
HH-13CC	5/20/2009	4	1-3, 3-4	6600 DT Truck Rig
HH-13DD	5/20/2009	4	1-3, 3.5-4	6600 DT Truck Rig
HH-30A	4/2/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HI-10A	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HI-10B	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HI-10C	3/11/2009	2.5	0-1, 1-2	Model 5400 Truck Rig
HI-10D	3/11/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HI-10E	3/11/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HJ-10A	3/11/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HJ-10B	3/11/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HJ-10C	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-10D	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-10E	3/11/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HJ-10F	3/11/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-10G	3/11/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HJ-25A	4/1/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HJ-42A	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-42B	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-42C	4/2/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-42D	4/1/2009	4	0-1, 1-3	Model 5400 Truck Rig
HJ-42E	4/2/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HJ-42F	4/1/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HJ-42G	4/2/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HJ-42H	4/1/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HRC-33A	2/27/2009	8	0-1, 1-3	Model 5400 Truck Rig
HRC-33B	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
HRC-33C	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
HRC-33D	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
HRC-33E	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
HRC-33F	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
HRC-33G	2/27/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HRC-33H	2/27/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
HRC-33I	3/24/2009	3	1-3	AMS 9100 Track Rig
HRC-33J	3/24/2009	3	1-3	AMS 9100 Track Rig
HRC-33K	3/24/2009	3	(1-3)	AMS 9100 Track Rig
HRC-33L	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HRC-33M	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HRC-33N	4/3/2009	4	0-1, 1-3	DP 6620 DT Track Rig
HRE-10	3/31/2009	4	1-3	Model 5400 Truck Rig
HRE-29	4/7/2009	4	1-3	Model 5400 Truck Rig
HRF-30A	4/7/2009	3	1-3	Model 5400 Truck Rig
HRG-12A	4/1/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HRG-14A	4/1/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HRG-17	4/7/2009	4	1-3	Model 5400 Truck Rig
HRG-25	4/7/2009	3	1-3	Model 5400 Truck Rig
HRG-27	4/7/2009	3	1-3	Model 5400 Truck Rig
HRG-29	4/7/2009	3	1-3	Model 5400 Truck Rig
HRI-17	4/7/2009	4	1-3	Model 5400 Truck Rig
HRK-21	4/7/2009	4	1-3	Model 5400 Truck Rig
HRK-33A	4/2/2009	4	(0-1), 1-3	Model 5400 Truck Rig
HRM-23	4/7/2009	4	1-3	Model 5400 Truck Rig
HRN-26	4/7/2009	4	1-3	Model 5400 Truck Rig
HRO-30	4/7/2009	4	1-3	Model 5400 Truck Rig
PG-2A	4/7/2009	4	1-3	Model 5400 Truck Rig
SB-270A	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
SB-270B	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
SB-270D	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
SB-270E	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
SB-270F	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
SB-270H	5/20/2009	4	0-1, 1-3	6600 DT Truck Rig
SB-270I	6/16/2009	4	1-3	Model 5400 Truck Rig
SB-270J	6/16/2009	4	1-3	Model 5400 Truck Rig
SB-270K	6/16/2009	4	1-3	Model 5400 Truck Rig
SB-270L	6/16/2009	4	(1-3)	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SB-270M	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-270Q	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-270U	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-308A	5/21/2009	4	3-4	6600 DT Truck Rig
SB-308B	5/21/2009	4	3, 4	6600 DT Truck Rig
SB-308C	5/21/2009	9	3, 5	6600 DT Truck Rig
SB-308D	5/21/2009	8	3, 5	6600 DT Truck Rig
SB-308E	5/20/2009	4	(3-4)	6600 DT Truck Rig
SB-308F	5/20/2009	4	3-4	6600 DT Truck Rig
SB-308G	5/20/2009	4	(3), (4)	6600 DT Truck Rig
SB-308H	5/20/2009	4	3-4	6600 DT Truck Rig
SB-308I	5/21/2009	4	3-4	6600 DT Truck Rig
SB-359	3/4/2009	12	0-1, 1-3, 4, 8, 12	Model 5400 Truck Rig
SB-360	3/4/2009	8	0-1, 1-3, 5, 8	Model 5400 Truck Rig
SB-360A	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360B	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360C	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360D	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360E	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360F	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360G	3/24/2009	3	1-3	AMS 9100 Track Rig
SB-360H	3/24/2009	3	(1-3)	AMS 9100 Track Rig
SB-360I	5/21/2009	4	1-3	6600 DT Truck Rig
SB-360J	5/21/2009	4	1-3	6600 DT Truck Rig
SB-360K	5/21/2009	4	1-3	6600 DT Truck Rig
SB-360L	5/21/2009	4	1-3	6600 DT Truck Rig
SB-360M	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360N	7/6/2009	4	(1-3)	Model 5400 Truck Rig
SB-360O	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360Q	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360R	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360S	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360U	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360V	7/6/2009	4	1-3	Model 5400 Truck Rig
SB-360W	7/6/2009	4	1-3	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SB-360X	8/19/2009	4	1-3	Model 5400 Truck Rig
SB-360Y	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360Z	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360AA	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360BB	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360CC	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360DD	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360EE	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-360FF	8/19/2009	4	(1-3)	Model 5400 Truck Rig
SB-361	3/4/2009	10	0-1, 1-3, 6.5, (10)	Model 5400 Truck Rig
SB-362	3/4/2009	6.5	0-1, 1-3, 5, 6.5	Model 5400 Truck Rig
SB-363	3/4/2009	10	0-1, 1-3, 5, (8)	Model 5400 Truck Rig
SB-364	3/4/2009	9.5	0-1, 1-3, 6, 9.5	Model 5400 Truck Rig
SB-365	3/4/2009	12	0-1, 1-3, 5-7, 9, (12)	Model 5400 Truck Rig
SB-366	2/26/2009	12	1, 1-3, 4, 7, (10)	Model 5400 Truck Rig
SB-367	2/26/2009	12	1, 1-3, 5-6, 8-9, (11-12)	Model 5400 Truck Rig
SS-24^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-27^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-31^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-32^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-32A	2/26/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-32B	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-32C	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-32D	2/27/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-32E	2/26/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
SS-32F	2/27/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
SS-32G	2/27/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
SS-32H	2/27/2009	4	(0-1), (1-3)	Model 5400 Truck Rig
SS-35^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-36^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-36A	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36B	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36C	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36D	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36E	3/9/2009	4	(0-1), 1-3	Model 5400 Truck Rig

Soil Boring Summary – NBHS – 2008 & 2009				
Soil Boring	**Date Advanced**	**Total Depth (ft bgs)**	**Depths Submitted for Laboratory Analysis* (ft bgs)**	**Drill Rig**
SS-36F	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36G	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36H	3/9/2009	4	0-1, 1-3	Model 5400 Truck Rig
SS-36I	5/21/2009	4	1-3	6600 DT Truck Rig
SS-36J	5/21/2009	4	1-3	6600 DT Truck Rig
SS-36K	5/21/2009	4	(1-3)	6600 DT Truck Rig
SS-36L	5/21/2009	4	1-3	6600 DT Truck Rig
SS-36N	7/6/2009	4	1-3	Model 5400 Truck Rig
SS-36O	7/6/2009	4	1-3	Model 5400 Truck Rig
SS-36R	7/6/2009	4	1-3	Model 5400 Truck Rig
SS-36S	7/6/2009	4	1-3	Model 5400 Truck Rig
SS-36V	7/6/2009	4	1-3	Model 5400 Truck Rig
SS-36W	7/6/2009	4	1-3	Model 5400 Truck Rig
SS-38^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-39^	3/31/2009	4	1-3	Model 5400 Truck Rig
SS-52^	3/31/2009	4	1-3	Model 5400 Truck Rig
SSHH-13B1**	4/10/2009	1	0-1	Hand Tools
SSHH-13B2**	4/10/2009	1	0-1	Hand Tools
SSHH-13B3**	4/10/2009	1	0-1	Hand Tools
SSHH-13B4**	4/10/2009	1	0-1	Hand Tools
TRC-41	1/26/2009	15	1, 5, 9, (13)	DP 6600 Truck Rig

Notes:
*- Depth in parentheses submitted to laboratory but placed on hold for contingency purposes.
** - Surface soil sample collected using hand tools.
^-Locations were previously sampled with hand tools (August & December 2008) and over-drilled on March 31, 2009 to collect samples from the 1-3 foot depth interval.
ft bgs – feet below ground surface
(1) - Samples (SB-300 at 4 feet bgs and SS-30 at 0.5 feet bgs) were collected at a later date due to insufficient volume in the original container for metals and/or PAH analysis.

TRC collected groundwater samples from three monitoring wells on August 19, 2008 (MW-4, MW-5 and MW-6), two monitoring wells on September 16, 2008 (MW-7 and MW-8) and two monitoring wells on April 23, 2009 (MW-HH-13 and MW-HRC-33). Groundwater samples were collected in general accordance with low stress (low flow) sampling guidelines. During purging activities, water quality parameters were monitored using a YSI 600XL Sonde and 650 MDS data logger and a LaMotte 2020 turbidity meter. Groundwater sampling logs are provided in Appendix B.

3.0 SUMMARY OF ANALYTICAL RESULTS

The results of laboratory analysis of soil samples collected from NBHS in 2008 and 2009 are summarized in the attached Table 1 and Table 3, respectively. Tables 1 and 3 include regulatory comparison criteria consisting of the following:

- Massachusetts Contingency Plan (MCP; 310 CMR 40.0000) Method 1 soil standards for S-1 and S-2 soil in GW-2 and GW-3 groundwater classification areas;
- MCP Reportable Concentrations (RCs) for S-1 soils; and
- United States Environmental Protection Agency (EPA) Toxic Substances Control Act (TSCA) unrestricted use soil standard for PCBs.

As shown in Table 1, metals, PCBs, and PAHs were detected in soil at NBHS in 2008. ***Twenty-two (22) compounds were detected in soil in excess of regulatory comparison criteria, which are summarized herein and highlighted in Table 1. These included: total PCBs, acenaphthylene, arsenic, antimony, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, cadmium, chromium, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, lead, 2-methylnaphthalene, naphthalene, nickel, phenanthrene, pyrene, vanadium and zinc.***

As shown in Table 3, several metals, PCBs and PAHs were detected in soil at NHBS in 2009. ***Eighteen (18) compounds were detected in soil in excess of regulatory comparison criteria, which are summarized below and highlighted in Table 3. These include: total PCBs, acenaphthylene, arsenic, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, cadmium, chromium (total), chrysene, dibenz(a, h)anthracene, indeno(1,2,3-cd)pyrene, lead, naphthalene, nickel, phenanthrene and zinc.***

Some concentrations of PCBs detected in soil samples collected from 0 to 1 and 1 to 3 feet below grade in the vicinity of HB-23 could pose an Imminent Hazard (IH) to human health, as defined in 310 CMR 40.0321(2)(b). TRC prepared an Imminent Hazard Evaluation Summary report, which is included in Appendix D. The potential IH condition triggered an Immediate Response Action (IRA) under the MCP, which is documented in TRC 2008f. Similarly, some concentrations of arsenic and chromium in soil samples collected from 0 to 1 foot below grade in the vicinity of HH-13 could also pose an IH to human health, as defined in 310 CMR 40.0321(2)(b). TRC prepared an IH Evaluation Summary report, which is included in Appendix E. The potential IH condition triggered an IRA under the MCP, which is documented in TRC 2008g.

Detected soil results are summarized on Figure 3 for total PCBs, arsenic, cadmium, chromium, nickel, lead, and benzo(a)pyrene [BAP], which were determined to be illustrative of soil impacts based on prior environmental investigations conducted at the Keith Middle School (KMS), NBHS, and certain residential locations. Figures 4-1 and 4-2 summarize 2009 soil results for total PCBs, BAP, arsenic, cadmium, chromium, lead, and occasionally nickel (the presentation varies with the analytes selected for follow-up analysis, which was a location-specific decision).

The results of laboratory analysis of groundwater samples collected from NBHS in August and September 2008 are summarized in Table 2 (attached). The laboratory results of groundwater samples collected in April 2009 are summarized in Table 5 (attached). Tables 2 and 5 include MCP Method 1 groundwater cleanup standards for GW-2 and GW-3 groundwater classification areas as regulatory comparison criteria.

As shown in Table 2, metals, PCBs, and PAHs were detected in groundwater at NBHS. ***Total lead was detected in excess of regulatory comparison criteria in the sample collected from MW-5; however, the filtered sample collected concurrently did not contain detectable levels of lead. This indicates that total lead concentrations were most likely attributable to suspended particulate material in the sample. This theory is supported by the fact that the final turbidity reading during the sampling of MW-5 in August 2008, though stable, was elevated (i.e., 270 nephelometric turbidity units [NTU]).***

As shown in Table 5, only metals were detected in groundwater at NBHS. ***Total lead was detected in excess of regulatory comparison criteria in the sample collected from MW-HRC-33; however, the filtered sample collected concurrently did not contain detectable levels of lead. This indicates that total lead concentrations were most likely attributable to suspended particulate material in the sample.***

4.0 ANALYTICAL SUPPORT AND DATA VALIDATION, EVALUATION, AND MANAGEMENT

TRC's Lead Chemist coordinates, tracks, and oversees sample analyses and validation of data produced. TRC validates PCB Aroclor soil and groundwater data in accordance with relevant EPA guidance to Tier II. VOC, metals, PAH and PCB homologue soil and groundwater analyses are evaluated for usability consistent with the Massachusetts Department of Environmental Protection (MassDEP) Compendium of Analytical Methods (CAM). Data usability evaluations and data validation are performed on an ongoing basis to support regulatory submittals where required.

Copies of sample results from laboratory reports are presented in Appendix C.

TRC's data management team incorporated electronic data deliverables (EDDs) from the analytical laboratory into TRC's proprietary Lowell Information System (LIS) database, and produced standardized analytical data tables with comparisons to relevant regulatory cleanup standards and other applicable criteria.

5.0 REFERENCES

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TABLES

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-01		SB-02		SB-03		SB-04			SB-05	
							Sample Depth (ft.):	1	3	1	3	1	3	1	3.5	3.5	1	8
							Sample Date:	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA									Field Dup		
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Acenaphthylene	600	10	600	10	1	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.20**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Chrysene	70	70	400	400	70	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.23**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Naphthalene	40	500	40	1,000	4	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.27**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Aroclor 1221	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Aroclor 1232	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Aroclor 1242	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Aroclor 1248	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Aroclor 1254	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Aroclor 1260	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
	Total PCBs	2	2	3	3	2	1	0.0520 U	0.0523 U	0.0520 U	0.0500 U	0.0502 U	0.0500 U	0.0523 U	0.0512 U	0.0508 U	0.0534 U	0.0517 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.014**	0.013 U	**0.014**	0.014 U	0.013 U	0.010 U	**0.017**	0.014 U	0.019 U	**0.025**	0.010 U
	Antimony	20	20	30	30	20	N/A	4.20 U	4.16 U	4.20 U	4.16 U	4.18 U	4.16 U	4.24 U	4.13 U	4.16 U	4.30 U	4.20 U
	Arsenic	20	20	20	20	20	N/A	2.63 U	2.60 U	2.62 U	2.60 U	2.62 U	2.60 U	2.65 U	2.58 U	2.60 U	2.69 U	2.62 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**11.0**	**9.31**	**7.41**	**5.50**	**8.49**	**6.24**	**14.6**	**7.58**	**7.14**	**12.2**	5.24 U
	Beryllium	100	100	200	200	100	N/A	**0.27**	0.26 U	0.27 U	0.26 U	0.27 U	0.26 U	0.27 U	0.26 U	0.26 U	0.27 U	0.27 U
	Cadmium	2	2	30	30	2	N/A	0.27 U	0.26 U	0.27 U	0.26 U	0.27 U	0.26 U	0.27 U	0.26 U	0.26 U	0.27 U	0.27 U
	Chromium	30	30	200	200	30	N/A	**3.85**	**3.09**	**4.11**	**3.55**	**3.38**	**2.96**	**6.30**	**2.93**	**3.42**	**7.70**	**2.75**
	Lead	300	300	300	300	300	N/A	**35.1**	**11.1**	**42.8**	**4.76**	**18.1**	**6.42**	**12.1**	**14.9**	**14.8**	**27.9**	**3.45**
	Nickel	20	20	700	700	20	N/A	**3.84**	**3.23**	**3.48**	**3.76**	**3.38**	**3.18**	**4.93**	**3.02**	**3.39**	**5.92**	**2.16**
	Selenium	400	400	800	800	400	N/A	5.25 U	5.20 U	5.24 U	5.20 U	5.23 U	5.20 U	5.30 U	5.16 U	5.20 U	5.38 U	5.24 U
	Silver	100	100	200	200	100	N/A	0.53 U	0.52 U	0.53 U	0.52 U	0.53 U	0.52 U	0.53 U	0.52 U	0.52 U	0.54 U	0.53 U
	Thallium	8	8	60	60	8	N/A	3.15 U	3.12 U	3.15 U	3.12 U	3.14 U	3.12 U	3.18 U	3.10 U	3.12 U	3.23 U	3.15 U
	Vanadium	600	600	1,000	1,000	600	N/A	**5.32**	5.20 U	5.24 U	5.20 U	5.23 U	5.20 U	**8.81**	5.16 U	5.20 U	**8.65**	5.24 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**23.1**	**15.2**	**20.4**	**15.6**	**23.0**	**14.5**	**23.2**	**18.1**	**18.4**	**23.4**	**9.35**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-267			SB-270			SB-271			SB-272		
							Sample Depth (ft.):	1	3.5	9	1	3	9.5	1	3.5	10	1	3	10
							Sample Date:	7/14/2008	7/14/2008	7/14/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Acenaphthylene	600	10	600	10	1	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.260**	0.207 U	0.199 U	NA	**0.282**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.271**	0.207 U	0.199 U	NA	**0.320**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.343**	**0.275**	0.199 U	NA	**0.360**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.338 U	0.413 U	0.397 U	NA	**0.433**	0.425 U	NA	0.441 U	0.439 U	NA	0.216 U	0.202 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Chrysene	70	70	400	400	70	N/A	**0.325**	**0.682**	0.199 U	NA	**0.362**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.338 U	0.413 U	0.397 U	NA	0.418 U	0.425 U	NA	0.441 U	0.439 U	NA	0.216 U	0.202 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.523**	0.207 U	0.199 U	NA	**0.474**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.338 U	0.413 U	0.397 U	NA	0.418 U	0.425 U	NA	0.441 U	0.439 U	NA	0.216 U	0.202 U
	Naphthalene	40	500	40	1,000	4	N/A	0.169 U	0.207 U	0.199 U	NA	0.209 U	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.230**	**0.846**	0.199 U	NA	**0.375**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.585**	**0.289**	0.199 U	NA	**0.619**	0.213 U	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0500 U	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	0.0500 U	0.0685 U	0.0580 U
	Aroclor 1221	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0500 U	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	0.0500 U	0.0685 U	0.0580 U
	Aroclor 1232	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0500 U	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	0.0500 U	0.0685 U	0.0580 U
	Aroclor 1242	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0500 U	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	0.0500 U	0.0685 U	0.0580 U
	Aroclor 1248	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0500 U	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	0.0500 U	0.0685 U	0.0580 U
	Aroclor 1254	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	**0.396 J**	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	**0.264 J**	0.0685 U	0.0580 U
	Aroclor 1260	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	**0.102 J**	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	**0.314 J**	0.0685 U	0.0580 U
	Total PCBs	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	**0.498 J**	0.0567 U	0.0596 U	0.0500 U	0.0654 U	0.0670 U	**0.578 J**	0.0685 U	0.0580 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.032 U	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.032 U	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.032 U	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.049 U	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.049 U	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.079**	**0.078**	0.012 U	NA	**0.236**	0.012 U	NA	**0.101**	0.018 U	NA	**0.176**	0.012 U
	Antimony	20	20	30	30	20	N/A	R	R	R	NA	R	R	NA	R	R	NA	R	R
	Arsenic	20	20	20	20	20	N/A	**3.19**	**14.3**	**4.84**	NA	**12.7**	**4.20**	NA	**10.5**	**4.05**	NA	**19.0**	**3.47**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**14.0**	**200**	**7.59**	NA	**256**	**17.6**	NA	**194**	**9.16**	NA	**497**	6.04 U
	Beryllium	100	100	200	200	100	N/A	0.26 U	0.31 U	0.30 U	NA	0.32 U	0.32 U	NA	0.34 U	0.33 U	NA	**0.52**	0.31 U
	Cadmium	2	2	30	30	2	N/A	0.26 U	0.31 U	0.30 U	NA	**0.48**	0.32 U	NA	0.34 U	0.33 U	NA	**0.39**	0.31 U
	Chromium	30	30	200	200	30	N/A	**5.14**	**5.30**	**3.81**	NA	**9.24**	**7.56**	NA	**7.03**	**4.03**	NA	**14.6**	**3.27**
	Lead	300	300	300	300	300	N/A	**47.9**	**209**	**3.13**	NA	**602**	**4.54**	NA	**126**	**2.50**	NA	**247**	**2.37**
	Nickel	20	20	700	700	20	N/A	**3.98**	**11.7**	**4.02**	NA	**11.3**	**6.83**	NA	**12.8**	**4.55**	NA	**22.0**	**4.25**
	Selenium	400	400	800	800	400	N/A	5.06 U	6.19 U	5.95 U	NA	6.26 U	6.37 U	NA	6.62 U	6.58 U	NA	6.47 U	6.04 U
	Silver	100	100	200	200	100	N/A	**2.22**	**3.94**	**1.17**	NA	**2.39**	**1.64**	NA	**2.44**	**1.20**	NA	**7.99**	**2.14**
	Thallium	8	8	60	60	8	N/A	3.04 U	3.72 U	3.57 U	NA	R	R	NA	R	R	NA	R	R
	Vanadium	600	600	1,000	1,000	600	N/A	**10.6**	**18.3**	5.95 U	NA	**29.1**	**12.4**	NA	**27.7**	**7.26**	NA	**44.2**	6.04 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**33.8**	**25.3**	**14.1**	NA	**154**	**22.4**	NA	**54.2**	**16.6**	NA	**74.9**	**14.8**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-273		SB-274			SB-275		SB-276		SB-277	
							Sample Depth (ft.):	5.5	8	4	4	8	4	9.5	4	9.5	4	9
							Sample Date:	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA				Field Dup							
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.261 U	0.182 U	2.08 U	2.15 U	0.207 U	0.213 U	0.193 U	NA	NA	0.202 U	0.191 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.261 U	0.182 U	2.08 U	2.15 U	0.207 U	0.213 U	0.193 U	NA	NA	0.202 U	0.191 U
	Acenaphthylene	600	10	600	10	1	N/A	0.261 U	0.182 U	2.08 U	2.15 U	0.207 U	0.213 U	0.193 U	NA	NA	0.202 U	0.191 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.261 U	0.182 U	**4.21**	**7.85**	0.207 U	**0.293**	0.193 U	NA	NA	0.202 U	0.191 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.261 U	0.182 U	**26.6**	**35.9**	0.207 U	**1.45**	0.193 U	NA	NA	0.202 U	0.191 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.261 U	0.182 U	**22.2**	**29.5**	0.207 U	**1.13**	0.193 U	NA	NA	0.202 U	0.191 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.261 U	0.182 U	**26.0**	**31.3**	0.207 U	**1.12**	0.193 U	NA	NA	0.202 U	0.191 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.261 U	0.182 U	**15.2**	**21.3**	0.207 U	**0.809**	0.193 U	NA	NA	0.202 U	0.191 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.261 U	0.182 U	**9.49**	**15.1**	0.207 U	**0.334**	0.193 U	NA	NA	0.202 U	0.191 U
	Chrysene	70	70	400	400	70	N/A	0.261 U	0.182 U	**16.3**	**32.3**	0.207 U	**1.75**	0.193 U	NA	NA	0.202 U	0.191 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.261 U	0.182 U	**4.49**	**6.41**	0.207 U	0.213 U	0.193 U	NA	NA	0.202 U	0.191 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.372**	0.182 U	**99.7**	**71.3**	0.207 U	**2.00**	0.193 U	NA	NA	**0.235**	0.191 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.261 U	0.182 U	2.08 U	**3.43**	0.207 U	0.213 U	0.193 U	NA	NA	0.202 U	0.191 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.261 U	0.182 U	**17.3**	**24.3**	0.207 U	**0.753**	0.193 U	NA	NA	0.202 U	0.191 U
	Naphthalene	40	500	40	1,000	4	N/A	0.261 U	0.182 U	2.08 U	2.15 U	0.207 U	0.213 U	0.193 U	NA	NA	0.202 U	0.191 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.261 U	0.182 U	**8.89**	**17.9**	0.207 U	**1.48**	0.193 U	NA	NA	0.202 U	0.191 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.340**	0.182 U	**41.5**	**63.0**	0.207 U	**2.41**	0.193 U	NA	NA	**0.316**	0.191 U
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0690 U	0.0536 U	0.0637 U	0.0646 U	0.0544 U	0.0608 U	0.0580 U	0.0737 U	0.0587 U	0.357 U	0.0576 U
	Aroclor 1221	2	2	3	3	2	1	0.0690 U	0.0536 U	0.0637 U	0.0646 U	0.0544 U	0.0608 U	0.0580 U	0.0737 U	0.0587 U	0.357 U	0.0576 U
	Aroclor 1232	2	2	3	3	2	1	0.0690 U	0.0536 U	0.0637 U	0.0646 U	0.0544 U	0.0608 U	0.0580 U	0.0737 U	0.0587 U	0.357 U	0.0576 U
	Aroclor 1242	2	2	3	3	2	1	0.0690 U	0.0536 U	0.0637 U	0.0646 U	0.0544 U	0.0608 U	0.0580 U	0.0737 U	0.0587 U	0.357 U	0.0576 U
	Aroclor 1248	2	2	3	3	2	1	0.0690 U	0.0536 U	0.0637 U	0.0646 U	0.0544 U	0.0608 U	0.0580 U	0.0737 U	0.0587 U	0.357 U	0.0576 U
	Aroclor 1254	2	2	3	3	2	1	**0.248 J**	0.0536 U	**0.741 J**	**0.692 J**	0.0544 U	**0.125 J**	0.0580 U	**0.0999 J**	0.0587 U	**15.2 J**	0.0576 U
	Aroclor 1260	2	2	3	3	2	1	0.0690 U	0.0536 U	**0.358 J**	**0.200 J**	0.0544 U	0.0608 U	0.0580 U	0.0737 U	0.0587 U	0.357 U	0.0576 U
	Total PCBs	2	2	3	3	2	1	**0.248 J**	0.0536 U	**1.099 J**	**0.892 J**	0.0544 U	**0.125 J**	0.0580 U	**0.0999 J**	0.0587 U	**15.2 J**	0.0576 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.243**	0.021 U	**1.27**	**3.26**	0.015 U	**0.256**	0.014 U	NA	NA	**0.207**	0.017 U
	Antimony	20	20	30	30	20	N/A	R	R	R	R	R	R	R	NA	NA	4.84 U	4.58 U
	Arsenic	20	20	20	20	20	N/A	**10.6**	**3.14**	**38.9**	**41.6**	3.10 U	**16.1**	2.90 U	NA	NA	**16.7**	2.87 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**251**	**16.8**	**1,240**	**464**	**13.7**	**422**	**7.90**	NA	NA	**265**	**11.4**
	Beryllium	100	100	200	200	100	N/A	0.40 U	0.28 U	0.32 U	0.33 U	0.31 U	**0.38**	0.29 U	NA	NA	0.31 U	0.29 U
	Cadmium	2	2	30	30	2	N/A	**6.12**	0.28 U	**3.40**	**3.97**	0.31 U	**0.59**	0.29 U	NA	NA	**2.08**	0.29 U
	Chromium	30	30	200	200	30	N/A	**11.3**	**7.29**	**44.3**	**48.1**	**4.94**	**11.0**	**3.44**	NA	NA	**16.9**	**4.30**
	Lead	300	300	300	300	300	N/A	**456**	**2.92**	**1,750**	**1,450**	**4.97**	**330**	**3.48**	NA	NA	**977**	**3.99**
	Nickel	20	20	700	700	20	N/A	**15.8**	**5.14**	**113**	**43.6**	**2.22**	**14.9**	**2.25**	NA	NA	**15.0**	**4.44**
	Selenium	400	400	800	800	400	N/A	7.83 U	5.46 U	6.22 U	6.45 U	6.20 U	6.37 U	5.79 U	NA	NA	6.05 U	5.73 U
	Silver	100	100	200	200	100	N/A	**6.62**	**1.90**	**45.5**	**38.6**	**0.66**	**3.31**	**0.95**	NA	NA	**6.65**	**1.04**
	Thallium	8	8	60	60	8	N/A	R	R	R	R	R	3.83 U	R	NA	NA	3.63 U	3.44 U
	Vanadium	600	600	1,000	1,000	600	N/A	**22.9**	**8.06**	**20.6**	**23.5**	6.20 U	**31.2**	5.79 U	NA	NA	**29.6**	**6.79**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**397**	**23.4**	**835**	**815**	**9.54**	**200**	**7.88**	NA	NA	**250**	**9.97**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-278		SB-279		SB-280		SB-281			SB-282	
							Sample Depth (ft.):	4	6	4	11	4	9.5	4	4	8	3.5	8
							Sample Date:	7/17/2008	7/17/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								Field Dup			
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	**0.743**	0.195 U	NA	NA	**0.249**	**0.614**	0.725 U	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.207 U	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	**0.615**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.592**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	**3.04**	0.195 U	NA	NA	**0.376**	**0.613**	0.725 U	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	**2.70**	0.195 U	NA	NA	**0.374**	**0.593**	0.725 U	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	**4.64**	0.195 U	NA	NA	0.193 U	**1.02**	0.725 U	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**2.39**	0.195 U	NA	NA	**0.392**	0.486 U	0.725 U	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	**1.70**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	**4.41**	0.195 U	NA	NA	**0.535**	**0.785**	0.725 U	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	**0.770**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**5.99**	0.195 U	NA	NA	**0.807**	**1.40**	0.725 U	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.207 U	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	**2.89**	0.195 U	NA	NA	**0.301**	0.486 U	0.725 U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	**0.523**	0.195 U	NA	NA	**0.402**	**2.15**	0.725 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	**1.72**	0.195 U	NA	NA	**0.513**	**1.34**	0.725 U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**5.08**	0.195 U	NA	NA	**0.675**	**1.04**	0.725 U	NA	NA
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0642 U	0.189 UJ	0.0591 U	0.0564 U	0.0595 U	0.126 U	0.0543 U	0.0572 U	0.234 UJ	0.0644 U	0.229 UJ
	Aroclor 1221	2	2	3	3	2	1	0.0642 U	0.189 UJ	0.0591 U	0.0564 U	0.0595 U	0.126 U	0.0543 U	0.0572 U	0.234 UJ	0.0644 U	0.229 UJ
	Aroclor 1232	2	2	3	3	2	1	0.0642 U	0.189 UJ	0.0591 U	0.0564 U	0.0595 U	0.126 U	0.0543 U	0.0572 U	0.234 UJ	0.0644 U	0.229 UJ
	Aroclor 1242	2	2	3	3	2	1	0.0642 U	0.189 UJ	0.0591 U	0.0564 U	0.0595 U	0.126 U	0.0543 U	0.0572 U	0.234 UJ	0.0644 U	0.229 UJ
	Aroclor 1248	2	2	3	3	2	1	0.0642 U	0.189 UJ	0.0591 U	0.0564 U	0.0595 U	0.126 U	0.0543 U	0.0572 U	0.234 UJ	0.0644 U	0.229 UJ
	Aroclor 1254	2	2	3	3	2	1	**1.37 J**	0.189 UJ	**0.375 J**	0.0564 U	**0.378 J**	0.126 U	0.0543 U	0.0572 U	0.234 UJ	**0.0725 J**	0.229 UJ
	Aroclor 1260	2	2	3	3	2	1	0.0642 U	0.189 UJ	**0.0951 J**	0.0564 U	0.0595 U	0.126 U	**1.30 J**	**0.474 J**	0.234 UJ	0.0644 U	0.229 UJ
	Total PCBs	2	2	3	3	2	1	**1.37 J**	0.189 UJ	**0.4701 J**	0.0564 U	**0.378 J**	0.126 U	**1.30 J**	**0.474 J**	0.234 UJ	**0.0725 J**	0.229 UJ
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.015 U	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.015 U	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.015 U	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.029 U	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.029 U	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.029 U	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.044 U	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.044 U	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.074 U	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.074 U	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	0.074 U	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	**0.917**	0.013 U	**0.527**	0.045 U	**0.352**	**0.449**	0.095 U	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	4.96 U	4.68 U	4.84 U	8.74 U	R	R	R	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	**41.5**	2.93 U	**21.3**	**9.02**	**44.5**	**27.1**	10.9 U	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**644**	**8.05**	**470**	**24.8**	**671**	**675**	**147**	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	**0.71**	0.30 U	**1.03**	**0.73**	**0.70**	**0.52**	1.09 U	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	**4.39**	0.30 U	**9.10**	0.55 U	**4.25**	**2.90**	1.09 U	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	**75.6**	**3.77**	**23.2**	**15.2**	**149**	**124**	**7.78**	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	**2,060**	**36.2**	**1,980**	**5.61**	**4,940**	**4,970**	**8.87**	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	**35.9**	**2.27**	**15.0**	**19.6**	**25.6**	**28.2**	2.18 U	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	6.20 U	5.85 U	6.05 U	11.0 U	5.77 U	5.83 U	21.8 U	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	**12.3**	0.59 U	**8.25**	1.10 U	**9.83**	**25.2**	2.18 U	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	R	R	R	R	R	R	R	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	**25.5**	5.85 U	**20.0**	**21.2**	**19.4**	**18.7**	21.8 U	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	**1,340**	**10.6**	**1,770**	**40.1**	**1,660**	**1,520**	**58.6**	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte							SB-283			SB-284		SB-285		SB-286		SB-287	
							Sample ID:											
							Sample Depth (ft.):	3.5	3.5	6	3	5	3.5	7.5	4	9	4	9
							Sample Date:	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/17/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA		Field Dup									
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	1.03 U	2.08 U	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	0.981 U	0.212 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	**1.43**	2.08 U	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**2.64**	0.212 U
	Acenaphthylene	600	10	600	10	1	N/A	1.03 U	2.08 U	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	0.981 U	0.212 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**3.28**	**4.77**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**5.78**	0.212 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	**7.90**	**10.4**	0.567 U	NA	NA	**1.31**	0.178 U	NA	NA	**10.2**	0.212 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	**7.20**	**9.50**	0.567 U	NA	NA	**1.07**	0.178 U	NA	NA	**8.80**	0.212 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**7.36**	**9.39**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**9.21**	0.212 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**5.07**	**8.99**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**5.58**	0.212 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**2.93**	**4.22**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**3.54**	0.212 U
	Chrysene	70	70	400	400	70	N/A	**8.08**	**10.4**	0.567 U	NA	NA	**1.27**	0.178 U	NA	NA	**9.65**	0.212 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	**1.39**	**2.27**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	0.981 U	0.212 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**14.3**	**20.5**	0.567 U	NA	NA	**2.06**	0.178 U	NA	NA	**18.8**	0.212 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	**1.79**	**2.42**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**3.16**	0.212 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**5.81**	**9.27**	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**6.63**	0.212 U
	Naphthalene	40	500	40	1,000	4	N/A	1.03 U	2.08 U	0.567 U	NA	NA	1.02 U	0.178 U	NA	NA	**1.57**	0.212 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**14.0**	**20.0**	0.567 U	NA	NA	**3.60**	0.178 U	NA	NA	**21.2**	0.212 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**14.6**	**20.1**	0.567 U	NA	NA	**3.82**	0.178 U	NA	NA	**18.0**	0.212 U
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0629 U	0.0591 U	0.147 U	0.0690 U	0.207 UJ	0.202 U	0.0553 U	0.132 U	0.0550 U	0.0623 U	0.0611 U
	Aroclor 1221	2	2	3	3	2	1	0.0629 U	0.0591 U	0.147 U	0.0690 U	0.207 UJ	0.202 U	0.0553 U	0.132 U	0.0550 U	0.0623 U	0.0611 U
	Aroclor 1232	2	2	3	3	2	1	0.0629 U	0.0591 U	0.147 U	0.0690 U	0.207 UJ	0.202 U	0.0553 U	0.132 U	0.0550 U	0.0623 U	0.0611 U
	Aroclor 1242	2	2	3	3	2	1	0.0629 U	0.0591 U	0.147 U	0.0690 U	0.207 UJ	0.202 U	0.0553 U	0.132 U	0.0550 U	0.0623 U	0.0611 U
	Aroclor 1248	2	2	3	3	2	1	0.0629 U	0.0591 U	0.147 U	0.0690 U	0.207 UJ	0.202 U	0.0553 U	0.132 U	0.0550 U	0.0623 U	0.0611 U
	Aroclor 1254	2	2	3	3	2	1	**0.566 J**	**0.670 J**	0.147 U	**0.499 J**	0.207 UJ	**5.74 J**	0.0553 U	**6.17 J**	**0.232 J**	**1.27 J**	0.0611 U
	Aroclor 1260	2	2	3	3	2	1	**0.247 J**	**0.421 J**	0.147 U	**0.269 J**	0.207 UJ	**1.76 J**	0.0553 U	**1.02 J**	0.0550 U	**0.509 J**	0.0611 U
	Total PCBs	2	2	3	3	2	1	**0.813 J**	**1.091 J**	0.147 U	**0.768 J**	0.207 UJ	**7.50 J**	0.0553 U	**7.19 J**	**0.232 J**	**1.779 J**	0.0611 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.015 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.015 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.015 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.031 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	**0.045**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.031 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.046 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.046 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.076 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.076 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.045**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**1.17**	**1.30**	**0.191**	NA	NA	**2.26**	0.017 U	NA	NA	**0.773**	0.016 U
	Antimony	20	20	30	30	20	N/A	R	R	R	NA	NA	**226**	4.26 U	NA	NA	4.71 U	5.08 U
	Arsenic	20	20	20	20	20	N/A	**19.8**	**18.8**	**13.5**	NA	NA	**26.6**	2.66 U	NA	NA	**31.9**	3.18 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**558**	**544**	**198**	NA	NA	**986**	**20.2**	NA	NA	**1,810**	**7.35**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.32 U	0.86 U	NA	NA	0.31 U	0.27 U	NA	NA	0.30 U	0.32 U
	Cadmium	2	2	30	30	2	N/A	**3.93**	**4.65**	0.86 U	NA	NA	**14.8**	0.27 U	NA	NA	**84.3**	0.32 U
	Chromium	30	30	200	200	30	N/A	**30.4**	**26.6**	**9.55**	NA	NA	**280**	**3.44**	NA	NA	**302**	**3.30**
	Lead	300	300	300	300	300	N/A	**1,450**	**1,680**	**13.5**	NA	NA	**1,140**	**3.20**	NA	NA	**3,110**	**3.07**
	Nickel	20	20	700	700	20	N/A	**21.5**	**20.2**	**4.75**	NA	NA	**55.7**	**2.43**	NA	NA	**83.2**	**4.14**
	Selenium	400	400	800	800	400	N/A	6.18 U	6.23 U	17.1 U	NA	NA	6.07 U	5.32 U	NA	NA	5.89 U	6.35 U
	Silver	100	100	200	200	100	N/A	**17.7**	**14.4**	**2.14**	NA	NA	**23.3**	**0.85**	NA	NA	**28.4**	**1.16**
	Thallium	8	8	60	60	8	N/A	R	R	R	NA	NA	3.65 U	3.20 U	NA	NA	R	3.81 U
	Vanadium	600	600	1,000	1,000	600	N/A	**22.9**	**23.3**	17.1 U	NA	NA	**311**	5.32 U	NA	NA	**45.0**	6.35 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**1,450**	**1,370**	**32.7**	NA	NA	**2,210**	**14.7**	NA	NA	**3,540**	**12.3**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte							SB-288		SB-289		SB-290		SB-291		SB-292	
							Sample Depth (ft.):	4	9	3.5	6	2.5	6	2	6	2	5
							Sample Date:	7/17/2008	7/17/2008	7/17/2008	7/17/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA										
PAHs																	
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA	NA	NA
PCBs																	
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0616 U	0.0575 U	0.0592 U	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U	0.0519 U	0.0527 U
	Aroclor 1221	2	2	3	3	2	1	0.0616 U	0.0575 U	0.0592 U	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U	0.0519 U	0.0527 U
	Aroclor 1232	2	2	3	3	2	1	0.0616 U	0.0575 U	0.0592 U	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U	0.0519 U	0.0527 U
	Aroclor 1242	2	2	3	3	2	1	0.0616 U	0.0575 U	0.0592 U	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U	0.0519 U	0.0527 U
	Aroclor 1248	2	2	3	3	2	1	0.0616 U	0.0575 U	0.0592 U	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U	0.0519 U	0.0527 U
	Aroclor 1254	2	2	3	3	2	1	**0.294 J**	0.0575 U	**1.69 J**	**0.184 J**	**0.127 J**	0.0532 U	**0.127 J**	0.0533 U	0.0519 U	0.0527 U
	Aroclor 1260	2	2	3	3	2	1	**0.161 J**	0.0575 U	**1.24 J**	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U	0.0519 U	0.0527 U
	Total PCBs	2	2	3	3	2	1	**0.455 J**	0.0575 U	**2.93 J**	**0.184 J**	**0.127 J**	0.0532 U	**0.127 J**	0.0533 U	0.0519 U	0.0527 U
PCB Homologs																	
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																	
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	**0.818**	**0.247**	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	4.69 U	12.2 U	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	**14.6**	**39.8**	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**717**	**326**	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	0.30 U	0.76 U	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	**2.91**	**1.59**	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	**44.4**	**42.6**	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	**1,730**	**60.6**	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	**18.5**	**48.0**	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	5.87 U	15.2 U	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	**6.44**	**18.0**	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	3.52 U	9.12 U	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	**66.8**	15.2 U	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	**671**	**372**	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-293			SB-294			SB-295		SB-296		
							Sample Depth (ft.):	6.5	9	12	4	8.5	12	5.5	9	5	5	10
							Sample Date:	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA										Field Dup	
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Acenaphthylene	600	10	600	10	1	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Chrysene	70	70	400	400	70	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Naphthalene	40	500	40	1,000	4	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Aroclor 1221	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Aroclor 1232	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Aroclor 1242	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Aroclor 1248	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Aroclor 1254	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Aroclor 1260	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
	Total PCBs	2	2	3	3	2	1	0.0684 U	0.202 UJ	NA	0.0649 U	0.162 UJ	NA	0.0798 U	0.0531 U	0.0676 U	0.0711 U	0.0597 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.020 U	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.020 U	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.020 U	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.040 U	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	**0.057**	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.040 U	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.060 U	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.060 U	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	**0.057**	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.212**	**0.389**	0.022 U	**1.34**	**0.118**	**0.041**	NA	NA	**0.143**	**0.372**	0.020 U
	Antimony	20	20	30	30	20	N/A	R	R	4.62 U	R	R	4.73 U	NA	NA	R	R	R
	Arsenic	20	20	20	20	20	N/A	**16.1**	**31.6**	2.89 U	**40.6**	**14.0**	**4.27**	NA	NA	**10.3**	**10.5**	2.96 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**438**	**266**	**15.8**	**1,920**	**170**	**63.9**	NA	NA	**314**	**242**	5.92 U
	Beryllium	100	100	200	200	100	N/A	**0.86**	**1.42**	0.29 U	**0.70**	0.93 U	0.30 U	NA	NA	**0.66**	**0.64**	0.30 U
	Cadmium	2	2	30	30	2	N/A	**0.61**	**16.2**	0.29 U	**2.10**	**3.14**	**2.75**	NA	NA	**5.55**	**2.29**	0.30 U
	Chromium	30	30	200	200	30	N/A	**14.3**	**23.8**	**4.74**	**36.5**	**14.5**	**9.77**	NA	NA	**16.2**	**22.4**	**2.80**
	Lead	300	300	300	300	300	N/A	**396**	**848**	**3.20**	**3,260**	**790**	**257**	NA	NA	**353**	**436**	**2.01**
	Nickel	20	20	700	700	20	N/A	**14.0**	**25.9**	**2.76**	**31.8**	**13.7**	**8.03**	NA	NA	**14.1**	**11.7**	**2.46**
	Selenium	400	400	800	800	400	N/A	6.65 U	21.6 U	5.77 U	6.20 U	18.5 U	5.92 U	NA	NA	6.99 U	6.77 U	5.92 U
	Silver	100	100	200	200	100	N/A	**2.97**	**21.5**	0.58 U	**16.0**	**6.15**	0.60 U	NA	NA	**4.28**	**7.99**	0.60 U
	Thallium	8	8	60	60	8	N/A	R	R	3.47 U	R	R	3.55 U	NA	NA	R	R	R
	Vanadium	600	600	1,000	1,000	600	N/A	**33.8**	**25.5**	**7.68**	**33.5**	18.5 U	**8.72**	NA	NA	**24.9**	**23.2**	5.92 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**185**	**4,500**	**11.1**	**894**	**2,050**	**1,000**	NA	NA	**288**	**169**	**13.4**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-297			SB-298		SB-299		SB-300		SB-301	
							Sample Depth (ft.):	6	8	11	4	8	4	8	4	8	7	10.5
							Sample Date:	7/22/2008	7/22/2008	7/22/2008	8/4/2008	8/4/2008	8/4/2008	8/4/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								(a)			
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.266**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.228**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.260**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Chrysene	70	70	400	400	70	N/A	**0.299**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.674**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.228 U	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.608**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.414**	0.600 U	NA	NA	NA	NA	NA	0.216 U	0.755 U	NA	NA
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Aroclor 1221	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Aroclor 1232	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Aroclor 1242	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Aroclor 1248	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Aroclor 1254	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Aroclor 1260	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
	Total PCBs	2	2	3	3	2	1	0.0732 U	0.187 UJ	NA	0.0630 U	0.255 UJ	0.0666 U	0.206 UJ	0.0636 U	0.235 UJ	0.0648 U	0.0795 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.032 U	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.032 U	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.032 U	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.049 U	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.049 U	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.214**	**0.128**	0.018 U	**0.222**	**0.174**	NA	NA	**0.507**	**0.215**	NA	NA
	Antimony	20	20	30	30	20	N/A	R	R	4.71 U	5.51 U	19.1 U	NA	NA	R	R	NA	NA
	Arsenic	20	20	20	20	20	N/A	**14.9**	9.00 U	2.94 U	**17.1**	12.0 U	NA	NA	**9.93**	11.4 U	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**432**	**94.9**	**8.16**	**407**	**61.7**	NA	NA	**275**	**63.2**	NA	NA
	Beryllium	100	100	200	200	100	N/A	**1.01**	0.90 U	0.30 U	**0.83**	1.20 U	NA	NA	**0.75**	1.14 U	NA	NA
	Cadmium	2	2	30	30	2	N/A	**1.53**	**8.36**	0.30 U	**0.58**	1.20 U	NA	NA	**0.50**	1.14 U	NA	NA
	Chromium	30	30	200	200	30	N/A	**16.2**	**3.36**	**3.70**	**15.4**	**4.90**	NA	NA	**12.1**	**3.31**	NA	NA
	Lead	300	300	300	300	300	N/A	**1,500**	**50.6**	**2.76**	**869**	**12.2**	NA	NA	**142**	**9.62**	NA	NA
	Nickel	20	20	700	700	20	N/A	**17.3**	**11.9**	**3.07**	**14.8**	**3.03**	NA	NA	**13.3**	2.27 U	NA	NA
	Selenium	400	400	800	800	400	N/A	6.83 U	18.0 U	5.88 U	6.88 U	23.9 U	NA	NA	6.74 U	22.7 U	NA	NA
	Silver	100	100	200	200	100	N/A	**1.89**	1.80 U	0.59 U	**6.58**	2.39 U	NA	NA	**1.14**	2.27 U	NA	NA
	Thallium	8	8	60	60	8	N/A	R	R	3.53 U	4.13 U	14.3 U	NA	NA	R	R	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**22.6**	18.0 U	5.88 U	**41.4**	23.9 U	NA	NA	**28.5**	22.7 U	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**267**	**1,310**	**10.7**	**213**	**40.2**	NA	NA	**237**	**93.9**	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-302		SB-303		SB-304		SB-305		SB-306		
							Sample Depth (ft.):	2.5	8	5	10	5	8	4	9	1	4	7
							Sample Date:	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/23/2008	7/23/2008	7/23/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA											
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1221	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1232	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1242	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1248	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1254	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	**0.107 J**	0.0656 U	0.182 UJ
	Aroclor 1260	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0500 U	0.0656 U	0.182 UJ
	Total PCBs	2	2	3	3	2	1	0.0640 U	0.205 UJ	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	**0.107 J**	0.0656 U	0.182 UJ
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.094**	0.084 U	**0.488**	0.140 U	NA	NA	0.028 U	0.014 U	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	R	R	R	22.4 U	NA	NA	5.12 U	4.85 U	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**8.84**	10.7 U	**31.9**	14.0 U	NA	NA	**8.68**	3.04 U	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**280**	**31.1**	**1,960**	**44.4**	NA	NA	**702**	**6.83**	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	**0.84**	1.07 U	**1.45**	1.40 U	NA	NA	**1.23**	0.31 U	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.51**	1.07 U	**1.34**	1.40 U	NA	NA	**1.55**	0.31 U	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**9.81**	**2.17**	**24.4**	**8.56**	NA	NA	**18.3**	**2.88**	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**2,440**	**4.73**	**1,820**	4.19 U	NA	NA	**3,970**	**7.80**	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	**11.6**	2.13 U	**27.3**	**5.69**	NA	NA	**14.7**	**2.40**	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	6.25 U	21.3 U	8.35 U	28.0 U	NA	NA	6.40 U	6.07 U	NA	NA	NA
	Silver	100	100	200	200	100	N/A	**1.37**	2.13 U	**2.82**	2.80 U	NA	NA	0.64 U	0.61 U	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	R	R	R	R	NA	NA	R	R	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**35.9**	21.3 U	**50.6**	28.0 U	NA	NA	**32.8**	6.07 U	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**181**	**27.8**	**564**	**13.4**	NA	NA	**435**	**8.99**	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-307			SB-308		SB-309		SB-310		SB-311		
							Sample Depth (ft.):	3	6	9	3.5	6	4	8	3	7	6	6	9
							Sample Date:	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008	7/23/2008 Field Dup	7/23/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	**146**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	**240**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	9.32 U	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**443**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	**644**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	**564**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	**635**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**337**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	**257**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	**587**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	**143**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**1,300**	**1.05**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**311**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	**400**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	**354**	0.698 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	**1,310**	**0.785**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**1,050**	**0.799**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	0.143 U	0.0632 U	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Aroclor 1221	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	0.143 U	0.0632 U	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Aroclor 1232	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	0.143 U	0.0632 U	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Aroclor 1242	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	0.143 U	0.0632 U	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Aroclor 1248	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	0.143 U	0.0632 U	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Aroclor 1254	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	**0.698 J**	0.0632 U	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Aroclor 1260	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	0.143 U	**0.175 J**	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
	Total PCBs	2	2	3	3	2	1	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	0.0822 U	**0.698 J**	**0.175 J**	0.253 UJ	0.0667 U	0.0706 U	0.183 UJ
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.074**	0.115 U	0.016 U	**0.086**	**0.104**	NA	NA	**2.08**	0.105 U	**0.218**	**0.215**	0.078 U
	Antimony	20	20	30	30	20	N/A	5.05 U	20.9 U	4.73 U	**7.03**	16.8 U	NA	NA	5.11 U	19.3 U	5.54 U	5.56 U	15.7 U
	Arsenic	20	20	20	20	20	N/A	**5.99**	13.1 U	2.96 U	**15.0**	10.5 U	NA	NA	**9.39**	12.1 U	**14.9**	**18.0**	9.77 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**373**	**85.1**	5.92 U	**261**	**50.5**	NA	NA	**287**	24.1 U	**384**	**356**	**23.7**
	Beryllium	100	100	200	200	100	N/A	**0.85**	1.31 U	0.30 U	**2.94**	1.05 U	NA	NA	**0.86**	1.21 U	**0.55**	**0.59**	0.98 U
	Cadmium	2	2	30	30	2	N/A	**0.76**	**4.43**	0.30 U	**0.49**	1.05 U	NA	NA	**0.46**	1.21 U	**1.71**	**1.71**	0.98 U
	Chromium	30	30	200	200	30	N/A	**11.6**	**7.18**	**1.61**	**5.15**	2.10 U	NA	NA	**11.0**	**10.8**	**24.6**	**40.8**	**11.5**
	Lead	300	300	300	300	300	N/A	**589**	**281**	**2.36**	**503**	**5.22**	NA	NA	**443**	**3.91**	**1,970**	**912**	**4.51**
	Nickel	20	20	700	700	20	N/A	**35.2**	**5.74**	**1.20**	**3.75**	2.10 U	NA	NA	**13.0**	**8.83**	**17.2**	**31.3**	**9.47**
	Selenium	400	400	800	800	400	N/A	6.31 U	26.1 U	5.92 U	5.59 U	21.0 U	NA	NA	6.39 U	24.1 U	6.92 U	6.95 U	19.6 U
	Silver	100	100	200	200	100	N/A	0.64 U	**4.67**	0.60 U	0.56 U	2.10 U	NA	NA	**1.18**	2.41 U	**10.7**	**12.5**	1.96 U
	Thallium	8	8	60	60	8	N/A	R	R	3.55 U	R	R	NA	NA	R	R	R	R	R
	Vanadium	600	600	1,000	1,000	600	N/A	**160**	26.1 U	5.92 U	**19.4**	21.0 U	NA	NA	**20.7**	24.1 U	**22.1**	**23.5**	19.6 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**343**	**1,300**	**8.26**	**80.7**	**17.3**	NA	NA	**76.4**	**14.3**	**851**	**592**	**21.3**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-312		SB-313		SB-318		SB-319		SB-320		SB-321	
							Sample Depth (ft.):	5	9	5	8	4	8	4	7	5	8	4	9
							Sample Date:	8/5/2008	8/5/2008	8/4/2008	8/4/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	0.224 U	0.206 U	NA	NA	NA	NA
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Aroclor 1221	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Aroclor 1232	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Aroclor 1242	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Aroclor 1248	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Aroclor 1254	2	2	3	3	2	1	**19.7 J**	0.0500 U	**6.32 J**	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Aroclor 1260	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
	Total PCBs	2	2	3	3	2	1	**19.7 J**	0.0500 U	**6.32 J**	0.0529 U	0.0569 U	0.0531 U	0.0630 U	0.0674 U	0.0672 U	0.238 UJ	0.0616 U	0.0589 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	0.020 U	0.017 U	NA	NA	NA	NA	**0.434**	**0.025**	**0.623**	**0.158**	NA	NA
	Antimony	20	20	30	30	20	N/A	4.47 U	4.16 U	NA	NA	NA	NA	5.36 U	4.93 U	**18.7**	16.4 U	NA	NA
	Arsenic	20	20	20	20	20	N/A	2.80 U	2.60 U	NA	NA	NA	NA	**12.4**	**5.00**	**55.8**	10.3 U	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**5.90**	**8.82**	NA	NA	NA	NA	**357**	**88.8**	**159**	**46.8**	NA	NA
	Beryllium	100	100	200	200	100	N/A	0.28 U	0.26 U	NA	NA	NA	NA	**1.06**	**0.40**	0.32 U	1.03 U	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.28 U	0.26 U	NA	NA	NA	NA	**0.65**	0.31 U	**7.87**	1.03 U	NA	NA
	Chromium	30	30	200	200	30	N/A	**2.06**	**4.05**	NA	NA	NA	NA	**14.5**	**28.1**	**107**	**8.55**	NA	NA
	Lead	300	300	300	300	300	N/A	**2.97**	**4.88**	NA	NA	NA	NA	**483**	**13.7**	**2,240**	**15.1**	NA	NA
	Nickel	20	20	700	700	20	N/A	**2.37**	**3.40**	NA	NA	NA	NA	**18.8**	**16.1**	**99.7**	**4.91**	NA	NA
	Selenium	400	400	800	800	400	N/A	5.59 U	5.20 U	NA	NA	NA	NA	6.70 U	6.16 U	6.28 U	20.5 U	NA	NA
	Silver	100	100	200	200	100	N/A	**0.57**	**0.71**	NA	NA	NA	NA	0.67 U	0.62 U	0.63 U	2.05 U	NA	NA
	Thallium	8	8	60	60	8	N/A	3.35 U	3.12 U	NA	NA	NA	NA	4.02 U	3.70 U	3.77 U	12.3 U	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	5.59 U	**5.53**	NA	NA	NA	NA	**28.9**	**32.3**	**53.3**	**24.5**	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**9.50**	**10.2**	NA	NA	NA	NA	**203**	**51.1**	**3,570**	**149**	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-322		SB-323		SB-324		SB-325		SB-326		SB-327	
							Sample Depth (ft.):	3.5	10.5	5	9	4.5	8.5	1	6	2	5	2	6
							Sample Date:	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	**2.45**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	**2.24**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	**5.24**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**18.7**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**29.8**	**2.12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**23.8**	**1.65**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**23.2**	**1.64**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**12.2**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**8.48**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**28.0**	**2.12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	**3.91**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**54.9**	**3.18**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	**9.99**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**14.7**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	**2.09**	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**61.9**	**3.30**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**56.3**	**4.00**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Aroclor 1221	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Aroclor 1232	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Aroclor 1242	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Aroclor 1248	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Aroclor 1254	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Aroclor 1260	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
	Total PCBs	2	2	3	3	2	1	0.0560 U	0.168 UJ	0.0682 U	0.0573 U	0.0554 U	0.0612 U	0.0564 U	0.276 UJ	0.0560 U	0.0520 U	0.0507 U	0.180 UJ
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.014 U	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.014 U	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.014 U	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.028 U	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.028 U	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.028 U	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.043 U	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.043 U	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.071 U	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.071 U	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	0.071 U	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.063**	**0.094**	**0.042**	0.012 U	NA	NA	NA	NA	**0.051**	0.013 U	NA	NA
	Antimony	20	20	30	30	20	N/A	4.87 U	14.9 U	5.27 U	4.76 U	NA	NA	NA	NA	4.65 U	4.34 U	NA	NA
	Arsenic	20	20	20	20	20	N/A	**9.58**	9.26 U	**22.9**	**4.18**	NA	NA	NA	NA	**11.1**	2.71 U	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**265**	**92.2**	**246**	**14.2**	NA	NA	NA	NA	**262**	**23.3**	NA	NA
	Beryllium	100	100	200	200	100	N/A	**0.76**	0.93 U	**0.84**	0.30 U	NA	NA	NA	NA	**0.58**	0.28 U	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.31 U	0.93 U	**0.73**	0.30 U	NA	NA	NA	NA	0.30 U	0.28 U	NA	NA
	Chromium	30	30	200	200	30	N/A	**12.3**	**11.3**	**12.3**	**5.89**	NA	NA	NA	NA	**10.0**	**6.35**	NA	NA
	Lead	300	300	300	300	300	N/A	**357**	**72.3**	**113**	**6.99**	NA	NA	NA	NA	**26.8**	**3.36**	NA	NA
	Nickel	20	20	700	700	20	N/A	**13.5**	**3.81**	**17.8**	**5.24**	NA	NA	NA	NA	**13.6**	**3.49**	NA	NA
	Selenium	400	400	800	800	400	N/A	6.08 U	18.6 U	6.58 U	5.94 U	NA	NA	NA	NA	5.81 U	5.42 U	NA	NA
	Silver	100	100	200	200	100	N/A	0.61 U	1.86 U	0.66 U	0.60 U	NA	NA	NA	NA	0.59 U	0.55 U	NA	NA
	Thallium	8	8	60	60	8	N/A	3.65 U	11.2 U	3.95 U	3.57 U	NA	NA	NA	NA	3.49 U	3.26 U	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**32.3**	18.6 U	**29.7**	**7.13**	NA	NA	NA	NA	**15.6**	**8.40**	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**143**	**44.2**	**169**	**18.9**	NA	NA	NA	NA	**22.4**	**11.4**	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SB-328		SB-329		SB-330		SB-331		SB-332		SB-333	
							Sample Depth (ft.):	4	10	4	9	4	9	4	10	4	9	4	8
							Sample Date:	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	8/12/2008	8/12/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.172 U	0.191 U	NA	NA	NA	NA
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0542 U	0.0576 U	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	0.0566 U	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Aroclor 1221	2	2	3	3	2	1	0.0542 U	0.0576 U	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	0.0566 U	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Aroclor 1232	2	2	3	3	2	1	0.0542 U	0.0576 U	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	0.0566 U	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Aroclor 1242	2	2	3	3	2	1	0.0542 U	0.0576 U	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	0.0566 U	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Aroclor 1248	2	2	3	3	2	1	0.0542 U	0.0576 U	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	0.0566 U	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Aroclor 1254	2	2	3	3	2	1	0.0542 U	**0.0604 J**	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	**0.709 J**	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Aroclor 1260	2	2	3	3	2	1	0.0542 U	0.0576 U	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	0.0566 U	0.0501 U	0.0541 U	0.0500 U	0.0558 U
	Total PCBs	2	2	3	3	2	1	0.0542 U	**0.0604 J**	0.0507 U	0.0500 U	0.0500 U	0.0554 U	0.0508 U	**0.709 J**	0.0501 U	0.0541 U	0.0500 U	0.0558 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	0.021 U	**0.024**	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	4.12 U	4.59 U	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	2.58 U	**4.76**	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	**9.30**	**37.7**	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	**0.33**	**0.42**	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	0.26 U	0.29 U	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	**2.71**	**11.0**	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	**4.78**	**8.08**	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	**2.67**	**14.1**	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	5.15 U	5.73 U	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	0.52 U	0.58 U	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	3.09 U	3.44 U	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	5.15 U	**18.8**	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	**9.82**	**39.2**	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte							SB-349					SB-350			NBHS-1	
							Sample ID:										
							Sample Depth (ft.):	1	8	8	11	14	0.5	5	8	8	12
							Sample Date:	8/21/2008	8/21/2008	8/21/2008	8/21/2008	8/21/2008	8/21/2008	8/21/2008	8/21/2008	7/29/2008	7/29/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup							
PAHs																	
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	0.240 U	0.206 U	0.627 U	NA	NA	0.238 U	0.182 U	0.200 U	0.665 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	0.240 U	0.206 U	0.627 U	NA	NA	0.238 U	0.182 U	**0.321**	0.665 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	0.240 U	0.206 U	0.627 U	NA	NA	0.238 U	0.182 U	0.200 U	0.665 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.251**	**0.466**	0.627 U	NA	NA	0.238 U	0.182 U	**0.929**	0.665 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	**0.771**	**1.24**	0.627 U	NA	NA	0.238 U	0.182 U	**3.21**	0.665 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	**0.715**	**1.12**	0.627 U	NA	NA	0.238 U	0.182 U	**2.86**	0.665 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	**0.762**	**1.13**	0.627 U	NA	NA	0.238 U	0.182 U	**3.42**	0.665 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.649**	**0.864**	0.627 U	NA	NA	0.238 U	0.182 U	**2.30**	0.665 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	**0.296**	**0.442**	0.627 U	NA	NA	0.238 U	0.182 U	**1.07**	0.665 U
	Chrysene	70	70	400	400	70	N/A	NA	**0.851**	**1.26**	0.627 U	NA	NA	0.238 U	0.182 U	**3.08**	0.665 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	0.240 U	0.206 U	0.627 U	NA	NA	0.238 U	0.182 U	**0.643**	0.665 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**1.53**	**2.56**	0.627 U	NA	NA	0.238 U	0.182 U	**3.87**	0.665 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.240 U	0.206 U	0.627 U	NA	NA	0.238 U	0.182 U	**0.401**	0.665 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	**0.679**	**0.960**	0.627 U	NA	NA	0.238 U	0.182 U	**2.60**	0.665 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	0.240 U	0.206 U	0.627 U	NA	NA	0.238 U	0.182 U	**0.290**	0.665 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	**1.19**	**2.00**	0.627 U	NA	NA	0.238 U	0.182 U	**3.78**	0.665 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**1.69**	**2.61**	0.627 U	NA	NA	0.238 U	0.182 U	**5.35**	0.665 U
PCBs																	
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.112 U	0.0704 U	0.0711 U	0.186 UJ	NA	0.0545 U	0.0717 U	0.0531 U	0.0570 U	0.230 UJ
	Aroclor 1221	2	2	3	3	2	1	0.112 U	0.0704 U	0.0711 U	0.186 UJ	NA	0.0545 U	0.0717 U	0.0531 U	0.0570 U	0.230 UJ
	Aroclor 1232	2	2	3	3	2	1	0.112 U	0.0704 U	0.0711 U	0.186 UJ	NA	0.0545 U	0.0717 U	0.0531 U	0.0570 U	0.230 UJ
	Aroclor 1242	2	2	3	3	2	1	0.112 U	0.0704 U	0.0711 U	0.186 UJ	NA	0.0545 U	0.0717 U	0.0531 U	0.0570 U	0.230 UJ
	Aroclor 1248	2	2	3	3	2	1	0.112 U	0.0704 U	0.0711 U	0.186 UJ	NA	0.0545 U	0.0717 U	0.0531 U	0.0570 U	0.230 UJ
	Aroclor 1254	2	2	3	3	2	1	**2.50 J**	**0.174 J**	**0.323 J**	0.186 UJ	NA	0.0545 U	**0.604 J**	0.0531 U	**0.479 J**	0.230 UJ
	Aroclor 1260	2	2	3	3	2	1	**1.72 J**	0.0704 UJ	**0.181 J**	0.186 UJ	NA	0.0545 U	**0.258 J**	0.0531 U	**1.33 J**	0.230 UJ
	Total PCBs	2	2	3	3	2	1	**4.22 J**	**0.174 J**	**0.504 J**	0.186 UJ	NA	0.0545 U	**0.862 J**	0.0531 U	**1.809 J**	0.230 UJ
PCB Homologs																	
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.014 U	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.014 U	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**0.025**	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.029 U	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**0.028 J**	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**0.039**	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**0.081**	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.043 U	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.072 U	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.072 U	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	**0.17**	NA
Metals																	
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	**0.098**	**0.140**	**0.304**	0.016 U	NA	**0.356**	0.011 U	**0.423**	0.089 U
	Antimony	20	20	30	30	20	N/A	NA	5.75 U	4.93 U	15.1 U	4.75 U	NA	5.69 U	4.37 U	4.80 U	16.0 U
	Arsenic	20	20	20	20	20	N/A	NA	**10.9**	**10.8**	**14.5**	2.97 U	NA	**59.8**	2.73 U	**34.0**	9.97 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**212**	**147**	**152**	5.94 U	NA	**7,430**	**19.3**	**370**	**39.5**
	Beryllium	100	100	200	200	100	N/A	NA	**0.46**	**0.33**	0.94 U	0.30 U	NA	**0.61**	0.28 U	0.30 U	1.00 U
	Cadmium	2	2	30	30	2	N/A	NA	**1.74**	**0.63**	0.94 U	0.30 U	NA	**4.74**	0.28 U	**8.78**	1.00 U
	Chromium	30	30	200	200	30	N/A	NA	**22.7**	**23.3**	**27.0**	**2.90**	NA	**1,370**	**8.20**	**154**	**13.7**
	Lead	300	300	300	300	300	N/A	NA	**571**	**374**	**207**	**2.75**	NA	**638**	**3.83**	**2,780**	**12.1**
	Nickel	20	20	700	700	20	N/A	NA	**48.1**	**23.1**	**39.3**	**1.96**	NA	**167**	**4.73**	**173**	**9.95**
	Selenium	400	400	800	800	400	N/A	NA	7.19 U	6.16 U	18.8 U	5.94 U	NA	7.12 U	5.46 U	5.99 U	20.0 U
	Silver	100	100	200	200	100	N/A	NA	**6.99**	**11.0**	**8.92**	0.60 U	NA	**31.5**	**1.50**	**29.0**	2.00 U
	Thallium	8	8	60	60	8	N/A	NA	4.32 U	3.70 U	11.3 U	3.56 U	NA	4.27 U	3.28 U	3.60 U	12.0 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	**24.3**	**19.6**	**27.7**	5.94 U	NA	**602**	**9.23**	**18.2**	20.0 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	**2,670**	**385**	**665**	**7.34**	NA	**1,300**	**19.6**	**1670**	**28.7**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	NBHS-2			NBHS-3		NBHS-4				NBHS-5	
							Sample Depth (ft.):	1.5	3.5	5	4	6	2	6	6	8	4	8
							Sample Date:	8/4/2008	8/4/2008	8/4/2008	7/30/2008	7/30/2008	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/30/2008	7/30/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								Field Dup			
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	0.181 U	0.186 U	0.174 U	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**0.349**	0.174 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	0.181 U	0.186 U	0.174 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**0.797**	0.174 U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**1.87**	0.174 U	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**1.64**	0.174 U	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**1.90**	0.174 U	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**1.08**	0.174 U	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**0.634**	0.174 U	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**1.76**	0.174 U	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**0.324**	0.174 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**3.55**	0.174 U	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**0.438**	0.174 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**1.29**	0.174 U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	0.181 U	0.186 U	0.174 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**3.80**	0.174 U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.181 U	**3.48**	0.174 U	NA	NA
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	0.0502 U	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	0.0500 U	0.0599 U
	Aroclor 1221	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	0.0502 U	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	0.0500 U	0.0599 U
	Aroclor 1232	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	0.0502 U	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	0.0500 U	0.0599 U
	Aroclor 1242	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	0.0502 U	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	0.0500 U	0.0599 U
	Aroclor 1248	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	0.0502 U	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	0.0500 U	0.0599 U
	Aroclor 1254	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	**0.147 J**	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	**0.192 J**	0.0599 U
	Aroclor 1260	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	0.0502 U	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	0.0500 U	0.0599 U
	Total PCBs	2	2	3	3	2	1	0.0500 U	0.0501 U	0.0535 U	**0.147 J**	0.0520 U	0.0559 U	0.0513 U	0.0508 U	0.0518 U	**0.192 J**	0.0599 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	**0.022**	**0.027**	**0.645**	0.015 U	0.016 U
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	4.33 U	4.46 U	4.18 U	4.22 U	4.80 U
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	2.71 U	**2.86**	**3.31**	2.64 U	3.00 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	**15.0**	**19.7**	**13.4**	**27.9**	**14.2**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	0.28 U	0.28 U	0.27 U	0.27 U	0.30 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	0.28 U	0.28 U	0.27 U	0.27 U	0.30 U
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	**5.33**	**8.46**	**5.29**	**6.40**	**5.38**
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	**9.74**	**15.7**	**2.86**	**4.05**	**3.46**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	**3.75**	**5.91**	**3.02**	**5.45**	**3.85**
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	5.42 U	5.58 U	5.22 U	5.28 U	5.99 U
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	0.55 U	**0.62**	**0.65**	**1.05**	0.60 U
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	3.25 U	3.35 U	3.13 U	3.17 U	3.60 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	**7.46**	**10.5**	**9.32**	**8.08**	**8.25**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	**19.0**	**25.3**	**16.3**	**13.0**	**11.4**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	NBHS-6		NBHS-7		NBHS-8		NBHS-SS-1	NBHS-SS-2	NBHS-SS-3	NBHS-SS-4	NBHS-SS-5	NBHS-SS-6
							Sample Depth (ft.):	3	6	3	7	2.5	6	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
							Sample Date:	7/28/2008	7/28/2008	7/29/2008	7/29/2008	7/28/2008	7/28/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.177 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U	0.0538 U	0.0524 U
	Aroclor 1221	2	2	3	3	2	1	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U	0.0538 U	0.0524 U
	Aroclor 1232	2	2	3	3	2	1	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U	0.0538 U	0.0524 U
	Aroclor 1242	2	2	3	3	2	1	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U	0.0538 U	0.0524 U
	Aroclor 1248	2	2	3	3	2	1	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U	0.0538 U	0.0524 U
	Aroclor 1254	2	2	3	3	2	1	**1.13 J**	0.0553 U	**0.183 J**	0.0532 U	0.0510 U	**0.0687 J**	0.0567 U	**0.260 J**	**0.316 J**	0.0554 U	**0.0956 J**	0.0524 U
	Aroclor 1260	2	2	3	3	2	1	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U	0.0538 U	0.0524 U
	Total PCBs	2	2	3	3	2	1	**1.13 J**	0.0553 U	**0.183 J**	0.0532 U	0.0510 U	**0.0687 J**	0.0567 U	**0.260 J**	**0.316 J**	0.0554 U	**0.0956 J**	0.0524 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.013 U	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.013 U	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.013 U	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.026 U	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**0.081**	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.026 U	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.039 U	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.039 U	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.065 U	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.065 U	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	**0.081**	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.183**	0.022 U	**0.018**	0.017 U	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	4.28 U	4.55 U	4.24 U	4.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**4.17**	2.85 U	2.65 U	2.82 U	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**308**	**9.10**	**31.7**	5.63 U	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	0.27 U	0.29 U	0.27 U	0.29 U	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.90**	0.29 U	0.27 U	0.29 U	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**31.0**	**4.53**	**7.39**	**2.26**	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**322**	**2.99**	**13.7**	**2.03**	NA	NA	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	**9.14**	**2.33**	**5.35**	**1.49**	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	5.35 U	5.69 U	5.30 U	5.63 U	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	**1.59**	0.57 U	**0.70**	0.57 U	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	3.21 U	3.41 U	3.18 U	3.38 U	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**17.6**	5.69 U	**9.48**	5.63 U	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**315**	**11.2**	**24.0**	**10.4**	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte							NBHS-SS-7	NBHS-SS-8		NBHS-SS-9	NBHS-SS-10	SS-11		SS-12		SS-13	
							Sample Depth (ft.):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0.5	2	0.5	2	0.5	1.5
							Sample Date:	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup								
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	0.180 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.197**
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.329**
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**1.21**
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.173 U	**0.308**	0.180 U	0.177 U	0.202 U	**3.40**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	0.173 U	**0.299**	0.180 U	0.177 U	0.202 U	**2.16**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.173 U	**0.292**	0.180 U	0.177 U	0.202 U	**2.41**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.173 U	**0.257**	0.180 U	0.177 U	0.202 U	**1.20**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**1.73**
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	0.173 U	**0.313**	0.180 U	0.177 U	0.202 U	**2.55**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.240**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.173 U	**0.627**	**0.309**	0.177 U	**0.218**	**6.71**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.442**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.173 U	**0.255**	0.180 U	0.177 U	0.202 U	**1.57**
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	0.180 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	0.173 U	**0.673**	**0.193**	0.177 U	0.202 U	**5.85**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.173 U	**0.725**	**0.330**	0.177 U	0.202 U	**5.53**
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0567 U	0.0523 U	0.0530 U	0.0508 U	0.0544 U	0.0500 U	0.0513 U	0.0515 U	0.0511 U	0.0579 U	0.0517 U
	Aroclor 1221	2	2	3	3	2	1	0.0567 U	0.0523 U	0.0530 U	0.0508 U	0.0544 U	0.0500 U	0.0513 U	0.0515 U	0.0511 U	0.0579 U	0.0517 U
	Aroclor 1232	2	2	3	3	2	1	0.0567 U	0.0523 U	0.0530 U	0.0508 U	0.0544 U	0.0500 U	0.0513 U	0.0515 U	0.0511 U	0.0579 U	0.0517 U
	Aroclor 1242	2	2	3	3	2	1	0.0567 U	0.0523 U	0.0530 U	0.0508 U	0.0544 U	0.0500 U	0.0513 U	0.0515 U	0.0511 U	0.0579 U	0.0517 U
	Aroclor 1248	2	2	3	3	2	1	0.0567 U	0.0523 U	0.0530 U	0.0508 U	0.0544 U	0.0500 U	0.0513 U	0.0515 U	0.0511 U	0.0579 U	0.0517 U
	Aroclor 1254	2	2	3	3	2	1	**0.102 J**	0.0523 U	0.0530 U	0.0508 U	**0.192 J**	0.0500 U	**0.497 J**	**0.491 J**	0.0511 U	**0.0978 J**	**1.15 J**
	Aroclor 1260	2	2	3	3	2	1	0.0567 U	0.0523 U	0.0530 U	0.0508 U	0.0544 U	0.0500 U	**0.101 J**	**0.188 J**	0.0511 U	**0.0629 J**	**0.795 J**
	Total PCBs	2	2	3	3	2	1	**0.102 J**	0.0523 U	0.0530 U	0.0508 U	**0.192 J**	0.0500 U	**0.598 J**	**0.679 J**	0.0511 U	**0.1607 J**	**1.945 J**
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	0.015 U	**0.087**	**0.031**	0.019 U	**0.061**	**0.368**
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	4.15 U	4.37 U	4.30 U	4.24 U	4.85 U	4.31 U
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	2.59 U	**2.87**	2.69 U	2.65 U	3.03 U	**3.87**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	5.18 U	**84.3**	**9.17**	**11.9**	**19.5**	**77.6**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	0.26 U	0.28 U	0.27 U	0.27 U	0.31 U	0.27 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	0.26 U	**0.43**	0.27 U	0.27 U	0.31 U	**0.74**
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	**2.02**	**9.51**	**2.58**	**1.92**	**5.74**	**13.0**
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	**1.86**	**137**	**42.9**	**4.03**	**43.2**	**338**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	**1.52**	**5.15**	**1.53**	**2.07**	**3.04**	**8.23**
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	5.18 U	5.46 U	5.38 U	5.30 U	6.06 U	5.39 U
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	0.52 U	**0.85**	0.54 U	0.53 U	**0.86**	**1.16**
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	3.11 U	3.28 U	3.23 U	3.18 U	3.64 U	3.23 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	5.18 U	**7.30**	5.38 U	5.30 U	**10.3**	**14.9**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	**4.57**	**67.9**	**19.7**	**14.2**	**38.4**	**129**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SS-14		SS-15		SS-16			SS-17		SS-18	
							Sample Depth (ft.):	0.5	2	0.5	2	0.5	1	2	0.5	1.5	0.5	2
							Sample Date:	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008	8/6/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA											
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	0.182 U	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	**0.200**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Acenaphthylene	600	10	600	10	1	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	0.182 U	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	**0.845**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.205 U	**0.210**	0.180 U	0.177 U	0.179 U	**2.30**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.205 U	**0.217**	0.180 U	0.177 U	0.179 U	**1.99**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.205 U	**0.186**	0.180 U	0.177 U	0.179 U	**2.11**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.205 U	**0.200**	0.180 U	0.177 U	0.179 U	**1.06**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	**0.978**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Chrysene	70	70	400	400	70	N/A	0.205 U	**0.212**	0.180 U	0.177 U	0.179 U	**2.12**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	**0.303**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.205 U	**0.431**	0.180 U	0.177 U	0.179 U	**3.96**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	**0.412**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.205 U	**0.181**	0.180 U	0.177 U	0.179 U	**1.24**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Naphthalene	40	500	40	1,000	4	N/A	0.205 U	0.178 U	0.180 U	0.177 U	0.179 U	0.182 U	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.205 U	**0.280**	0.180 U	0.177 U	0.179 U	**3.25**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.205 U	**0.428**	0.180 U	0.177 U	0.179 U	**3.41**	0.172 U	0.180 U	0.174 U	0.178 U	0.171 U
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0575 U	0.0522 U	0.0528 U	0.0520 U	0.0526 U	0.107 U	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Aroclor 1221	2	2	3	3	2	1	0.0575 U	0.0522 U	0.0528 U	0.0520 U	0.0526 U	0.107 U	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Aroclor 1232	2	2	3	3	2	1	0.0575 U	0.0522 U	0.0528 U	0.0520 U	0.0526 U	0.107 U	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Aroclor 1242	2	2	3	3	2	1	0.0575 U	0.0522 U	0.0528 U	0.0520 U	0.0526 U	0.107 U	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Aroclor 1248	2	2	3	3	2	1	0.0575 U	0.0522 U	0.0528 U	0.0520 U	0.0526 U	0.107 U	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Aroclor 1254	2	2	3	3	2	1	0.0575 U	**0.945 J**	0.0528 U	**0.0873 J**	0.0526 U	**3.43 J**	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Aroclor 1260	2	2	3	3	2	1	0.0575 U	0.0522 U	0.0528 U	0.0520 U	0.0526 U	0.107 U	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
	Total PCBs	2	2	3	3	2	1	0.0575 U	**0.945 J**	0.0528 U	**0.0873 J**	0.0526 U	**3.43 J**	0.0500 U	0.0518 U	0.0507 U	0.0502 U	0.0500 U
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.013 U	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.013 U	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.013 U	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	**0.32**	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	**2.1**	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	**1.0**	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	**0.036 J**	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.040 U	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.067 U	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.067 U	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	**3.5**	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.050**	**0.127**	0.013 U	**0.181**	0.015 U	**0.313**	0.020 U	0.015 U	0.021 U	0.024 U	0.017 U
	Antimony	20	20	30	30	20	N/A	4.92 U	4.26 U	4.30 U	4.25 U	4.28 U	4.35 U	4.13 U	4.31 U	4.18 U	4.27 U	4.09 U
	Arsenic	20	20	20	20	20	N/A	**4.46**	2.66 U	**4.36**	2.66 U	**4.75**	**5.70**	2.58 U	**4.87**	2.61 U	**4.61**	2.56 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**88.2**	**53.0**	**167**	**15.9**	**209**	**130**	**7.08**	**202**	**11.3**	**181**	**6.92**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U	0.26 U	0.27 U	0.27 U	0.27 U	0.26 U
	Cadmium	2	2	30	30	2	N/A	**1.09**	**0.36**	**0.29**	0.27 U	0.27 U	**1.68**	0.26 U	0.27 U	0.27 U	0.27 U	0.26 U
	Chromium	30	30	200	200	30	N/A	**15.6**	**5.27**	**54.6**	**2.34**	**58.6**	**15.4**	**2.09**	**54.9**	**2.85**	**59.0**	**1.94**
	Lead	300	300	300	300	300	N/A	**363**	**58.8**	**0.97**	**13.7**	0.81 U	**342**	**4.07**	0.81 U	**2.78**	**0.87**	**2.31**
	Nickel	20	20	700	700	20	N/A	**10.0**	**3.98**	**33.6**	**2.25**	**29.1**	**10.0**	**1.87**	**23.3**	**2.12**	**25.1**	**2.42**
	Selenium	400	400	800	800	400	N/A	6.15 U	5.32 U	5.38 U	5.31 U	5.35 U	5.44 U	5.16 U	5.38 U	5.22 U	5.34 U	5.12 U
	Silver	100	100	200	200	100	N/A	**1.31**	**0.86**	**5.35**	**0.54**	**3.05**	**1.36**	0.52 U	**2.07**	0.53 U	**1.11**	**0.98**
	Thallium	8	8	60	60	8	N/A	3.69 U	3.20 U	3.23 U	3.19 U	3.21 U	3.27 U	3.10 U	3.23 U	3.14 U	3.21 U	3.07 U
	Vanadium	600	600	1,000	1,000	600	N/A	**18.7**	**5.70**	**39.1**	5.31 U	**49.2**	**14.1**	5.16 U	**48.0**	5.22 U	**47.2**	5.12 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**151**	**64.0**	**24.0**	**14.9**	**30.0**	**190**	**6.75**	**30.4**	**8.27**	**30.5**	**7.51**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SS-19			SS-20				SS-21		SS-22	
							Sample Depth (ft.):	0.5	1	2	0.5	1	1	2	0.5	2	0.5	1.5
							Sample Date:	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA						Field Dup					
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.176 U	0.933 U	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**0.392**	0.191 U	0.181 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.176 U	0.933 U	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**1.93**	0.191 U	0.181 U
	Acenaphthylene	600	10	600	10	1	N/A	0.176 U	0.933 U	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	0.181 U	0.191 U	0.181 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.176 U	**0.964**	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**3.19**	0.191 U	**0.182**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.176 U	**2.15**	0.170 U	0.178 U	**0.473**	**0.228**	0.173 U	**0.398**	**4.16**	0.191 U	**0.789**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.176 U	**1.89**	0.170 U	0.178 U	**0.458**	**0.207**	0.173 U	**0.381**	**3.93**	0.191 U	**0.749**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.176 U	**2.24**	0.170 U	0.178 U	**0.553**	**0.245**	0.173 U	**0.453**	**4.01**	0.191 U	**0.843**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.176 U	**1.43**	0.170 U	0.178 U	**0.394**	0.183 U	0.173 U	**0.303**	**3.13**	0.191 U	**0.508**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.176 U	0.933 U	0.170 U	0.178 U	**0.202**	0.183 U	0.173 U	0.201 U	**1.66**	0.191 U	**0.325**
	Chrysene	70	70	400	400	70	N/A	0.176 U	**2.13**	0.170 U	0.178 U	**0.460**	**0.185**	0.173 U	**0.404**	**4.05**	0.191 U	**0.795**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.176 U	0.933 U	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**0.722**	0.191 U	0.181 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.176 U	**5.06**	0.170 U	0.178 U	**0.984**	**0.521**	0.173 U	**0.826**	**10.3**	0.191 U	**1.31**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.176 U	0.933 U	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**1.37**	0.191 U	0.181 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.176 U	**1.51**	0.170 U	0.178 U	**0.425**	0.183 U	0.173 U	**0.334**	**3.41**	0.191 U	**0.585**
	Naphthalene	40	500	40	1,000	4	N/A	0.176 U	0.933 U	0.170 U	0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**0.658**	0.191 U	0.181 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.176 U	**4.42**	0.170 U	0.178 U	**0.541**	**0.283**	0.173 U	**0.610**	**11.2**	0.191 U	**0.853**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.176 U	**4.48**	0.170 U	0.178 U	**1.03**	**0.470**	0.173 U	**0.897**	**11.2**	**0.209**	**1.43**
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0512 U	0.166 U	0.0500 U	0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	0.0511 U
	Aroclor 1221	2	2	3	3	2	1	0.0512 U	0.166 U	0.0500 U	0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	0.0511 U
	Aroclor 1232	2	2	3	3	2	1	0.0512 U	0.166 U	0.0500 U	0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	0.0511 U
	Aroclor 1242	2	2	3	3	2	1	0.0512 U	0.166 U	0.0500 U	0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	0.0511 U
	Aroclor 1248	2	2	3	3	2	1	0.0512 U	0.166 U	0.0500 U	0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	0.0511 U
	Aroclor 1254	2	2	3	3	2	1	0.0512 U	**4.93 J**	0.0500 U	0.0519 U	**0.307 J**	**0.500 J**	0.0502 U	**0.486 J**	**0.269 J**	0.0543 U	**0.654 J**
	Aroclor 1260	2	2	3	3	2	1	0.0512 U	0.166 U	0.0500 U	0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	**0.142 J**
	Total PCBs	2	2	3	3	2	1	0.0512 U	**4.93 J**	0.0500 U	0.0519 U	**0.307 J**	**0.500 J**	0.0502 U	**0.486 J**	**0.269 J**	0.0543 U	**0.796 J**
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	0.020 U	**0.616**	**0.017**	0.026 U	**0.081**	**0.086**	0.019 U	**0.117**	**0.021**	**0.050**	**0.263**
	Antimony	20	20	30	30	20	N/A	4.23 U	4.48 U	4.08 U	4.27 U	4.44 U	4.40 U	4.14 U	4.81 U	4.34 U	4.58 U	4.33 U
	Arsenic	20	20	20	20	20	N/A	**4.23**	**8.07**	2.55 U	**4.65**	**3.13**	**3.36**	2.59 U	**4.51**	2.72 U	**3.80**	**4.12**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**204**	**437**	**11.2**	**244**	**44.1**	**56.2**	**9.38**	**56.4**	**14.9**	**36.4**	**174**
	Beryllium	100	100	200	200	100	N/A	0.27 U	0.28 U	**0.47**	0.27 U	0.28 U	0.28 U	0.26 U	0.31 U	0.28 U	0.29 U	0.28 U
	Cadmium	2	2	30	30	2	N/A	0.27 U	**5.29**	0.26 U	0.27 U	**0.53**	**2.74**	0.26 U	**0.89**	0.28 U	0.29 U	**1.74**
	Chromium	30	30	200	200	30	N/A	**68.1**	**30.2**	**2.24**	**66.7**	**10.6**	**14.1**	**2.15**	**17.6**	**3.09**	**14.7**	**11.8**
	Lead	300	300	300	300	300	N/A	**4.02**	**671**	**4.41**	**1.75**	**77.7**	**79.6**	**2.82**	**115**	**19.1**	**36.1**	**355**
	Nickel	20	20	700	700	20	N/A	**30.9**	**21.4**	**2.70**	**29.5**	**6.58**	**8.95**	**2.41**	**9.71**	**3.39**	**8.27**	**9.98**
	Selenium	400	400	800	800	400	N/A	5.28 U	5.60 U	5.10 U	5.34 U	5.55 U	5.49 U	5.17 U	6.01 U	5.43 U	5.73 U	5.42 U
	Silver	100	100	200	200	100	N/A	**4.93**	**5.89**	**1.38**	**5.31**	**2.44**	**3.01**	**1.07**	**4.36**	**1.31**	**2.78**	**3.11**
	Thallium	8	8	60	60	8	N/A	3.17 U	3.36 U	3.06 U	3.21 U	3.33 U	3.30 U	3.10 U	3.61 U	3.26 U	3.44 U	3.25 U
	Vanadium	600	600	1,000	1,000	600	N/A	**50.3**	**24.6**	5.10 U	**59.3**	**14.6**	**16.1**	5.17 U	**19.6**	5.43 U	**19.9**	**11.6**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**49.6**	**562**	**9.06**	**39.4**	**48.1**	**80.3**	**8.34**	**84.4**	**23.4**	**33.2**	**174**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte							SS-23		SS-24		SS-25		SS-26			SS-27	
							Sample ID:	SS-23		SS-24		SS-25		SS-26			SS-27	
							Sample Depth (ft.):	0.5	2	0.5	1.5	0.5	1.5	0.5	1.5	2	0.5	2
							Sample Date:	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA											
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**0.487**	0.176 U	0.188 U	0.196 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**0.652**	0.176 U	0.188 U	0.196 U
	Acenaphthylene	600	10	600	10	1	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**0.271**	0.176 U	0.188 U	0.196 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**2.23**	0.176 U	0.188 U	0.196 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	**0.216**	0.204 U	**3.86**	0.176 U	0.188 U	**0.273**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	**0.214**	0.204 U	**3.09**	0.176 U	0.188 U	**0.254**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**3.10**	0.176 U	0.188 U	**0.298**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**2.49**	0.176 U	0.188 U	0.196 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**1.26**	0.176 U	0.188 U	0.196 U
	Chrysene	70	70	400	400	70	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	**0.237**	0.204 U	**3.53**	0.176 U	0.188 U	**0.291**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**0.675**	0.176 U	0.188 U	0.196 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.176 U	**0.266**	0.184 U	0.200 U	**0.353**	0.204 U	**8.39**	0.176 U	0.188 U	**0.549**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**1.07**	0.176 U	0.188 U	0.196 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**2.83**	0.176 U	0.188 U	**0.243**
	Naphthalene	40	500	40	1,000	4	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**0.584**	0.176 U	0.188 U	0.196 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.196 U	0.176 U	0.198 U	0.184 U	0.200 U	0.189 U	0.204 U	**8.55**	0.176 U	0.188 U	**0.350**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.176 U	**0.278**	0.184 U	0.200 U	**0.412**	0.204 U	**7.93**	0.176 U	0.188 U	**0.521**
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	0.0561 U	0.0567 U	0.0551 U	0.0519 U	0.0564 U	0.0578 U
	Aroclor 1221	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	0.0561 U	0.0567 U	0.0551 U	0.0519 U	0.0564 U	0.0578 U
	Aroclor 1232	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	0.0561 U	0.0567 U	0.0551 U	0.0519 U	0.0564 U	0.0578 U
	Aroclor 1242	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	0.0561 U	0.0567 U	0.0551 U	0.0519 U	0.0564 U	0.0578 U
	Aroclor 1248	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	0.0561 U	0.0567 U	0.0551 U	0.0519 U	0.0564 U	0.0578 U
	Aroclor 1254	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	**0.208 J**	0.0567 U	**1.31 J**	0.0519 U	**0.0882 J**	**0.462 J**
	Aroclor 1260	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	**0.0772 J**	0.0567 U	**0.343 J**	0.0519 U	0.0564 U	**0.175 J**
	Total PCBs	2	2	3	3	2	1	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0592 U	**0.2852 J**	0.0567 U	**1.653 J**	0.0519 U	**0.0882 J**	**0.637 J**
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.014 U	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.014 U	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.014 U	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.027 U	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	**0.034**	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.027 U	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.041 U	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.041 U	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.068 U	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	0.068 U	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	**0.034**	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.044**	0.020 U	**0.056**	0.022 U	**0.046**	**0.165**	**0.057**	**1.02**	**0.027**	**0.052**	**0.147**
	Antimony	20	20	30	30	20	N/A	4.69 U	4.23 U	4.73 U	4.42 U	4.79 U	4.54 U	4.88 U	4.62 U	4.22 U	4.50 U	4.69 U
	Arsenic	20	20	20	20	20	N/A	**3.55**	2.64 U	**3.19**	2.76 U	**3.42**	**3.96**	**3.23**	**7.53**	2.64 U	2.82 U	**3.46**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**39.2**	**9.27**	**22.2**	**14.4**	**26.8**	**63.2**	**29.1**	**157**	**14.2**	**19.3**	**151**
	Beryllium	100	100	200	200	100	N/A	0.30 U	0.27 U	0.30 U	0.28 U	0.30 U	0.29 U	0.31 U	**0.29**	0.27 U	0.29 U	0.30 U
	Cadmium	2	2	30	30	2	N/A	0.30 U	0.27 U	0.30 U	0.28 U	0.30 U	**0.69**	0.31 U	**2.43**	0.27 U	**0.42**	**0.73**
	Chromium	30	30	200	200	30	N/A	**16.7**	**2.11**	**8.84**	**2.41**	**15.7**	**10.5**	**16.9**	**13.5**	**2.24**	**6.33**	**7.85**
	Lead	300	300	300	300	300	N/A	**21.9**	**3.50**	**31.5**	**9.45**	**24.3**	**141**	**21.4**	**537**	**10.4**	**40.3**	**284**
	Nickel	20	20	700	700	20	N/A	**9.02**	**2.57**	**6.17**	**2.79**	**7.33**	**5.30**	**7.64**	**25.7**	**2.65**	**4.76**	**6.56**
	Selenium	400	400	800	800	400	N/A	5.87 U	5.28 U	5.92 U	5.52 U	5.99 U	5.67 U	6.10 U	5.78 U	5.27 U	5.63 U	5.86 U
	Silver	100	100	200	200	100	N/A	**2.56**	**1.04**	**1.91**	**1.17**	**1.12**	**0.79**	**1.04**	**2.66**	**1.20**	**1.29**	**0.98**
	Thallium	8	8	60	60	8	N/A	3.52 U	3.17 U	3.55 U	3.32 U	3.59 U	3.40 U	3.66 U	3.47 U	3.17 U	3.38 U	3.52 U
	Vanadium	600	600	1,000	1,000	600	N/A	**20.3**	5.28 U	**14.3**	5.52 U	**17.0**	**11.2**	**17.1**	**10.7**	5.27 U	**10.1**	**8.33**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**25.1**	**7.90**	**21.8**	**17.1**	**24.3**	**140**	**22.7**	**279**	**28.1**	**79.7**	**244**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SS-28			SS-29		SS-30		SS-31		SS-32	
							Sample Depth (ft.):	0.5	1.5	1.5	0.5	2	0.5	1.5	0.5	2	0.5	1.5
							Sample Date:	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup			(b)					
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U	0.188 U	0.175 U	0.195 U	0.212 U	0.203 U	0.195 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U	0.188 U	0.175 U	0.195 U	0.212 U	0.203 U	0.195 U
	Acenaphthylene	600	10	600	10	1	N/A	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U	0.188 U	0.175 U	0.195 U	0.212 U	0.203 U	0.195 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	0.189 U	**0.214**	0.200 U	0.208 U	0.188 U	**0.663**	0.195 U	0.212 U	0.203 U	**0.570**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.394**	**0.626**	**0.721**	0.200 U	0.208 U	0.188 U	**0.965**	0.195 U	0.212 U	0.203 U	**1.44**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.372**	**0.599**	**0.657**	0.200 U	0.208 U	0.188 U	**0.758**	0.195 U	0.212 U	0.203 U	**1.27**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.203 U	**0.639**	**0.724**	0.200 U	0.208 U	0.188 U	**0.751**	0.195 U	0.212 U	0.203 U	**1.47**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**0.352**	**0.461**	**0.463**	0.200 U	0.208 U	0.188 U	**0.454**	0.195 U	0.212 U	0.203 U	**1.11**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.203 U	**0.224**	**0.265**	0.200 U	0.208 U	0.188 U	**0.372**	0.195 U	0.212 U	0.203 U	**0.542**
	Chrysene	70	70	400	400	70	N/A	**0.378**	**0.635**	**0.734**	0.200 U	0.208 U	0.188 U	**0.875**	0.195 U	0.212 U	0.203 U	**1.42**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U	0.188 U	0.175 U	0.195 U	0.212 U	0.203 U	**0.312**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.670**	**1.11**	**1.43**	0.200 U	0.208 U	0.188 U	**2.59**	0.195 U	0.212 U	0.203 U	**3.72**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U	0.188 U	**0.286**	0.195 U	0.212 U	0.203 U	**0.229**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.382**	**0.541**	**0.540**	0.200 U	0.208 U	0.188 U	**0.559**	0.195 U	0.212 U	0.203 U	**1.21**
	Naphthalene	40	500	40	1,000	4	N/A	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U	0.188 U	0.175 U	0.195 U	0.212 U	0.203 U	**0.218**
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.640**	**0.781**	**1.01**	0.200 U	0.208 U	0.188 U	**3.01**	0.195 U	0.212 U	0.203 U	**2.45**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.729**	**1.09**	**1.28**	0.200 U	0.208 U	0.188 U	**1.91**	0.195 U	0.212 U	0.203 U	**2.80**
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.110 U	0.0537 U	0.0582 U	0.0578 U	0.0636 U	0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0587 U	0.579 U
	Aroclor 1221	2	2	3	3	2	1	0.110 U	0.0537 U	0.0582 U	0.0578 U	0.0636 U	0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0587 U	0.579 U
	Aroclor 1232	2	2	3	3	2	1	0.110 U	0.0537 U	0.0582 U	0.0578 U	0.0636 U	0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0587 U	0.579 U
	Aroclor 1242	2	2	3	3	2	1	0.110 U	0.0537 U	0.0582 U	0.0578 U	0.0636 U	0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0587 U	0.579 U
	Aroclor 1248	2	2	3	3	2	1	0.110 U	0.0537 U	0.0582 U	0.0578 U	0.0636 U	0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0587 U	0.579 U
	Aroclor 1254	2	2	3	3	2	1	**4.19 J**	**2.25 J**	**0.576 J**	0.0578 U	**0.187 J**	0.0566 U	0.0506 U	**0.0664 J**	0.0592 U	**0.103 J**	**18.5 J**
	Aroclor 1260	2	2	3	3	2	1	0.110 U	0.0537 U	0.0582 U	0.0578 U	**0.245 J**	0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0587 U	0.579 U
	Total PCBs	2	2	3	3	2	1	**4.19 J**	**2.25 J**	**0.576 J**	0.0578 U	**0.432 J**	0.0566 U	0.0506 U	**0.0664 J**	0.0592 U	**0.103 J**	**18.5 J**
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.107**	**0.343**	**0.725**	**0.059**	**0.792**	**0.047**	**0.018**	**0.057**	**0.233**	**0.064**	**0.743**
	Antimony	20	20	30	30	20	N/A	4.86 U	4.54 U	4.68 U	4.78 U	4.99 U	4.50 U	4.18 U	4.68 U	5.09 U	4.87 U	4.66 U
	Arsenic	20	20	20	20	20	N/A	3.04 U	**5.14**	**5.76**	2.99 U	**8.34**	2.82 U	2.62 U	**2.99**	**9.18**	**3.66**	**6.46**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**27.2**	**127**	**108**	**17.1**	**296**	**18.2**	**14.9**	**18.6**	**197**	**26.9**	**178**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.29 U	**0.29**	0.30 U	**0.82**	0.29 U	0.27 U	0.30 U	0.32 U	0.31 U	0.30 U
	Cadmium	2	2	30	30	2	N/A	**0.39**	**1.72**	**1.66**	0.30 U	**0.72**	0.29 U	0.27 U	0.30 U	**0.82**	0.31 U	**2.32**
	Chromium	30	30	200	200	30	N/A	**6.99**	**11.5**	**15.8**	**5.19**	**13.0**	**6.54**	**2.76**	**5.66**	**10.5**	**12.5**	**23.0**
	Lead	300	300	300	300	300	N/A	**64.3**	**372**	**402**	**26.9**	**426**	**22.7**	**52.4**	**31.7**	**302**	**28.2**	**805**
	Nickel	20	20	700	700	20	N/A	**4.56**	**8.12**	**9.19**	**3.28**	**12.4**	**4.67**	**3.09**	**6.18**	**12.7**	**7.00**	**16.3**
	Selenium	400	400	800	800	400	N/A	6.07 U	5.67 U	5.85 U	5.98 U	6.23 U	5.63 U	5.23 U	5.85 U	6.36 U	6.09 U	5.83 U
	Silver	100	100	200	200	100	N/A	**0.89**	**1.47**	**1.69**	**0.68**	**1.19**	**2.01**	**1.26**	**1.89**	**3.47**	**2.48**	**3.79**
	Thallium	8	8	60	60	8	N/A	3.65 U	3.41 U	3.51 U	3.59 U	3.74 U	3.38 U	3.14 U	3.51 U	3.82 U	3.65 U	3.50 U
	Vanadium	600	600	1,000	1,000	600	N/A	**11.1**	**10.4**	**12.6**	**9.87**	**23.4**	**12.3**	**5.34**	**11.9**	**25.9**	**18.1**	**17.9**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**41.1**	**185**	**190**	**21.7**	**218**	**21.0**	**28.6**	**26.9**	**93.6**	**27.3**	**271**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SS-33		SS-34		SS-35		SS-36		SS-37		
							Sample Depth (ft.):	0.5	2	0.5	2	0.5	1.5	0.5	2	0.5	2	2
							Sample Date:	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/8/2008	8/8/2008	8/8/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA											Field Dup
PAHs																		
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.198 U	**0.209**	0.192 U	0.186 U	0.188 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.198 U	**0.643**	0.192 U	**0.424**	0.188 U
	Acenaphthylene	600	10	600	10	1	N/A	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.198 U	**0.189**	0.192 U	**0.870**	0.188 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	**0.350**	0.195 U	0.177 U	0.197 U	**0.420**	0.198 U	**1.35**	0.192 U	**4.23**	**0.228**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.203 U	**0.704**	0.195 U	0.177 U	0.197 U	**0.764**	0.198 U	**3.60**	0.192 U	**6.12**	**0.493**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.203 U	**0.662**	0.195 U	0.177 U	0.197 U	**0.647**	0.198 U	**3.07**	0.192 U	**6.76**	**0.421**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.203 U	**0.711**	0.195 U	0.177 U	0.197 U	**0.653**	0.198 U	**4.09**	0.192 U	**7.26**	**0.481**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	**0.436**	0.195 U	0.177 U	0.197 U	**0.328**	0.198 U	**1.58**	0.192 U	**3.92**	**0.317**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.203 U	**0.281**	0.195 U	0.177 U	0.197 U	**0.276**	0.198 U	**1.02**	0.192 U	**2.33**	0.188 U
	Chrysene	70	70	400	400	70	N/A	0.203 U	**0.686**	0.195 U	0.177 U	0.197 U	**0.723**	0.198 U	**3.81**	0.192 U	**5.45**	**0.493**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.198 U	**0.403**	0.192 U	**1.01**	0.188 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	**1.53**	0.195 U	0.177 U	0.197 U	**1.68**	0.198 U	**6.38**	0.192 U	**17.1**	**0.965**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.198 U	**0.704**	0.192 U	**1.49**	0.188 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.203 U	**0.473**	0.195 U	0.177 U	0.197 U	**0.405**	0.198 U	**1.73**	0.192 U	**5.32**	**0.321**
	Naphthalene	40	500	40	1,000	4	N/A	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.198 U	**0.431**	0.192 U	**0.258**	0.188 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.203 U	**1.27**	0.195 U	0.177 U	0.197 U	**1.74**	0.198 U	**5.81**	0.192 U	**18.2**	**0.884**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	**1.33**	0.195 U	0.177 U	0.197 U	**1.46**	0.198 U	**5.42**	0.192 U	**13.8**	**0.856**
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0576 U	0.0527 U	0.0593 U	0.0525 U	0.0568 U	0.0527 U	0.0583 U	0.0564 U	0.0551 U	0.0541 U	0.0546 U
	Aroclor 1221	2	2	3	3	2	1	0.0576 U	0.0527 U	0.0593 U	0.0525 U	0.0568 U	0.0527 U	0.0583 U	0.0564 U	0.0551 U	0.0541 U	0.0546 U
	Aroclor 1232	2	2	3	3	2	1	0.0576 U	0.0527 U	0.0593 U	0.0525 U	0.0568 U	0.0527 U	0.0583 U	0.0564 U	0.0551 U	0.0541 U	0.0546 U
	Aroclor 1242	2	2	3	3	2	1	0.0576 U	0.0527 U	0.0593 U	0.0525 U	0.0568 U	0.0527 U	0.0583 U	0.0564 U	0.0551 U	0.0541 U	0.0546 U
	Aroclor 1248	2	2	3	3	2	1	0.0576 U	0.0527 U	0.0593 U	0.0525 U	0.0568 U	0.0527 U	0.0583 U	0.0564 U	0.0551 U	0.0541 U	0.0546 U
	Aroclor 1254	2	2	3	3	2	1	**0.103 J**	**0.408 J**	**0.160 J**	0.0525 U	**0.161 J**	**0.472 J**	0.0583 U	0.0564 U	0.0551 U	**0.144 J**	**0.160 J**
	Aroclor 1260	2	2	3	3	2	1	0.0576 U	**0.130 J**	0.0593 U	0.0525 U	0.0568 U	**0.213 J**	0.0583 U	0.0564 U	0.0551 U	0.0541 U	0.0546 U
	Total PCBs	2	2	3	3	2	1	**0.103 J**	**0.538 J**	**0.160 J**	0.0525 U	**0.161 J**	**0.685 J**	0.0583 U	0.0564 U	0.0551 U	**0.144 J**	**0.160 J**
PCB Homologs																		
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.084**	**0.315**	**0.084**	0.022 U	**0.063**	**0.162**	**0.050**	**0.258**	**0.039**	**0.171**	**0.270**
	Antimony	20	20	30	30	20	N/A	4.87 U	4.40 U	4.66 U	4.25 U	4.73 U	4.42 U	4.74 U	4.54 U	4.61 U	4.45 U	4.49 U
	Arsenic	20	20	20	20	20	N/A	3.04 U	2.75 U	**3.09**	2.66 U	2.96 U	**5.15**	**6.97**	**23.1**	**4.09**	**5.48**	**4.10**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**22.2**	**63.4**	**26.2**	**15.9**	**20.3**	**37.8**	**15.3**	**219**	**13.0**	**105**	**83.7**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.28 U	0.30 U	0.27 U	0.30 U	0.28 U	0.30 U	0.29 U	0.29 U	0.28 U	0.29 U
	Cadmium	2	2	30	30	2	N/A	0.31 U	0.28 U	0.30 U	0.27 U	0.30 U	0.28 U	0.30 U	**0.58**	0.29 U	**0.35**	**0.37**
	Chromium	30	30	200	200	30	N/A	**6.02**	**6.69**	**6.53**	**2.32**	**5.02**	**7.74**	**5.76**	**14.2**	**5.68**	**7.35**	**7.01**
	Lead	300	300	300	300	300	N/A	**37.0**	**130**	**90.4**	**4.28**	**37.1**	**109**	**17.3**	**1270**	**14.7**	**302**	**270**
	Nickel	20	20	700	700	20	N/A	**4.71**	**5.77**	**5.39**	**2.67**	**3.76**	**5.45**	**3.71**	**43.9**	**4.00**	**7.03**	**6.43**
	Selenium	400	400	800	800	400	N/A	6.08 U	5.50 U	5.83 U	5.31 U	5.91 U	5.52 U	5.93 U	5.67 U	5.76 U	5.56 U	5.62 U
	Silver	100	100	200	200	100	N/A	**1.86**	**1.70**	**2.44**	**1.15**	**1.70**	**2.12**	**1.74**	**2.30**	**1.69**	**2.21**	**2.55**
	Thallium	8	8	60	60	8	N/A	3.65 U	3.30 U	3.50 U	3.19 U	3.55 U	3.32 U	3.56 U	3.41 U	3.46 U	3.34 U	3.37 U
	Vanadium	600	600	1,000	1,000	600	N/A	**11.8**	**8.77**	**13.0**	5.31 U	**10.9**	**10.1**	**11.3**	**28.0**	**10.1**	**14.2**	**10.2**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**33.9**	**70.3**	**39.9**	**10.6**	**26.8**	**57.0**	**23.2**	**196**	**17.7**	**112**	**113**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SS-38		SS-39		SS-40		SS-41		SS-42	SS-43	SS-44	SS-45
							Sample Depth (ft.):	0.5	1.5	0.5	2	0.5	2	0.5	2	0-0.5	0-0.5	0-0.5	0-0.5
							Sample Date:	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	8/8/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	0.210 U	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	0.210 U	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Acenaphthylene	600	10	600	10	1	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	0.210 U	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	**0.362**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.198 U	**0.258**	0.187 U	0.175 U	0.195 U	**1.15**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.198 U	**0.317**	0.187 U	0.175 U	0.195 U	**1.11**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.198 U	**0.382**	0.187 U	0.175 U	0.195 U	**1.25**	0.188 U	0.175 U	0.199 U	**0.257**	0.201 U	0.207 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.198 U	**0.303**	0.187 U	0.175 U	0.195 U	**0.851**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	**0.494**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Chrysene	70	70	400	400	70	N/A	0.198 U	**0.323**	0.187 U	0.175 U	0.195 U	**1.17**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	**0.217**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.275**	**0.349**	0.187 U	0.175 U	0.195 U	**2.40**	0.188 U	0.175 U	0.199 U	**0.437**	0.201 U	0.207 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	0.210 U	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.198 U	**0.305**	0.187 U	0.175 U	0.195 U	**0.929**	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Naphthalene	40	500	40	1,000	4	N/A	0.198 U	0.197 U	0.187 U	0.175 U	0.195 U	0.210 U	0.188 U	0.175 U	0.199 U	0.199 U	0.201 U	0.207 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.198 U	**0.254**	0.187 U	0.175 U	0.195 U	**1.71**	0.188 U	0.175 U	0.199 U	**0.344**	0.201 U	0.207 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.281**	**0.346**	0.187 U	0.175 U	0.195 U	**2.49**	0.188 U	0.175 U	0.199 U	**0.258**	0.201 U	0.207 U
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0574 U	0.0568 U	0.0541 U	0.0562 U	0.0589 U	0.0613 U	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Aroclor 1221	2	2	3	3	2	1	0.0574 U	0.0568 U	0.0541 U	0.0562 U	0.0589 U	0.0613 U	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Aroclor 1232	2	2	3	3	2	1	0.0574 U	0.0568 U	0.0541 U	0.0562 U	0.0589 U	0.0613 U	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Aroclor 1242	2	2	3	3	2	1	0.0574 U	0.0568 U	0.0541 U	0.0562 U	0.0589 U	0.0613 U	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Aroclor 1248	2	2	3	3	2	1	0.0574 U	0.0568 U	0.0541 U	0.0562 U	0.0589 U	0.0613 U	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Aroclor 1254	2	2	3	3	2	1	**0.611 J**	**0.580 J**	0.0541 U	0.0562 U	0.0589 U	**0.444 J**	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Aroclor 1260	2	2	3	3	2	1	0.0574 U	0.0568 U	0.0541 U	0.0562 U	0.0589 U	**0.174 J**	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
	Total PCBs	2	2	3	3	2	1	**0.611 J**	**0.580 J**	0.0541 U	0.0562 U	0.0589 U	**0.618 J**	0.0539 U	0.0516 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.175**	**0.280**	**0.026**	0.013 U	**0.032**	**0.654**	**0.037**	0.018 U	**0.044**	**0.046**	**0.041**	**0.049**
	Antimony	20	20	30	30	20	N/A	4.76 U	4.72 U	4.47 U	4.19 U	4.68 U	5.04 U	4.50 U	4.18 U	4.76 U	4.77 U	4.81 U	4.97 U
	Arsenic	20	20	20	20	20	N/A	**4.10**	**16.0**	2.80 U	2.62 U	2.93 U	**7.24**	**2.97**	2.62 U	**3.00**	2.98 U	3.01 U	**3.29**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**58.6**	**311**	**9.21**	**5.94**	**13.4**	**410**	**9.05**	**6.93**	**17.5**	**29.1**	**17.7**	**24.9**
	Beryllium	100	100	200	200	100	N/A	0.30 U	**0.79**	0.28 U	0.27 U	0.30 U	**0.43**	0.29 U	0.27 U	0.30 U	0.30 U	0.31 U	0.32 U
	Cadmium	2	2	30	30	2	N/A	**0.47**	**1.05**	0.28 U	0.27 U	0.30 U	**1.53**	0.29 U	0.27 U	0.30 U	0.30 U	0.31 U	0.32 U
	Chromium	30	30	200	200	30	N/A	**6.89**	**12.6**	**5.06**	**2.52**	**5.66**	**15.4**	**5.21**	**3.01**	**5.29**	**7.92**	**4.87**	**7.13**
	Lead	300	300	300	300	300	N/A	**167**	**605**	**8.45**	**2.93**	**13.9**	**819**	**9.69**	**12.1**	**17.5**	**55.2**	**22.2**	**23.4**
	Nickel	20	20	700	700	20	N/A	**3.95**	**11.2**	**3.32**	**2.23**	**3.01**	**10.7**	**2.93**	**2.45**	**2.64**	**4.20**	**2.28**	**3.39**
	Selenium	400	400	800	800	400	N/A	5.94 U	5.89 U	5.59 U	5.24 U	5.85 U	6.29 U	5.62 U	5.23 U	5.95 U	5.96 U	6.01 U	6.21 U
	Silver	100	100	200	200	100	N/A	**0.81**	**1.00**	**0.85**	0.53 U	**0.82**	**1.05**	**1.04**	**0.52**	0.60 U	0.60 U	0.61 U	0.63 U
	Thallium	8	8	60	60	8	N/A	3.57 U	3.54 U	3.35 U	3.15 U	3.51 U	3.78 U	3.38 U	3.14 U	3.57 U	3.58 U	3.61 U	3.73 U
	Vanadium	600	600	1,000	1,000	600	N/A	**10.9**	**18.6**	**9.18**	5.24 U	**9.43**	**20.9**	**7.92**	5.23 U	**11.7**	**12.7**	**10.6**	**13.5**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**101**	**269**	**10.4**	**8.18**	**16.4**	**506**	**11.3**	**11.9**	**27.7**	**54.9**	**36.9**	**30.4**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Sample ID:	SS-46	SS-47	SS-48	SS-49	SS-50	SS-51	SS-52	SS-53	SS-54	SS-55	SS-56	SS-57
							Sample Depth (ft.):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
							Sample Date:	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.206 U	0.210 U	0.208 U	0.211 U	0.210 U	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.257**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Acenaphthylene	600	10	600	10	1	N/A	0.206 U	0.210 U	0.208 U	0.211 U	0.210 U	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.900**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**2.03**	0.210 U	0.208 U	**0.228**	0.211 U	0.208 U	0.213 U	0.214 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**1.65**	0.210 U	0.208 U	**0.216**	0.211 U	0.208 U	0.213 U	0.214 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**2.05**	0.210 U	0.208 U	**0.269**	0.211 U	0.208 U	0.213 U	0.214 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.905**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.872**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Chrysene	70	70	400	400	70	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**1.80**	0.210 U	0.208 U	**0.207**	0.211 U	0.208 U	0.213 U	0.214 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.221**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.206 U	**0.345**	0.208 U	0.211 U	**4.32**	0.210 U	0.208 U	**0.732**	0.211 U	0.208 U	0.213 U	0.214 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.380**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**0.973**	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Naphthalene	40	500	40	1,000	4	N/A	0.206 U	0.210 U	0.208 U	0.211 U	0.210 U	0.210 U	0.208 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.206 U	0.210 U	0.208 U	0.211 U	**3.06**	0.210 U	0.208 U	**0.252**	0.211 U	0.208 U	0.213 U	0.214 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.206 U	**0.246**	0.208 U	0.211 U	**4.79**	0.210 U	0.208 U	**0.567**	0.211 U	0.208 U	0.213 U	0.214 U
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0617 U	0.0583 U	0.0581 U	0.0600 U	0.0587 U	0.0576 U	0.0612 U	0.0618 U	0.0594 U	0.0606 U	0.0648 U	0.0597 U
	Aroclor 1221	2	2	3	3	2	1	0.0617 U	0.0583 U	0.0581 U	0.0600 U	0.0587 U	0.0576 U	0.0612 U	0.0618 U	0.0594 U	0.0606 U	0.0648 U	0.0597 U
	Aroclor 1232	2	2	3	3	2	1	0.0617 U	0.0583 U	0.0581 U	0.0600 U	0.0587 U	0.0576 U	0.0612 U	0.0618 U	0.0594 U	0.0606 U	0.0648 U	0.0597 U
	Aroclor 1242	2	2	3	3	2	1	0.0617 U	0.0583 U	0.0581 U	0.0600 U	0.0587 U	0.0576 U	0.0612 U	0.0618 U	0.0594 U	0.0606 U	0.0648 U	0.0597 U
	Aroclor 1248	2	2	3	3	2	1	0.0617 U	0.0583 U	0.0581 U	0.0600 U	0.0587 U	0.0576 U	0.0612 U	0.0618 U	0.0594 U	0.0606 U	0.0648 U	0.0597 U
	Aroclor 1254	2	2	3	3	2	1	0.0617 U	**1.64 J**	0.0581 U	**0.108 J**	**0.939 J**	**0.0717 J**	**0.179 J**	**0.293 J**	**0.0959 J**	**0.148 J**	0.0648 U	0.0597 U
	Aroclor 1260	2	2	3	3	2	1	0.0617 U	0.0583 U	0.0581 U	**0.077 J**	0.0587 U	0.0576 U	0.0612 U	**0.136 J**	**0.123 J**	0.0606 U	0.0648 U	0.0597 U
	Total PCBs	2	2	3	3	2	1	0.0617 U	**1.64 J**	0.0581 U	**0.185 J**	**0.939 J**	**0.0717 J**	**0.179 J**	**0.429 J**	**0.2189 J**	**0.148 J**	0.0648 U	0.0597 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.040**	**0.107**	**0.096**	**0.094**	**0.102**	**0.045**	**0.046**	**0.070**	**0.063**	**0.088**	**0.149**	**0.052**
	Antimony	20	20	30	30	20	N/A	4.94 U	5.02 U	4.99 U	5.07 U	5.04 U	5.04 U	4.97 U	4.97 U	5.06 U	4.99 U	5.11 U	5.14 U
	Arsenic	20	20	20	20	20	N/A	**3.33**	**3.48**	**3.50**	**3.98**	**4.96**	3.15 U	3.11 U	3.11 U	**3.55**	**3.92**	**4.50**	**3.32**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**21.3**	**52.9**	**33.5**	**86.0**	**69.9**	**23.7**	**21.0**	**60.4**	**40.2**	**28.1**	**40.8**	**23.6**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.33 U
	Cadmium	2	2	30	30	2	N/A	0.31 U	**0.60**	**0.34**	**0.72**	**0.42**	0.32 U	0.32 U	**0.34**	**0.33**	0.32 U	0.32 U	0.33 U
	Chromium	30	30	200	200	30	N/A	**7.08**	**9.34**	**7.73**	**13.0**	**11.7**	**5.57**	**5.24**	**10.6**	**9.16**	**8.59**	**14.2**	**10.9**
	Lead	300	300	300	300	300	N/A	**21.1**	**105**	**47.4**	**253**	**73.0**	**21.6**	**19.4**	**67.2**	**54.4**	**89.4**	**67.2**	**30.7**
	Nickel	20	20	700	700	20	N/A	**3.17**	**4.98**	**3.69**	**6.74**	**5.09**	**2.37**	**2.24**	**4.99**	**4.42**	**4.52**	**8.62**	**5.21**
	Selenium	400	400	800	800	400	N/A	6.18 U	6.28 U	6.24 U	6.33 U	6.30 U	6.30 U	6.22 U	6.21 U	6.33 U	6.24 U	6.39 U	6.42 U
	Silver	100	100	200	200	100	N/A	0.62 U	0.63 U	0.63 U	0.64 U	0.63 U	0.63 U	0.63 U	0.63 U	0.64 U	0.63 U	0.64 U	0.65 U
	Thallium	8	8	60	60	8	N/A	3.71 U	3.77 U	3.75 U	3.80 U	3.78 U	3.78 U	3.73 U	3.73 U	3.80 U	3.75 U	3.84 U	3.86 U
	Vanadium	600	600	1,000	1,000	600	N/A	**14.5**	**14.8**	**14.8**	**17.6**	**18.3**	**10.5**	**9.82**	**15.5**	**17.2**	**17.3**	**21.4**	**18.6**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**31.5**	**78.3**	**47.9**	**151**	**60.2**	**24.8**	**23.1**	**47.5**	**47.4**	**34.2**	**39.4**	**29.9**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte															
							Sample ID:	SS-58	SS-59		SS-60	SS-61	SS-62	SS-63	SS-64	SS-65
							Sample Depth (ft.):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
							Sample Date:	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/15/2008	12/15/2008	12/15/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup						
PAHs																
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Acenaphthylene	600	10	600	10	1	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.213 U	0.211 U	0.211 U	**0.268**	**0.798**	0.206 U	0.202 U	0.310 U	0.250 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.213 U	0.211 U	0.211 U	**0.252**	**0.651**	0.206 U	0.202 U	0.310 U	0.250 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.213 U	0.211 U	0.211 U	**0.300**	**0.704**	0.206 U	0.202 U	0.310 U	0.250 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	0.211 U	0.211 U	**0.240**	**0.403**	0.206 U	0.202 U	0.310 U	0.250 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.213 U	0.211 U	0.211 U	0.221 U	**0.294**	0.206 U	0.202 U	0.310 U	0.250 U
	Chrysene	70	70	400	400	70	N/A	0.213 U	0.211 U	0.211 U	**0.277**	**0.936**	0.206 U	0.202 U	0.310 U	0.250 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	**0.232**	**0.251**	**0.453**	**1.03**	**0.298**	0.202 U	0.310 U	0.250 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.213 U	0.211 U	0.211 U	**0.244**	**0.465**	0.206 U	0.202 U	0.310 U	0.250 U
	Naphthalene	40	500	40	1,000	4	N/A	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U	0.202 U	0.310 U	0.250 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.213 U	0.211 U	**0.305**	**0.299**	**0.962**	0.206 U	0.202 U	0.310 U	0.250 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	**0.286**	**0.307**	**0.537**	**1.42**	**0.344**	0.202 U	0.310 U	0.250 U
PCBs																
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0578 U	0.0591 U	0.0619 U	0.0651 U	0.0543 U	0.0750 U	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0578 U	0.0591 U	0.0619 U	0.0651 U	0.0543 U	0.0750 U	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0578 U	0.0591 U	0.0619 U	0.0651 U	0.0543 U	0.0750 U	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0578 U	0.0591 U	0.0619 U	0.0651 U	0.0543 U	0.0750 U	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0578 U	0.0591 U	0.0619 U	0.0651 U	0.0543 U	0.0750 U	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	0.0578 U	**0.372 J**	**0.365 J**	**0.397 J**	0.0543 U	**0.676 J**	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0578 U	**0.139 J**	**0.133 J**	**0.304 J**	**0.199 J**	**0.181 J**	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0578 U	**0.511 J**	**0.498 J**	**0.701 J**	**0.199 J**	**0.857 J**	NA	NA	NA
PCB Homologs																
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.027**	**0.510**	**0.511**	**0.259**	**0.088**	**0.128**	0.014 U	0.024 U	0.031 U
	Antimony	20	20	30	30	20	N/A	5.11 U	5.06 U	5.05 U	5.29 U	4.77 U	4.94 U	4.84 U	7.43 U	5.99 U
	Arsenic	20	20	20	20	20	N/A	3.19 U	3.17 U	3.16 U	3.31 U	**3.34**	3.09 U	3.02 U	4.64 U	3.75 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**21.4**	**127**	**92.2**	**159**	**50.8**	**153**	**15.5**	**18.8**	**41.2**
	Beryllium	100	100	200	200	100	N/A	0.32 U	0.32 U	0.32 U	0.34 U	0.30 U	0.31 U	0.31 U	0.47 U	0.38 U
	Cadmium	2	2	30	30	2	N/A	0.32 U	**0.49**	**0.46**	**1.55**	0.30 U	**0.44**	0.31 U	0.47 U	0.38 U
	Chromium	30	30	200	200	30	N/A	**9.21**	**13.7**	**11.5**	**25.4**	**17.9**	**17.6**	**3.84**	**5.45**	**8.43**
	Lead	300	300	300	300	300	N/A	**7.87**	**144**	**113**	**186**	**68.0**	**95.3**	**6.35**	**15.7**	**16.9**
	Nickel	20	20	700	700	20	N/A	**6.01**	**5.03**	**4.25**	**7.74**	**8.81**	**6.05**	**4.02**	**4.51**	**10.4**
	Selenium	400	400	800	800	400	N/A	6.38 U	6.33 U	6.31 U	6.61 U	5.96 U	6.18 U	6.04 U	9.28 U	7.49 U
	Silver	100	100	200	200	100	N/A	0.64 U	0.64 U	0.64 U	0.67 U	0.60 U	0.62 U	0.61 U	0.93 U	0.75 U
	Thallium	8	8	60	60	8	N/A	3.83 U	3.80 U	3.79 U	3.97 U	3.58 U	3.71 U	3.63 U	5.57 U	4.50 U
	Vanadium	600	600	1,000	1,000	600	N/A	**15.0**	**17.3**	**16.5**	**25.5**	**21.5**	**19.0**	**7.21**	**9.28 U**	**11.9**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**20.5**	**82.6**	**65.2**	**143**	**60.1**	**72.1**	**26.0**	**27.6**	**32.3**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Summary of Analytical Results for Soil Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

R - Rejected data point due to matrix spike recovery <30%.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated non-detect.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed Method 1 standards.

Values shown in bold and outlined exceed TSCA standard but are less than the listed Method 1 standards.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

** - For reference purposes only.

(a) - The sample was re-collected on 7/31/2008 for metals analysis due to the limited volume of the original sample.

(b) - The sample was re-collected on 8/19/2008 for PAH and metals analyses due to a laboratory error with the original sample.

Table 2
Summary of Analytical Results for Groundwater Samples - 2008
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:		MW-4		MW-5	MW-6	MW-7	MW-8B
		Sample Date:		8/19/2008	8/19/2008	8/19/2008	8/19/2008	9/16/2008	9/16/2008
		GW-2	GW-3		Field Dup				
PAHs									
(ug/L)	Acenaphthene	NS	6,000	0.30 U	0.30 U	0.30 U	0.30 U	5.0 U	5.0 U
	Acenaphthylene	10,000	40	0.30 U	0.30 U	0.30 U	0.30 U	5.0 U	5.0 U
	Anthracene	NS	30	0.20 U	0.20 U	0.20 U	0.20 U	5.0 U	5.0 U
	Benzo(a)anthracene	NS	1,000	0.05 U	0.05 U	0.05 U	0.05 U	5.0 U	5.0 U
	Benzo(a)pyrene	NS	500	0.10 U	0.10 U	0.10 U	0.10 U	5.0 U	5.0 U
	Benzo(b)fluoranthene	NS	400	0.05 U	0.05 U	0.05 U	0.05 U	5.0 U	5.0 U
	Benzo(g,h,i)perylene	NS	20	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U
	Benzo(k)fluoranthene	NS	100	0.20 U	0.20 U	0.20 U	0.20 U	5.0 U	5.0 U
	Chrysene	NS	70	0.20 U	0.20 U	0.20 U	0.20 U	5.0 U	5.0 U
	Dibenz(a,h)anthracene	NS	40	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U
	Fluoranthene	NS	200	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U
	Fluorene	NS	40	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U
	2-Methylnaphthalene	2,000	20,000	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
	Naphthalene	1,000	20,000	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
	Phenanthrene	NS	10,000	0.05 U	0.05 U	**0.18**	**0.09**	5.0 U	5.0 U
	Pyrene	NS	20	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
PCBs									
(ug/L)	Aroclor 1016	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1221	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1232	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1242	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1248	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1254	5	10	0.0500 U	0.0500 U	**0.0731 J**	0.0500 U	0.0500 U	0.0500 U
	Aroclor 1260	5	10	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
	Total PCBs	5	10	0.0500 U	0.0500 U	**0.0731 J**	0.0500 U	0.0500 U	0.0500 U
Metals, total									
(ug/L)	Antimony	NS	8,000	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U
	Arsenic	NS	900	**7.0**	5.0 U	**15.0**	**13.0**	2.0 U	2.0 U
	Barium	NS	50,000	50 U	50 U	**122**	50 U	**254**	250 U
	Beryllium	NS	200	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Cadmium	NS	4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	Chromium	NS	300	5.0 U	5.0 U	**52.0**	5.0 U	50 U	50 U
	Lead	NS	10	7.5 U	7.5 U	**19.2**	7.5 U	5.0 U	5.0 U
	Nickel	NS	200	5.0 U	5.0 U	**20.0**	5.0 U	**29.4**	25 U
	Selenium	NS	100	30 U	30 U	30 U	30 U	25 U	25 U
	Silver	NS	7	3.0 U	3.0 U	**5.0**	**3.0**	2.5 U	2.5 U
	Thallium	NS	3,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.29**
	Vanadium	NS	4,000	25 U	25 U	25 U	25 U	25 U	25 U
	Zinc	NS	900	**12.0**	**16.0**	**68.0**	**110**	**894**	100 U
	Mercury	NS	20	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Metals, dissolved									
(ug/L)	Antimony	NS	8,000	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U
	Arsenic	NS	900	10 U	10 U	**10**	**10**	**2.41**	2.0 U
	Barium	NS	50,000	50 U	50 U	**64.9**	50 U	250 U	250 U
	Beryllium	NS	200	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Cadmium	NS	4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	Chromium	NS	300	5.0 U	5.0 U	5.0 U	5.0 U	50 U	50 U
	Lead	NS	10	8.0 U	8.0 U	8.0 U	8.0 U	5.0 U	5.0 U
	Nickel	NS	200	5.0 U	5.0 U	5.0 U	5.0 U	**27.7**	25 U
	Selenium	NS	100	30 U	30 U	30 U	30 U	25 U	25 U
	Silver	NS	7	2.5 U	2.5 U	2.5 U	**2.6**	2.5 U	2.5 U
	Thallium	NS	3,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Vanadium	NS	4,000	50 U	50 U	50 U	50 U	25 U	25 U
	Zinc	NS	900	**11**	**119**	**10**	10 U	**870**	100 U
	Mercury	NS	20	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U

Notes:

All units in ug/L unless otherwise specified.

ug/L - micrograms per liter.

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

NS - No MassDEP GW-2 standards exist for this compound.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed MCP Method 1 standards.

PCBs - Polychlorinated Biphenyls.

PAHs - Polynuclear Aromatic Hydrocarbons.

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HA-9		HA-10		HA-19	HA-19A		HA-19B		HA-19C			HA-19D	
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
							Sample Date:	5/19/2009	5/19/2009	5/19/2009	5/19/2009	4/7/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009 Field Dup	5/19/2009	5/19/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.450**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.439**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.560**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.289**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.218**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.528**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.736**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.345**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.19 U	0.18 U	0.19 U	0.20 U	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.694**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	0.18 U	0.19 U	0.20 U	**0.800**	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.567 U	0.472 U	0.165 U	0.174 U	0.0566 U	0.0589 U	0.246 U	0.0571 U	0.0526 U	0.0547 U	0.117 U	0.0571 U	0.0568 U	0.0555 U
	Aroclor 1221	2	2	3	3	2	1	0.567 U	0.472 U	0.165 U	0.174 U	0.0566 U	0.0589 U	0.246 U	0.0571 U	0.0526 U	0.0547 U	0.117 U	0.0571 U	0.0568 U	0.0555 U
	Aroclor 1232	2	2	3	3	2	1	0.567 U	0.472 U	0.165 U	0.174 U	0.0566 U	0.0589 U	0.246 U	0.0571 U	0.0526 U	0.0547 U	0.117 U	0.0571 U	0.0568 U	0.0555 U
	Aroclor 1242	2	2	3	3	2	1	0.567 U	0.472 U	0.165 U	0.174 U	0.0566 U	0.0589 U	0.246 U	0.0571 U	0.0526 U	0.0547 U	0.117 U	0.0571 U	0.0568 U	0.0555 U
	Aroclor 1248	2	2	3	3	2	1	0.567 U	0.472 U	0.165 U	0.174 U	0.0566 U	0.0589 U	0.246 U	0.0571 U	0.0526 U	0.0547 U	0.117 U	0.0571 U	0.0568 U	0.0555 U
	Aroclor 1254	2	2	3	3	2	1	**18.8 J**	**10.2 J**	**3.21 J**	**2.70 J**	**0.483 J**	0.0589 U	**5.30 J**	**0.130 J**	**0.248 J**	**0.113 J**	**0.916 J**	**0.518 J**	**0.0799 J**	**1.32 J**
	Aroclor 1260	2	2	3	3	2	1	0.567 U	0.472 U	0.165 U	0.174 U	**0.179 J**	0.0589 U	0.246 U	0.0571 U	0.0526 U	0.0547 U	0.117 U	**0.163 J**	0.0568 U	0.0555 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**18.8 J**	**10.2 J**	**3.21 J**	**2.70 J**	**0.662 J**	0.0589 U	**5.30 J**	**0.130 J**	**0.248 J**	**0.113 J**	**0.916 J**	**0.681 J**	**0.0799**	**1.32 J**
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**2.9**	2.7 U	2.8 U	2.9 U	**17.4**	2.9 U	**10**	2.8 U	**12**	2.9 U	**21**	**22**	**7.9**	2.7 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**14**	**8.9**	**14**	**13**	**7,290**	**77**	**250**	**30**	**1,400**	**32**	**3,900**	**9,300**	**360**	**35**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.28 U	0.27 U	0.28 U	0.29 U	**9.07**	0.29 U	**2.5**	0.28 U	**3.3**	0.29 U	**5.4**	**2.5**	**2.4**	**0.28**
	Chromium	30	30	200	200	30	N/A	**5.8**	**2.3**	**6.2**	**5.9**	**358**	**9.1**	**48**	**5.1**	**47**	**6.9**	**84**	**4,800**	**16**	**4.3**
	Lead	300	300	300	300	300	N/A	**10**	**3.3**	**6.4**	**7.0**	**1,770**	**39**	**820**	**27**	**1,200**	**26**	**740**	**4,300**	**150**	**25**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HA-19E	HA-19F	HA-19G	HA-19I		HA-19K	HA-19M	HA-19O	HA-19Q	HA-19S	HA-36	HB-7	
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	0-1	1-3
							Sample Date:	5/19/2009	5/19/2009	5/19/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	4/7/2009	5/19/2009	5/19/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA					Field Dup								
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.178 U	0.20 U	0.18 U
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0516 U	0.111 U	0.0504 U
	Aroclor 1221	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0516 U	0.111 U	0.0504 U
	Aroclor 1232	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0516 U	0.111 U	0.0504 U
	Aroclor 1242	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0516 U	0.111 U	0.0504 U
	Aroclor 1248	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0516 U	0.111 U	0.0504 U
	Aroclor 1254	2	2	3	3	2	1	**2.69 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.181 J**	**1.91 J**	0.0504 U
	Aroclor 1260	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0516 U	0.111 U	0.0504 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**2.69 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.181 J**	**1.91 J**	0.0504 U
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.67 U	2.9 U	**3.2**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**660**	**15,000**	**1,100**	NA	NA	NA	NA	NA	NA	NA	**12.4**	**16**	**12**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**2.6**	**6.6**	**9.7**	**4.1**	**4.5**	**2.9**	NA	NA	NA	NA	0.27 U	0.29 U	0.26 U
	Chromium	30	30	200	200	30	N/A	**30**	**1,900**	**100**	NA	NA	NA	NA	NA	NA	NA	**2.79**	**6.3**	**5.3**
	Lead	300	300	300	300	300	N/A	**1,600**	**3,600**	**1,000**	**1,400**	**1,700**	**1,200**	**1,700**	**420**	**620**	**870**	**6.49**	**16**	**7.1**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HB-9		HB-10		HB-22			HB-23A		HB-23B		HB-23C	
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	5/19/2009	5/19/2009	5/19/2009	5/19/2009	4/9/2009	4/9/2009	4/9/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA							Field Dup						
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.20 U	0.18 U	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.20 U	**0.52**	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.20 U	0.18 U	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**1.4**	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.20 U	**1.9**	0.20 U	**1.3**	**0.285**	**1.00**	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.20 U	**1.5**	0.20 U	**1.3**	**0.265**	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.20 U	**1.7**	0.20 U	**1.4**	**0.366**	**1.36**	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**0.63**	0.20 U	**0.69**	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.20 U	**0.68**	0.20 U	**0.54**	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.20 U	**1.7**	0.20 U	**1.3**	**0.327**	**1.06**	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.20 U	0.18 U	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**3.4**	0.20 U	**1.9**	**0.442**	**1.83**	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**0.71**	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.20 U	**0.80**	0.20 U	**0.85**	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.20 U	**0.29**	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.20 U	**5.0**	0.20 U	**1.1**	**0.498**	**1.58**	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**3.2**	0.20 U	**2.0**	**0.424**	**1.52**	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.403 U	0.225 U	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	1.72 U	0.197 U	0.0596 U	0.0585 U	0.0597 U	0.306 U
	Aroclor 1221	2	2	3	3	2	1	0.403 U	0.225 U	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	1.72 U	0.197 U	0.0596 U	0.0585 U	0.0597 U	0.306 U
	Aroclor 1232	2	2	3	3	2	1	0.403 U	0.225 U	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	1.72 U	0.197 U	0.0596 U	0.0585 U	0.0597 U	0.306 U
	Aroclor 1242	2	2	3	3	2	1	0.403 U	0.225 U	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	1.72 U	0.197 U	0.0596 U	0.0585 U	0.0597 U	0.306 U
	Aroclor 1248	2	2	3	3	2	1	0.403 U	0.225 U	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	1.72 U	0.197 U	0.0596 U	0.0585 U	0.0597 U	0.306 U
	Aroclor 1254	2	2	3	3	2	1	**9.00 J**	**3.93 J**	**5.14 J**	**1.49 J**	**1.18 J**	**1.01 J**	**1.92 J**	**45.9 J**	**4.12 J**	**0.786 J**	**0.915 J**	**1.41 J**	**4.74 J**
	Aroclor 1260	2	2	3	3	2	1	0.403 U	0.225 U	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	1.72 U	0.197 U	0.0596 U	0.0585 U	0.0597 U	0.306 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**9.00 J**	**3.93 J**	**5.14 J**	**1.49 J**	**1.18 J**	**1.01 J**	**1.92 J**	**45.9 J**	**4.12 J**	**0.786 J**	**0.915**	**1.41 J**	**4.74 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	3.0 U	**4.4**	**3.1**	**100**	**5.45**	**7.83**	NA	NA	NA	**3.11**	**7.30**	3.10 U	**18.1**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**15**	**200**	**36**	**600**	**59**	**307**	NA	NA	NA	**58.1**	**236**	**53.2**	**1,020**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.30 U	**0.79**	0.30 U	**4.9**	**0.56**	**1.84**	NA	NA	NA	**0.37**	**1.14**	0.31 U	**3.86**
	Chromium	30	30	200	200	30	N/A	**5.4**	**19**	**8.4**	**47**	**12.8**	**20.9**	NA	NA	NA	**8.95**	**14.7**	**8.13**	**60.2**
	Lead	300	300	300	300	300	N/A	**8.4**	**280**	**20**	**1,000**	**93.4**	**759**	NA	NA	NA	**48.5**	**169**	**42.9**	**1,460**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
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New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HB-23D		HB-23E		HB-23F	HB-23G		HB-23H		HB-23I		HB-23K	HB-23L	HB-23M
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3
							Sample Date:	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	4/9/2009	4/9/2009	4/9/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0545 U	0.532 U	0.568 U	0.601 U	NA	0.0570 U	0.282 U	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0545 U	0.532 U	0.568 U	0.601 U	NA	0.0570 U	0.282 U	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0545 U	0.532 U	0.568 U	0.601 U	NA	0.0570 U	0.282 U	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0545 U	0.532 U	0.568 U	0.601 U	NA	0.0570 U	0.282 U	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0545 U	0.532 U	0.568 U	0.601 U	NA	0.0570 U	0.282 U	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	**1.50 J**	**19.9 J**	**13.5 J**	**16.8 J**	NA	**0.943 J**	**4.94 J**	**2.53 J**	**0.0843 J**	**4.70 J**	**0.517 J**	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0545 U	0.532 U	0.568 U	0.601 U	NA	0.0570 UJ	0.282 UJ	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**1.50 J**	**19.9 J**	**13.5 J**	**16.8 J**	NA	**0.943 J**	**4.94 J**	**2.53 J**	**0.0843 J**	**4.70 J**	**0.517 J**	NA	NA	NA
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	2.90 U	**6.77**	**3.42**	**17.7**	**7.29**	**10.6**	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**612**	**55.1**	**297**	**343**	**269**	**311**	**1,210**	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	**2.20**	0.29 U	**1.28**	**0.61**	**3.31**	**1.03**	**4.06**	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	**47.0**	**15.4**	**29.7**	**26.9**	**36.8**	**36.7**	**35.2**	NA	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	**893**	**88.4**	**423**	**220**	**548**	**293**	**3,630**	**59.4**	**2,400**	**9.97**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte							HB-23N		HB-39		HB-39A		HB-39C		HB-39D		HB-40	
							Sample ID:												
							Sample Depth (ft.):	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	4/9/2009	4/9/2009	5/20/2009	5/20/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	5/20/2009	5/20/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA		Field Dup										
PAHs																			
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	0.38 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	0.38 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	0.38 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	**0.70**
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	**0.60**	**0.69**	NA	NA	NA	NA	NA	NA	0.41 U	**2.7**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	**0.57**	**0.68**	NA	NA	NA	NA	NA	NA	0.41 U	**2.8**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	**0.68**	**0.83**	NA	NA	NA	NA	NA	NA	0.41 U	**3.2**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.41**	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	**1.9**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	**1.2**
	Chrysene	70	70	400	400	70	N/A	NA	NA	**0.68**	**0.76**	NA	NA	NA	NA	NA	NA	0.41 U	**3.1**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	**0.42**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**1.0**	**1.1**	NA	NA	NA	NA	NA	NA	**0.50**	**3.9**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	0.38 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	**0.46**	**0.44**	NA	NA	NA	NA	NA	NA	0.41 U	**2.2**
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.41 U	0.38 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	**0.88**	**0.76**	NA	NA	NA	NA	NA	NA	0.41 U	**3.8**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**1.3**	**1.5**	NA	NA	NA	NA	NA	NA	**0.56**	**5.2**
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	0.0583 U	0.0559 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	0.0583 U	0.0559 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	0.0583 U	0.0559 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	0.0583 U	0.0559 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	0.0583 U	0.0559 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	**0.119 J**	**2.89 J**	NA	NA	NA	NA	NA	NA	**0.151 J**	**0.790 J**
	Aroclor 1260	2	2	3	3	2	1	NA	NA	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	0.0583 U	**0.281 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	**0.119 J**	**2.89 J**	NA	NA	NA	NA	NA	NA	**0.151 J**	**1.071 J**
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	**3.0**	**7.4**	**4.1**	**10**	**9.6**	**13**	**7.3**	**19**	3.0 U	**8.5**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**61**	**370**	**82**	**230**	**120**	**270**	**300**	**390**	**31**	**280**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	**0.41**	**1.0**	**0.66**	**1.1**	**1.7**	**1.0**	**1.8**	**0.85**	**0.35**	**1.9**
	Chromium	30	30	200	200	30	N/A	NA	NA	**9.3**	**18**	**11**	**20**	**21**	**15**	**17**	**9.4**	**7.9**	**29**
	Lead	300	300	300	300	300	N/A	**110**	**121**	**150**	**520**	**200**	**350**	**380**	**300**	**540**	**260**	**67**	**890**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																			
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																			
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HB-40A			HB-40C		HB-40D		HB-40E	HB-40G	HB-40H	HB-40I	HB-40K	HB-40M	HB-40O
							Sample Depth (ft.):	0-1	1-3	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
							Sample Date:	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup											
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.22 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.20 U	0.20 U	0.20 U	0.20 U	**0.21**	0.20 U	**0.24**	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.20 U	0.20 U	**0.22**	0.20 U	0.21 U	0.20 U	0.22 U	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.20 U	**0.45**	0.20 U	**0.44**	**0.27**	**0.65**	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.27**	**0.83**	**1.8**	**0.43**	**1.4**	**0.99**	**1.8**	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.29**	**0.84**	**1.8**	**0.47**	**1.3**	**0.99**	**1.6**	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.37**	**1.2**	**2.5**	**0.66**	**1.8**	**1.3**	**2.3**	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**0.46**	**0.95**	**0.24**	**0.60**	**0.43**	**0.71**	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.20 U	**0.41**	**0.93**	**0.24**	**0.64**	**0.47**	**0.82**	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**0.33**	**0.97**	**2.0**	**0.53**	**1.5**	**1.2**	**1.9**	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.20 U	0.20 U	**0.25**	0.20 U	0.21 U	0.20 U	0.22 U	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.56**	**2.1**	**4.2**	**0.90**	**3.0**	**1.9**	**3.7**	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.20 U	0.20 U	0.20 U	**0.25**	0.20 U	**0.24**	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.20 U	**0.50**	**1.2**	**0.27**	**0.71**	**0.50**	**0.84**	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.20 U	0.20 U	0.20 U	0.20 U	**0.37**	0.20 U	0.22 U	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.25**	**1.0**	**1.9**	**0.52**	**2.3**	**1.4**	**2.9**	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.48**	**1.1**	**2.5**	**0.64**	**2.2**	**1.4**	**2.6**	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0596 U	0.0565 U	0.0581 U	0.0604 U	0.0558 U	0.0578 U	0.0619 U	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0596 U	0.0565 U	0.0581 U	0.0604 U	0.0558 U	0.0578 U	0.0619 U	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0596 U	0.0565 U	0.0581 U	0.0604 U	0.0558 U	0.0578 U	0.0619 U	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0596 U	0.0565 U	0.0581 U	0.0604 U	0.0558 U	0.0578 U	0.0619 U	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0596 U	0.0565 U	0.0581 U	0.0604 U	0.0558 U	0.0578 U	0.0619 U	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	**0.409 J**	**0.816 J**	**1.18 J**	**0.139 J**	**0.789 J**	**0.225 J**	**0.443 J**	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0596 U	0.0565 U	0.0581 U	0.0604 U	0.0558 U	0.0578 U	0.0619 U	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.409 J**	**0.816 J**	**1.18 J**	**0.139 J**	**0.789 J**	**0.225 J**	**0.443 J**	NA	NA	NA	NA	NA	NA	NA
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**3.8**	**47**	**38**	**4.4**	**13**	**5.1**	**11**	**21**	**7.4**	**10**	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**34**	**290**	**240**	**49**	**320**	**130**	**340**	**320**	**270**	**300**	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.30 U	**8.8**	**3.3**	**0.51**	**4.4**	**0.74**	**1.8**	**91**	**1.6**	**1.1**	**0.93**	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**9.5**	**64**	**55**	**11**	**31**	**14**	**29**	**41**	**15**	**43**	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**57**	**780**	**430**	**240**	**4,900**	**370**	**820**	**880**	**530**	**380**	**470**	**1,700**	**680**	**1,200**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte																				
							Sample ID:	HB-40Q	HB-40S	HC-22		HC-22A			HC-22B		HC-22C		HC-22D		HC-22E
							Sample Depth (ft.):	1-3	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3
							Sample Date:	7/7/2009	7/7/2009	4/9/2009	4/9/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA							Field Dup							
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.204 U	0.205 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.204 U	**0.272**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.204 U	0.205 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.204 U	**0.615**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.204 U	**1.62**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.204 U	**1.53**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.204 U	**2.06**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.204 U	**0.730**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.204 U	**0.819**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.204 U	**1.74**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.204 U	0.205 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.306**	**2.68**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.204 U	**0.267**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.204 U	**0.876**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.204 U	**0.218**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	**0.211**	**2.76**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.328**	**2.34**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	0.0582 U	0.0573 U	0.0573 U	0.0602 U	0.258 U	0.0553 U	0.0639 U	0.0540 U	0.0612 U	0.0539 U	0.0596 UJ	0.0540 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	0.0582 U	0.0573 U	0.0573 U	0.0602 U	0.258 U	0.0553 U	0.0639 U	0.0540 U	0.0612 U	0.0539 U	0.0596 UJ	0.0540 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	0.0582 U	0.0573 U	0.0573 U	0.0602 U	0.258 U	0.0553 U	0.0639 U	0.0540 U	0.0612 U	0.0539 U	0.0596 UJ	0.0540 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	0.0582 U	0.0573 U	0.0573 U	0.0602 U	0.258 U	0.0553 U	0.0639 U	0.0540 U	0.0612 U	0.0539 U	0.0596 UJ	0.0540 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	0.0582 U	0.0573 U	0.0573 U	0.0602 U	0.258 U	0.0553 U	0.0639 U	0.0540 U	0.0612 U	0.0539 U	0.0596 UJ	0.0540 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	**0.145 J**	**0.166 J**	**0.128 J**	**0.876 J**	**4.40 J**	**0.081 J**	**0.154 J**	**0.991 J**	**1.09 J**	**0.854 J**	**0.0841 J**	0.0540 U
	Aroclor 1260	2	2	3	3	2	1	NA	NA	0.0582 U	0.0573 U	0.0573 U	0.0602 U	0.258 U	0.0553 U	0.0639 U	0.0540 U	0.0612 U	0.0539 U	0.0596 UJ	0.0540 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	**0.145 J**	**0.166 J**	**0.128 J**	**0.876 J**	**4.40 J**	**0.081 J**	**0.154 J**	**0.991 J**	**1.09 J**	**0.854 J**	**0.0841 J**	0.0540 U
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	**3.26**	**26.1**	2.9 U	**7.5**	**7.5**	2.9 U	**8.5**	2.8 U	**16**	3.1 U	**28**	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**41.4**	**626**	**31**	**620**	**560**	**39**	**490**	**38**	**440**	**60**	**840**	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	0.31 U	**2.52**	0.29 U	**1.5**	**1.8**	**0.44**	**1.6**	0.28 U	**0.83**	0.31 U	**1.70**	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	**7.99**	**28.3**	**6.4**	**40**	**31**	**6.8**	**25**	**7.5**	**11**	**20**	**27**	NA
	Lead	300	300	300	300	300	N/A	**1,000**	**1,800**	**38.9**	**1,090**	**29**	**520**	**640**	**36**	**1,900**	**44**	**210**	**65**	**580**	**41**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HC-22F	HC-22H	HD-14A		HD-14B			HD-14C		HD-14D	
							Sample Depth (ft.):	1-3	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	5/21/2009	5/21/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA							Field Dup				
PAHs																		
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																		
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	0.0575 U	0.0642 U	0.0545 U	0.118 U	0.0645 U	0.0576 U	0.108 U	0.0540 U	0.593 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	0.0575 U	0.0642 U	0.0545 U	0.118 U	0.0645 U	0.0576 U	0.108 U	0.0540 U	0.593 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	0.0575 U	0.0642 U	0.0545 U	0.118 U	0.0645 U	0.0576 U	0.108 U	0.0540 U	0.593 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	0.0575 U	0.0642 U	0.0545 U	0.118 U	0.0645 U	0.0576 U	0.108 U	0.0540 U	0.593 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	0.0575 U	0.0642 U	0.0545 U	0.118 U	0.0645 U	0.0576 U	0.108 U	0.0540 U	0.593 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	**0.0791 J**	**0.985 J**	0.0545 U	**2.04 J**	**1.92 J**	**0.785 J**	**1.32 J**	**0.163 J**	**18.9 J**
	Aroclor 1260	2	2	3	3	2	1	NA	NA	0.0575 U	0.0642 U	0.0545 U	0.118 U	0.0645 U	0.0576 U	0.108 U	**0.0793 J**	0.593 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	**0.0791 J**	**0.985 J**	0.0545 U	**2.04 J**	**1.92 J**	**0.785 J**	**1.32 J**	**0.2423 J**	**18.9 J**
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**2,100**	**460**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																		
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																		
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HD-19A			HD-19B		HD-19C		HD-19D		HD-20			HD-20A	
							Sample Depth (ft.):	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
							Sample Date:	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	4/2/2009	4/2/2009	4/2/2009	5/19/2009	5/19/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup									Field Dup		
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.390 U	4.06 U	4.09 U	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	0.188 U	0.192 U	2.03 U	2.05 U	0.20 U	0.40 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	0.188 U	0.192 U	2.03 U	**3.25**	0.20 U	**0.47**
	Acenaphthylene	600	10	600	10	1	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	0.188 U	0.192 U	2.03 U	2.05 U	0.20 U	0.40 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.467**	0.192 U	2.03 U	**8.58**	**0.31**	**1.1**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.407**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**1.07**	0.192 U	2.03 U	**14.6**	**0.98**	**1.6**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.414**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.942**	0.192 U	2.03 U	**12.0**	**0.76**	**1.3**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.510**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**1.31**	0.192 U	**2.41**	**17.3**	**1.0**	**1.6**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.439**	0.192 U	2.03 U	**5.04**	**0.38**	**0.74**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**0.218**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.557**	0.192 U	2.03 U	**6.34**	**0.40**	**0.67**
	Chrysene	70	70	400	400	70	N/A	**0.408**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**1.07**	0.192 U	2.03 U	**14.7**	**0.98**	**1.6**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	0.188 U	0.192 U	2.03 U	2.05 U	0.20 U	0.40 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**1.17**	**0.389**	NA	**0.196**	0.189 U	**0.223**	**0.565**	0.204 U	**3.31**	0.192 U	**3.40**	**31.0**	**1.8**	**3.1**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	0.188 U	0.192 U	2.03 U	**4.24**	0.20 U	**0.56**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.577**	0.192 U	2.03 U	**5.96**	**0.46**	**0.59**
	Naphthalene	40	500	40	1,000	4	N/A	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	0.188 U	0.192 U	2.03 U	2.05 U	0.20 U	**0.43**
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.543**	**0.245**	NA	0.187 U	0.189 U	**0.204**	**0.447**	0.204 U	**2.03**	0.192 U	**2.94**	**38.0**	**1.2**	**4.1**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.820**	**0.322**	NA	0.187 U	0.189 U	0.191 U	**0.603**	0.204 U	**2.02**	0.192 U	**3.43**	**22.0**	**1.6**	**2.3**
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0574 U	0.0569 U	0.0567 U	0.0556 U	0.0536 U	0.0577 U	0.0553 U	0.0591 U	0.0546 U	NA	NA	NA	0.0556 U	0.376 U
	Aroclor 1221	2	2	3	3	2	1	0.0574 U	0.0569 U	0.0567 U	0.0556 U	0.0536 U	0.0577 U	0.0553 U	0.0591 U	0.0546 U	NA	NA	NA	0.0556 U	0.376 U
	Aroclor 1232	2	2	3	3	2	1	0.0574 U	0.0569 U	0.0567 U	0.0556 U	0.0536 U	0.0577 U	0.0553 U	0.0591 U	0.0546 U	NA	NA	NA	0.0556 U	0.376 U
	Aroclor 1242	2	2	3	3	2	1	0.0574 U	0.0569 U	0.0567 U	0.0556 U	0.0536 U	0.0577 U	0.0553 U	0.0591 U	0.0546 U	NA	NA	NA	0.0556 U	0.376 U
	Aroclor 1248	2	2	3	3	2	1	0.0574 U	0.0569 U	0.0567 U	0.0556 U	0.0536 U	0.0577 U	0.0553 U	0.0591 U	0.0546 U	NA	NA	NA	0.0556 U	0.376 U
	Aroclor 1254	2	2	3	3	2	1	**0.242 J**	**0.252 J**	**0.115 J**	**0.226 J**	0.0536 U	0.0577 U	**0.668 J**	0.0591 U	**0.250 J**	NA	NA	NA	**0.105 J**	**6.11 J**
	Aroclor 1260	2	2	3	3	2	1	0.0574 U	**0.132 J**	**0.0818 J**	0.0556 U	0.0536 U	0.0577 U	0.0553 U	0.0591 U	**0.0826 J**	NA	NA	NA	0.0556 U	**4.69 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.242 J**	**0.384 J**	**0.1968 J**	**0.226 J**	0.0536 U	0.0577 U	**0.668 J**	0.0591 U	**0.3326 J**	NA	NA	NA	**0.105 J**	**10.80 J**
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.277**	**0.316**	NA	**0.319**	0.019 U	**0.029**	**0.168**	**0.047**	**0.170**	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	4.70 U	4.74 U	NA	4.48 U	4.52 U	4.59 U	4.64 U	4.90 U	4.49 U	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**3.68**	**5.76**	NA	2.80 U	2.83 U	2.87 U	**14.4**	3.06 U	**4.11**	2.87 U	**34.6**	**33.6**	2.9 U	**12**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**174**	**316**	NA	**89.8**	**15.3**	**17.4**	**321**	**23.4**	**146**	**18.7**	**378**	**519**	**26**	**490**
	Beryllium	100	100	200	200	100	N/A	0.30 U	0.30 U	NA	0.28 U	0.29 U	0.29 U	0.29 U	0.31 U	0.29 U	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.65**	**1.21**	NA	**0.55**	0.29 U	0.29 U	**1.55**	0.31 U	**0.42**	0.29 U	**2.36**	**1.71**	0.29 U	**5.3**
	Chromium	30	30	200	200	30	N/A	**20.7**	**246**	NA	**11.1**	**1.90**	**4.78**	**24.1**	**5.77**	**17.6**	**5.81**	**37.9**	**53.9**	**6.4**	**57**
	Lead	300	300	300	300	300	N/A	**205**	**432**	NA	**156**	**5.32**	**20.3**	**525**	**20.8**	**195**	**13.2**	**2,760**	**4,000**	**29**	**820**
	Nickel	20	20	700	700	20	N/A	**7.03**	**18.5**	NA	**4.32**	**1.52**	**2.48**	**14.9**	**2.73**	**7.82**	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	5.87 U	5.93 U	NA	5.60 U	5.65 U	5.73 U	5.80 U	6.12 U	5.62 U	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	0.59 U	0.60 U	NA	0.56 U	0.57 U	0.58 U	0.58 U	0.62 U	0.57 U	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	3.53 U	3.56 U	NA	3.36 U	3.39 U	3.44 U	3.48 U	3.68 U	3.37 U	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**17.2**	**68.8**	NA	**10.5**	5.65 U	**7.68**	**18.6**	**11.4**	**13.7**	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**230**	**165**	NA	**84.1**	**16.4**	**20.8**	**262**	**20.8**	**91.4**	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HD-20B			HD-20C		HD-20D		HD-20E	HD-20F	HD-20G	HD-20H	HD-21	
							Sample Depth (ft.):	0-1	1-3	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3	0-1	1-3
							Sample Date:	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	4/2/2009	4/2/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup										
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.440 U	2.11 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.20 U	0.41 U	0.21 U	0.20 U	0.20 U	0.19 U	0.42 U	NA	NA	NA	NA	0.220 U	1.06 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.20 U	0.41 U	0.21 U	0.20 U	0.20 U	0.19 U	0.42 U	NA	NA	NA	NA	0.220 U	1.06 U
	Acenaphthylene	600	10	600	10	1	N/A	0.20 U	0.41 U	0.21 U	0.20 U	0.20 U	0.19 U	0.42 U	NA	NA	NA	NA	0.220 U	1.06 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**0.34**	0.19 U	**0.78**	NA	NA	NA	NA	0.220 U	**1.56**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**1.1**	0.19 U	**1.8**	NA	NA	NA	NA	**0.341**	**5.64**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**1.0**	0.19 U	**1.6**	NA	NA	NA	NA	0.220 U	**4.94**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**1.5**	0.19 U	**1.9**	NA	NA	NA	NA	**0.403**	**6.90**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**0.46**	0.19 U	**0.82**	NA	NA	NA	NA	0.220 U	**2.09**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**0.57**	0.19 U	**0.75**	NA	NA	NA	NA	0.220 U	**2.70**
	Chrysene	70	70	400	400	70	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**1.2**	0.19 U	**1.9**	NA	NA	NA	NA	**0.344**	**5.70**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.20 U	0.41 U	0.21 U	0.20 U	0.20 U	0.19 U	0.42 U	NA	NA	NA	NA	0.220 U	1.06 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**2.0**	0.19 U	**3.4**	NA	NA	NA	NA	**0.447**	**8.84**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.41 U	0.21 U	0.20 U	0.20 U	0.19 U	0.42 U	NA	NA	NA	NA	0.220 U	1.06 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**0.56**	0.19 U	**1.0**	NA	NA	NA	NA	0.220 U	**2.73**
	Naphthalene	40	500	40	1,000	4	N/A	0.20 U	0.41 U	0.21 U	0.20 U	0.20 U	0.19 U	0.42 U	NA	NA	NA	NA	0.220 U	1.06 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**1.6**	0.19 U	**3.4**	NA	NA	NA	NA	**0.495**	**6.94**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.41 U	0.21 U	0.20 U	**1.4**	0.19 U	**3.1**	NA	NA	NA	NA	**0.579**	**7.33**
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0595 U	0.0639 U	0.0629 U	0.0585 U	0.616 U	0.0567 U	0.0608 U	0.541 UJ	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0595 U	0.0639 U	0.0629 U	0.0585 U	0.616 U	0.0567 U	0.0608 U	0.541 UJ	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0595 U	0.0639 U	0.0629 U	0.0585 U	0.616 U	0.0567 U	0.0608 U	0.541 UJ	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0595 U	0.0639 U	0.0629 U	0.0585 U	0.616 U	0.0567 U	0.0608 U	0.541 UJ	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0595 U	0.0639 U	0.0629 U	0.0585 U	0.616 U	0.0567 U	0.0608 U	0.541 UJ	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	0.0595 U	**1.67 J**	**0.408 J**	**0.924 J**	0.616 U	**0.069 J**	**1.66 J**	**10.2 J**	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0595 U	**0.395 J**	**0.334 J**	0.0585 U	0.616 U	0.0567 U	0.0608 U	0.541 UJ	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0595 U	**2.065 J**	**0.742 J**	**0.924 J**	0.616 U	**0.069 J**	**1.66 J**	**10.2 J**	NA	NA	NA	NA	NA
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**3.1**	**22**	**86**	**3.6**	**12**	2.9 U	**14**	2.8 U	2.8 U	**10**	**8.5**	3.29 U	**24.2**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**23**	**570**	**720**	**37**	**2,100**	**38**	**510**	**170**	**86**	**370**	**1,300**	**160**	**3,520**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.30 U	**3.5**	**2.8**	**0.33**	**2.7**	**0.29**	**2.9**	**1.2**	**0.29**	**3.4**	**4.1**	**0.38**	**5.67**
	Chromium	30	30	200	200	30	N/A	**6.7**	**66**	**42**	**8.4**	**99**	**6.9**	**58**	NA	NA	NA	NA	**10.4**	**595**
	Lead	300	300	300	300	300	N/A	**20**	**670**	**610**	**25**	**1,000**	**41**	**1,200**	**220**	**74**	**2,400**	**1,100**	**88.5**	**1,740**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HD-21A		HD-21B		HD-21C			HD-21D		HD-21E	HD-21F	HD-21G	HD-21H
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3	1-3	1-3	1-3	1-3
							Sample Date:	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA							Field Dup						
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.19 U	2.1 U	0.38 U	5.1 U	0.39 U	0.40 U	2.1 U	0.19 U	**3.1**	NA	0.18 U	0.39 U	0.38 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.19 U	2.1 U	0.38 U	5.1 U	0.39 U	0.40 U	2.1 U	0.19 U	**2.2**	NA	0.18 U	0.39 U	0.38 U
	Acenaphthylene	600	10	600	10	1	N/A	0.19 U	2.1 U	0.38 U	**12**	0.39 U	0.40 U	2.1 U	0.19 U	2.0 U	NA	0.18 U	0.39 U	0.38 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	2.1 U	0.38 U	**35**	**0.86**	0.40 U	**4.0**	0.19 U	**8.5**	NA	0.18 U	**1.4**	**1.1**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.19 U	2.1 U	**1.2**	**150**	**4.3**	**0.69**	**16**	0.19 U	**12**	NA	0.18 U	**7.4**	**5.5**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.19 U	2.1 U	**1.1**	**130**	**4.1**	**0.83**	**16**	0.19 U	**8.9**	NA	0.18 U	**7.5**	**5.6**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.19 U	2.1 U	**1.3**	**160**	**5.3**	**0.89**	**21**	0.19 U	**11**	NA	0.18 U	**9.1**	**7.7**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	2.1 U	**0.48**	**43**	**1.5**	**0.60**	**5.5**	0.19 U	**3.2**	NA	0.18 U	**3.5**	**2.4**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.19 U	2.1 U	**0.54**	**57**	**1.9**	0.40 U	**8.4**	0.19 U	**4.4**	NA	0.18 U	**3.5**	**3.1**
	Chrysene	70	70	400	400	70	N/A	0.19 U	2.1 U	**1.3**	**150**	**4.9**	**0.75**	**16**	0.19 U	**12**	NA	0.18 U	**7.8**	**5.8**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.19 U	2.1 U	0.38 U	**14**	**0.40**	0.40 U	2.1 U	0.19 U	2.0 U	NA	0.18 U	**1.0**	**0.71**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	2.1 U	**1.5**	**240**	**6.0**	**1.0**	**25**	**0.22**	**19**	NA	0.18 U	**12**	**8.3**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	2.1 U	0.38 U	**10**	0.39 U	0.40 U	2.1 U	0.19 U	**3.6**	NA	0.18 U	**0.40**	0.38 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.19 U	2.1 U	**0.61**	**59**	**1.7**	**0.69**	**7.8**	0.19 U	**3.9**	NA	0.18 U	**4.5**	**3.1**
	Naphthalene	40	500	40	1,000	4	N/A	0.19 U	2.1 U	0.38 U	5.1 U	0.39 U	0.40 U	2.1 U	0.19 U	**4.7**	NA	0.18 U	0.39 U	0.38 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.19 U	2.1 U	**0.84**	**150**	**3.3**	**0.84**	**16**	0.19 U	**32**	NA	0.18 U	**5.3**	**4.2**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	2.1 U	**1.8**	**280**	**6.8**	**1.1**	**20**	**0.24**	**23**	NA	0.18 U	**11**	**6.8**
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0592 U	0.0578 U	0.116 U	0.122 U	0.0588 U	0.0583 U	0.181 U	0.117 U	0.229 U	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0592 U	0.0578 U	0.116 U	0.122 U	0.0588 U	0.0583 U	0.181 U	0.117 U	0.229 U	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0592 U	0.0578 U	0.116 U	0.122 U	0.0588 U	0.0583 U	0.181 U	0.117 U	0.229 U	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0592 U	0.0578 U	0.116 U	0.122 U	0.0588 U	0.0583 U	0.181 U	0.117 U	0.229 U	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0592 U	0.0578 U	0.116 U	0.122 U	0.0588 U	0.0583 U	0.181 U	0.117 U	0.229 U	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	**0.561 J**	**1.20 J**	**1.87 J**	**0.649 J**	**0.699 J**	**0.494 J**	0.181 UJ	**2.44 J**	0.229 U	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0592 U	0.0578 U	**0.893 J**	**0.418 J**	0.0588 U	**0.498 J**	**2.77 J**	0.117 U	0.229 U	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.561 J**	**1.20 J**	**2.763 J**	**1.07 J**	**0.699 J**	**0.992 J**	**2.77 J**	**2.44 J**	0.229 U	NA	NA	NA	NA
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	2.8 U	**25**	**3.0**	**34**	**4.5**	**5.7**	**24**	**3.1**	**11**	**10**	2.7 U	**25**	**22**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**33**	**6,000**	**130**	**1,600**	**470**	**590**	**2,100**	**140**	**7,700**	**2,400**	**13**	**630**	**1,000**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.28 U	**5.6**	**0.50**	**2.8**	**0.72**	**1.3**	**4.4**	**0.66**	**2.3**	**2.9**	0.27 U	**2.0**	**2.1**
	Chromium	30	30	200	200	30	N/A	**4.8**	**1,300**	**15**	**3,800**	**34**	**46**	**640**	**20**	**260**	**310**	**2.1**	**51**	**54**
	Lead	300	300	300	300	300	N/A	**36**	**2,200**	**200**	**2,500**	**540**	**540**	**1,800**	**110**	**470**	**1,600**	**4.6**	**680**	**1300**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HD-21K		HD-21O	HD-21S	HD-22		HD-23		HE-10B			HE-10C	
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
							Sample Date:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	4/9/2009	4/9/2009	3/31/2009	3/31/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA		Field Dup									Field Dup		
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.19 U	0.20 U	NA	NA	0.199 U	0.191 U	0.190 U	0.206 U	0.197 U	0.213 U	0.240 U	0.197 U	0.206 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.19 U	**0.30**	NA	NA	0.199 U	0.191 U	0.190 U	**0.217**	0.197 U	**0.389**	**0.464**	0.197 U	0.206 U
	Acenaphthylene	600	10	600	10	1	N/A	0.19 U	0.20 U	NA	NA	0.199 U	0.191 U	0.190 U	0.206 U	0.197 U	0.213 U	0.240 U	0.197 U	0.206 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	**0.74**	NA	NA	**0.241**	**0.423**	0.190 U	**0.626**	0.197 U	**0.732**	**1.01**	0.197 U	**0.255**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.60**	**2.1**	NA	NA	**0.566**	**1.35**	0.190 U	**1.24**	0.197 U	**2.51**	**3.49**	0.197 U	**0.786**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.60**	**1.9**	NA	NA	**0.493**	**1.22**	0.190 U	**1.01**	0.197 U	**2.35**	**3.19**	0.197 U	**0.741**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.76**	**2.7**	NA	NA	**0.658**	**1.66**	0.190 U	**1.03**	0.197 U	**3.54**	**5.01**	0.197 U	**0.953**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**0.30**	**0.82**	NA	NA	**0.218**	**0.577**	0.190 U	**0.362**	0.197 U	**0.964**	**1.33**	0.197 U	**0.344**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**0.31**	**0.96**	NA	NA	**0.239**	**0.622**	0.190 U	**0.352**	0.197 U	**1.24**	**1.83**	0.197 U	**0.382**
	Chrysene	70	70	400	400	70	N/A	**0.64**	**2.1**	NA	NA	**0.551**	**1.35**	0.190 U	**1.30**	0.197 U	**2.56**	**3.49**	0.197 U	**0.798**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.19 U	**0.26**	NA	NA	0.199 U	0.191 U	0.190 U	0.206 U	0.197 U	**0.340**	0.240 U	0.197 U	0.206 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**1.0**	**3.6**	NA	NA	**0.992**	**2.32**	**0.193**	**1.45**	0.197 U	**3.61**	**7.09**	0.197 U	**1.30**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.19 U	**0.36**	NA	NA	0.199 U	0.191 U	0.190 U	**0.291**	0.197 U	**0.387**	**0.520**	0.197 U	0.206 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.37**	**1.1**	NA	NA	**0.293**	**0.694**	0.190 U	**0.430**	0.197 U	**1.35**	**1.80**	0.197 U	**0.410**
	Naphthalene	40	500	40	1,000	4	N/A	0.19 U	**0.32**	NA	NA	0.199 U	0.191 U	0.190 U	0.206 U	0.197 U	0.213 U	0.240 U	0.197 U	0.206 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.69**	**3.2**	NA	NA	**0.980**	**1.80**	**0.204**	**3.28**	0.197 U	**3.01**	**4.07**	0.197 U	**1.09**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.90**	**2.7**	NA	NA	**0.849**	**1.71**	**0.264**	**2.22**	0.197 U	**3.04**	**4.97**	0.197 U	**1.29**
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	0.0546 U	0.168 U	NA	NA	0.0576 U	0.134 U	NA	0.0561 U	0.193 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	0.0546 U	0.168 U	NA	NA	0.0576 U	0.134 U	NA	0.0561 U	0.193 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	0.0546 U	0.168 U	NA	NA	0.0576 U	0.134 U	NA	0.0561 U	0.193 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	0.0546 U	0.168 U	NA	NA	0.0576 U	0.134 U	NA	0.0561 U	0.193 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	0.0546 U	0.168 U	NA	NA	0.0576 U	0.134 U	NA	0.0561 U	0.193 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	**0.132 J**	**2.42 J**	NA	NA	**0.222 J**	**1.45 J**	NA	**0.0991 J**	**2.41 J**
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	0.0546 U	0.168 U	NA	NA	0.0576 U	**0.583 J**	NA	0.0561 U	0.193 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	**0.132 J**	**2.42 J**	NA	NA	**0.222 J**	**2.033 J**	NA	**0.0991 J**	**2.41 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	**3.49**	**5.30**	**3.08**	**17.4**	2.95 U	**9.96**	**12.0**	2.96 U	**9.34**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**58.8**	**218**	**36.5**	**385**	**28.3**	**446**	**1,040**	**48.0**	**666**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	**0.38**	**1.26**	0.29 U	**1.35**	0.30 U	**3.07**	**4.56**	**0.30**	**2.30**
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	**10.9**	**22.9**	**7.09**	**28.8**	**7.99**	**33.2**	**66.4**	**8.53**	**72.9**
	Lead	300	300	300	300	300	N/A	**400**	**970**	**1,400**	**5,100**	**74.6**	**234**	**31.7**	**928**	**29.3**	**549**	**2,500**	**37.3**	**853**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HE-10D			HE-44B		HE-44C		HE-44F	HF-10B		HF-10C		HF-10D	
							Sample Depth (ft.):	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	4/3/2009	4/3/2009	4/3/2009	3/31/2009	3/31/2009	3/31/2009	3/31/2009	3/31/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup											
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.194 U	0.223 U	NA	NA	NA	NA	NA	NA	0.199 U	**47.8**	0.198 U	0.953 U	0.191 U	0.187 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.194 U	**0.407**	NA	NA	NA	NA	NA	NA	0.199 U	**113**	0.198 U	0.953 U	0.191 U	0.187 U
	Acenaphthylene	600	10	600	10	1	N/A	0.194 U	0.223 U	NA	NA	NA	NA	NA	NA	0.199 U	1.68 U	0.198 U	0.953 U	0.191 U	0.187 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**1.08**	NA	NA	NA	NA	NA	NA	0.199 U	**190**	0.198 U	**1.83**	0.191 U	**0.228**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.194 U	**2.48**	NA	NA	NA	NA	NA	NA	0.199 U	**167**	0.198 U	**3.78**	**0.393**	**0.746**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.194 U	**2.33**	NA	NA	NA	NA	NA	NA	0.199 U	**133**	0.198 U	**3.21**	**0.367**	**0.732**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.194 U	**3.17**	NA	NA	NA	NA	NA	NA	0.199 U	**183**	0.198 U	**3.68**	**0.486**	**0.967**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**0.929**	NA	NA	NA	NA	NA	NA	0.199 U	**58.3**	0.198 U	**2.39**	**0.190**	**0.359**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.194 U	**1.14**	NA	NA	NA	NA	NA	NA	0.199 U	**75.7**	0.198 U	**1.42**	0.191 U	**0.340**
	Chrysene	70	70	400	400	70	N/A	0.194 U	**2.53**	NA	NA	NA	NA	NA	NA	0.199 U	**171**	0.198 U	**3.94**	**0.390**	**0.800**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.194 U	0.223 U	NA	NA	NA	NA	NA	NA	0.199 U	**17.2**	0.198 U	0.953 U	0.191 U	0.187 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**4.97**	NA	NA	NA	NA	NA	NA	**0.257**	**443**	0.198 U	**7.20**	**0.626**	**1.25**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**0.455**	NA	NA	NA	NA	NA	NA	0.199 U	**121**	0.198 U	**1.22**	0.191 U	0.187 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.194 U	**1.19**	NA	NA	NA	NA	NA	NA	0.199 U	**56.9**	0.198 U	**2.93**	**0.240**	**0.425**
	Naphthalene	40	500	40	1,000	4	N/A	0.194 U	0.223 U	NA	NA	NA	NA	NA	NA	0.199 U	**76.0**	0.198 U	0.953 U	0.191 U	0.187 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.194 U	**4.80**	NA	NA	NA	NA	NA	NA	**0.203**	**710**	0.198 U	**9.65**	**0.548**	**1.19**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**3.84**	NA	NA	NA	NA	NA	NA	**0.386**	**280**	0.198 U	**7.71**	**0.598**	**1.13**
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0577 U	0.0661 U	0.140 U	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	0.0587 U	0.575 U	0.0579 U	0.167 U	0.0574 U	0.168 U
	Aroclor 1221	2	2	3	3	2	1	0.0577 U	0.0661 U	0.140 U	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	0.0587 U	0.575 U	0.0579 U	0.167 U	0.0574 U	0.168 U
	Aroclor 1232	2	2	3	3	2	1	0.0577 U	0.0661 U	0.140 U	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	0.0587 U	0.575 U	0.0579 U	0.167 U	0.0574 U	0.168 U
	Aroclor 1242	2	2	3	3	2	1	0.0577 U	0.0661 U	0.140 U	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	0.0587 U	0.575 U	0.0579 U	0.167 U	0.0574 U	0.168 U
	Aroclor 1248	2	2	3	3	2	1	0.0577 U	0.0661 U	0.140 U	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	0.0587 U	**8.28 J**	0.0579 U	0.167 U	0.0574 U	0.168 U
	Aroclor 1254	2	2	3	3	2	1	**0.136 J**	**0.473 J**	**1.42 J**	**0.349 J**	**1.63 J**	0.0571 U	**0.756 J**	NA	**0.460 J**	**7.10 J**	**0.582 J**	**2.29 J**	**0.167 J**	**2.42 J**
	Aroclor 1260	2	2	3	3	2	1	0.0577 U	**0.285 J**	**0.470 J**	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	**0.147 J**	**2.58 J**	**0.213 J**	0.167 U	0.0574 U	**1.44 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.136 J**	**0.758 J**	**1.89 J**	**0.349 J**	**1.63 J**	0.0571 U	**0.756 J**	NA	**0.607 J**	**17.96 J**	**0.795 J**	**2.29 J**	**0.167 J**	**3.86 J**
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	2.90 U	**16.1**	NA	NA	NA	NA	NA	NA	**3.66**	**19.3**	2.97 U	**5.69**	**4.13**	**7.18**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**26.3**	**1,720**	NA	NA	NA	NA	NA	NA	**371**	**1,310**	**35.4**	**741**	**462**	**432**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.29**	**10.6**	NA	**0.80**	**0.99**	0.29 U	**0.42**	NA	**0.71**	**29.3**	**0.33**	**3.49**	**0.73**	**1.08**
	Chromium	30	30	200	200	30	N/A	**7.11**	**82.5**	NA	NA	NA	NA	NA	NA	**25.7**	**119**	**8.36**	**65.3**	**29.8**	**30.2**
	Lead	300	300	300	300	300	N/A	**20.9**	**1,270**	NA	**990**	**292**	**169**	**354**	**310**	**118**	**16,100**	**38.0**	**692**	**132**	**1,020**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HF-14A	HF-14B	HF-14D	HF-14E			HF-14G		HF-14H		HF-14I	HF-31A	
							Sample Depth (ft.):	1-3	1-3	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
							Sample Date:	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	4/8/2009	4/2/2009	4/2/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA						Field Dup			(a)	(a)			
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.380 U	0.370 U	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	0.176 U	NA	0.184 U	0.381 U	0.186 U	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	0.176 U	NA	0.184 U	0.381 U	0.186 U	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	0.176 U	NA	0.184 U	0.381 U	0.186 U	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.176 U	NA	0.184 U	**0.754**	**0.671**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	**0.339**	NA	0.184 U	**6.81**	**1.07**	0.203 U	**1.13**	0.198 U	0.182 U	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	**0.366**	NA	**0.187**	**5.85**	**0.912**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	**0.377**	NA	**0.209**	**7.54**	**1.02**	0.203 U	**1.21**	0.198 U	0.182 U	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.290**	NA	0.184 U	**2.43**	**0.415**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	0.176 U	NA	0.184 U	**2.76**	**0.397**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	**0.367**	NA	**0.188**	**6.11**	**1.03**	0.203 U	**1.17**	0.198 U	0.182 U	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	0.176 U	NA	0.184 U	**0.833**	0.186 U	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.533**	NA	**0.242**	**8.44**	**1.75**	0.203 U	**1.87**	0.198 U	0.182 U	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.176 U	NA	0.184 U	0.381 U	**0.276**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	**0.307**	NA	0.184 U	**3.79**	**0.545**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	0.176 U	NA	0.184 U	0.381 U	**0.295**	0.203 U	0.981 U	0.198 U	0.182 U	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	**0.368**	NA	0.184 U	**1.43**	**2.24**	0.203 U	**2.10**	0.198 U	0.182 U	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.670**	NA	**0.308**	**9.19**	**1.94**	0.203 U	**1.67**	0.198 U	0.182 U	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	0.0526 U	NA	0.0580 U	0.172 U	0.215 U	0.0563 U	0.138 U	0.0555 U	0.0540 U	NA	0.119 U	0.217 U
	Aroclor 1221	2	2	3	3	2	1	NA	0.0526 U	NA	0.0580 U	0.172 U	0.215 U	0.0563 U	0.138 U	0.0555 U	0.0540 U	NA	0.119 U	0.217 U
	Aroclor 1232	2	2	3	3	2	1	NA	0.0526 U	NA	0.0580 U	0.172 U	0.215 U	0.0563 U	0.138 U	0.0555 U	0.0540 U	NA	0.119 U	0.217 U
	Aroclor 1242	2	2	3	3	2	1	NA	0.0526 U	NA	0.0580 U	0.172 U	0.215 U	0.0563 U	0.138 U	0.0555 U	0.0540 U	NA	0.119 U	0.217 U
	Aroclor 1248	2	2	3	3	2	1	NA	0.0526 U	NA	0.0580 U	0.172 U	0.215 U	0.0563 U	0.138 U	0.0555 U	0.0540 U	NA	0.119 U	0.217 U
	Aroclor 1254	2	2	3	3	2	1	NA	**1.41 J**	NA	0.0580 U	**3.00 J**	**3.31 J**	**0.322 J**	**0.949 J**	**0.129 J**	**0.439 J**	NA	**1.35 J**	**2.49 J**
	Aroclor 1260	2	2	3	3	2	1	NA	**0.613 J**	NA	0.0580 U	**1.59 J**	**2.10 J**	**0.121 J**	**0.565 J**	0.0555 U	**0.262 J**	NA	**0.291 J**	0.217 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	**2.023 J**	NA	0.0580 U	**4.59 J**	**5.41 J**	**0.443 J**	**1.514 J**	**0.129 J**	**0.701 J**	NA	**1.641 J**	**2.49 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	**0.071**	**0.279**	**0.230**	**0.079**	**0.222**	**0.045**	**0.022**	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	2.76 U	**6.37**	**2.85**	**4.82**	**10.1**	2.97 U	2.73 U	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**2,540**	**24.3**	**8,480**	**38.0**	**1,300**	**203**	**71.1**	**3,330**	**22.6**	**22.5**	**6,550**	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**3.49**	0.27 U	**4.26**	0.28 U	**1.31**	**0.45**	**0.40**	**2.42**	0.30 U	0.28 U	**2.39**	**0.51**	**0.47**
	Chromium	30	30	200	200	30	N/A	**93.0**	**4.27**	**857**	**6.08**	**160**	**31.4**	**11.6**	**1,180**	**5.55**	**5.94**	**1,250**	NA	NA
	Lead	300	300	300	300	300	N/A	**459**	**88.6**	**1,200**	**62.1**	**1,020**	**552**	**54.7**	**579**	**18.1**	**17.7**	**8,860**	**194**	**168**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HF-31B		HF-31C			HF-31D		HF-31G	HF-31H	HF-35A		HF-35B	
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	1-3	0-1	1-3	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA					Field Dup								
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U	0.0532 U	3.36 U	0.0535 U	0.0530 U	0.0547 U	0.0585 U	0.0543 U	0.0557 U
	Aroclor 1221	2	2	3	3	2	1	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U	0.0532 U	3.36 U	0.0535 U	0.0530 U	0.0547 U	0.0585 U	0.0543 U	0.0557 U
	Aroclor 1232	2	2	3	3	2	1	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U	0.0532 U	3.36 U	0.0535 U	0.0530 U	0.0547 U	0.0585 U	0.0543 U	0.0557 U
	Aroclor 1242	2	2	3	3	2	1	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U	0.0532 U	3.36 U	0.0535 U	0.0530 U	0.0547 U	0.0585 U	0.0543 U	0.0557 U
	Aroclor 1248	2	2	3	3	2	1	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U	0.0532 U	3.36 U	0.0535 U	0.0530 U	0.0547 U	0.0585 U	0.0543 U	0.0557 U
	Aroclor 1254	2	2	3	3	2	1	**0.310 J**	**2.66 J**	**2.88 J**	**5.32 J**	**7.31 J**	**0.597 J**	**71.6 J**	**0.334 J**	**0.565 J**	0.0547 U	0.0585 U	**0.118 J**	**0.786 J**
	Aroclor 1260	2	2	3	3	2	1	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U	0.0532 U	3.36 U	0.0535 U	**0.355 J**	0.0547 U	**0.819 J**	0.0543 U	0.0557 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.310 J**	**2.66 J**	**2.88 J**	**5.32 J**	**7.31 J**	**0.597 J**	**71.6 J**	**0.334 J**	**0.920 J**	0.0547 U	**0.819 J**	**0.118 J**	**0.786 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.41**	**0.49**	**0.29**	**0.34**	NA	**0.62**	**1.24**	NA	NA	0.28 U	**0.71**	0.28 U	**0.44**
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**79.7**	**164**	**31.5**	**82.9**	NA	**192**	**441**	NA	NA	**42.7**	**154**	**16.9**	**151**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HF-35C			HF-35D		HF-38	HF-40A			HF-40B		HF-40C	
							Sample Depth (ft.):	0-1	1-3	1-3	0-1	1-3	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	4/1/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009	4/2/2009	3/10/2009	3/10/2009	3/10/2009	3/9/2009	3/9/2009	3/10/2009	3/10/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup						Field Dup				
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.176 U	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0540 U	0.111 U	0.0572 U	0.0597 U	0.0558 U	0.0524 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U
	Aroclor 1221	2	2	3	3	2	1	0.0540 U	0.111 U	0.0572 U	0.0597 U	0.0558 U	0.0524 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U
	Aroclor 1232	2	2	3	3	2	1	0.0540 U	0.111 U	0.0572 U	0.0597 U	0.0558 U	0.0524 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U
	Aroclor 1242	2	2	3	3	2	1	0.0540 U	0.111 U	0.0572 U	0.0597 U	0.0558 U	0.0524 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U
	Aroclor 1248	2	2	3	3	2	1	0.0540 U	0.111 U	0.0572 U	0.0597 U	0.0558 U	0.0524 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U
	Aroclor 1254	2	2	3	3	2	1	**0.133 J**	**0.899 J**	**0.735 J**	0.0597 U	**0.228 J**	0.0524 U	0.0614 U	**3.10 J**	**1.44 J**	**9.32 J**	**15.2 J**	**0.216 J**	**4.93 J**
	Aroclor 1260	2	2	3	3	2	1	0.0540 U	**0.468 J**	**0.343 J**	0.0597 U	0.0558 U	0.0524 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.133 J**	**1.367 J**	**1.078 J**	0.0597 U	**0.228 J**	0.0524 U	0.0614 U	**3.10 J**	**1.44 J**	**9.32 J**	**15.2 J**	**0.216 J**	**4.93 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	2.64 U	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**14.7**	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.28 U	**1.48**	**2.21**	0.31 U	**0.71**	0.27 U	0.32 U	**1.22**	NA	**0.42**	**1.57**	0.29 U	0.28 U
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	**2.50**	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**26.2**	**525**	**661**	**24.2**	**471**	**3.58**	**23.2**	**449**	NA	**90.5**	**201**	**36.1**	**85.3**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HF-40D		HF-40E		HF-40F		HF-40G		HF-40H		HF-40I	HF-40J	HF-43A	
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	0-1	1-3
							Sample Date:	3/9/2009	3/9/2009	3/10/2009	3/10/2009	3/9/2009	3/9/2009	3/10/2009	3/10/2009	3/9/2009	3/9/2009	4/9/2009	4/9/2009	4/1/2009	4/1/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0615 U	0.0531 U	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.0564 U	0.177 U
	Aroclor 1221	2	2	3	3	2	1	0.0615 U	0.0531 U	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.0564 U	0.177 U
	Aroclor 1232	2	2	3	3	2	1	0.0615 U	0.0531 U	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.0564 U	0.177 U
	Aroclor 1242	2	2	3	3	2	1	0.0615 U	0.0531 U	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.0564 U	0.177 U
	Aroclor 1248	2	2	3	3	2	1	0.0615 U	0.0531 U	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.0564 U	0.177 U
	Aroclor 1254	2	2	3	3	2	1	**0.233 J**	**0.277 J**	NA	NA	**1.66**	**3.93 J**	NA	NA	NA	NA	NA	NA	0.0564 U	**2.60 J**
	Aroclor 1260	2	2	3	3	2	1	0.0615 U	0.0531 U	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.0564 U	0.177 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.233 J**	**0.277 J**	NA	NA	**1.66 J**	**3.93 J**	NA	NA	NA	NA	NA	NA	0.0564 U	**2.60 J**
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.31 U	0.28 U	0.29 U	**3.14**	0.28 U	**0.57**	0.28 U	**0.30**	0.32 U	0.28 U	**0.33**	**1.15**	0.29 U	**0.85**
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**48.4**	**29.8**	**54.8**	**643**	**15.2**	**770**	**40.8**	**86.9**	**24.2**	**4.06**	**43.3**	**218**	**13.7**	**629**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte							HF-43B		HF-43D		HF-43G		HF-43H	HG-31	HH-13		HH-13A	
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	3/31/2009	3/31/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009	4/2/2009	4/3/2009	4/3/2009	3/11/2009	3/11/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA												
PAHs																			
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.400 U	**6.60**	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.179 U	NA	NA	0.196 U	0.385 U
PCBs																			
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0577 U	0.0557 U	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	0.0526 U	NA	NA	0.0585 U	0.0538 U
	Aroclor 1221	2	2	3	3	2	1	0.0577 U	0.0557 U	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	0.0526 U	NA	NA	0.0585 U	0.0538 U
	Aroclor 1232	2	2	3	3	2	1	0.0577 U	0.0557 U	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	0.0526 U	NA	NA	0.0585 U	0.0538 U
	Aroclor 1242	2	2	3	3	2	1	0.0577 U	0.0557 U	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	0.0526 U	NA	NA	0.0585 U	0.0538 U
	Aroclor 1248	2	2	3	3	2	1	0.0577 U	0.0557 U	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	0.0526 U	NA	NA	0.0585 U	0.0538 U
	Aroclor 1254	2	2	3	3	2	1	**0.0953 J**	**0.489 J**	0.0606 U	**26.7 J**	**0.142 J**	0.0516 U	**7.13 J**	**0.0615 J**	NA	NA	**0.104 J**	**1.02 J**
	Aroclor 1260	2	2	3	3	2	1	0.0577 U	0.0557 U	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	0.0526 U	NA	NA	0.0585 U	0.0538 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.0953 J**	**0.489 J**	0.0606 U	**26.7 J**	**0.142 J**	0.0516 U	**7.13 J**	**0.0615 J**	NA	NA	**0.104 J**	**1.02 J**
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	2.68 U	NA	NA	2.94 U	**10.9**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	**28.2**	NA	NA	**20.0**	**1,280**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.31 U	**0.55**	0.31 U	**1.21**	**0.32**	**0.82**	NA	0.27 U	NA	NA	0.30 U	**0.63**
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	**3.64**	NA	NA	**4.57**	**492**
	Lead	300	300	300	300	300	N/A	**52.2**	**134**	**26.3**	**1,460**	**82.8**	**273**	**281**	**45.8**	NA	NA	**10.0**	**216**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																			
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																			
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HH-13AA			HH-13B		HH-13BB		HH-13C		HH-13CC		HH-13D		
							Sample Depth (ft.):	1-3	1-3	3.5-4	0-1	1-3	1-3	3-4	0-1	1-3	1-3	3-4	0-1	1-3	1-3
							Sample Date:	5/20/2009	5/20/2009	5/20/2009	3/11/2009	3/11/2009	5/20/2009	5/20/2009	3/11/2009	3/11/2009	5/20/2009	5/20/2009	3/11/2009	3/11/2009	3/11/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA		Field Dup												Field Dup
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	0.222 U	0.198 U	NA	NA	0.193 U	**0.675**	NA	NA	0.192 U	0.409 U	0.429 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	0.222 U	**0.443**	NA	NA	0.193 U	**1.85**	NA	NA	0.192 U	**0.421**	**0.448**
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	0.222 U	0.198 U	NA	NA	0.193 U	0.538 U	NA	NA	0.192 U	0.409 U	0.429 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**0.294**	**0.754**	NA	NA	0.193 U	**4.31**	NA	NA	0.192 U	**1.03**	**1.20**
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	**0.621**	**1.37**	NA	NA	0.193 U	**8.08**	NA	NA	0.192 U	**2.43**	**3.00**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	**0.528**	**1.17**	NA	NA	0.193 U	**6.85**	NA	NA	0.192 U	**2.14**	**2.69**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	**0.672**	**1.42**	NA	NA	0.193 U	**9.60**	NA	NA	0.192 U	**2.74**	**3.61**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**0.281**	**0.564**	NA	NA	0.193 U	**2.61**	NA	NA	0.192 U	**0.973**	**1.13**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	**0.250**	**0.513**	NA	NA	0.193 U	**3.67**	NA	NA	0.192 U	**1.09**	**1.34**
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	**0.621**	**1.34**	NA	NA	0.193 U	**8.23**	NA	NA	0.192 U	**2.40**	**3.01**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	0.222 U	0.198 U	NA	NA	0.193 U	**0.822**	NA	NA	0.192 U	0.409 U	0.429 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**1.09**	**2.53**	NA	NA	0.193 U	**17.6**	NA	NA	0.192 U	**4.41**	**5.32**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	0.222 U	**0.366**	NA	NA	0.193 U	**2.21**	NA	NA	0.192 U	**0.456**	**0.484**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	**0.341**	**0.714**	NA	NA	0.193 U	**3.49**	NA	NA	0.192 U	**1.28**	**1.43**
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	0.222 U	0.198 U	NA	NA	0.193 U	**0.982**	NA	NA	0.192 U	0.409 U	0.429 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	**1.23**	**3.10**	NA	NA	0.193 U	**21.0**	NA	NA	0.192 U	**4.04**	**4.94**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**1.08**	**2.62**	NA	NA	0.193 U	**11.8**	NA	NA	0.192 U	**3.88**	**4.52**
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	0.0636 U	0.0547 U	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	1.31 U	0.634 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	0.0636 U	0.0547 U	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	1.31 U	0.634 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	0.0636 U	0.0547 U	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	1.31 U	0.634 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	0.0636 U	0.0547 U	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	1.31 U	0.634 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	0.0636 U	0.0547 U	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	**18.1 J**	**4.67 J**
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	**0.833 J**	**0.210 J**	NA	NA	**0.142 J**	**0.113 J**	NA	NA	**0.67 J**	**27.9 J**	**20.7 J**
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	0.0636 U	0.0547 U	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	1.31 U	**3.08 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	**0.833 J**	**0.210 J**	NA	NA	**0.142 J**	**0.113 J**	NA	NA	**0.67 J**	**46.0 J**	**28.45 J**
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	**40.0**	2.97 U	NA	NA	2.90 U	**31.9**	NA	NA	2.88 U	**16.7**	**14.5**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	**7,920**	**142**	NA	NA	**41.9**	**6,780**	NA	NA	**27.7**	**3,850**	**3,330**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	**2.01**	**0.37**	NA	NA	0.29 U	**40.6**	NA	NA	**0.48**	**7.47**	**8.09**
	Chromium	30	30	200	200	30	N/A	**350**	**390**	**200**	**1,960**	**17.2**	**220**	**87**	**6.74**	**384**	**750**	**3,800**	**5.52**	**594**	**496**
	Lead	300	300	300	300	300	N/A	NA	NA	NA	**543**	**72.3**	NA	NA	**21.9**	**3,250**	NA	NA	**18.4**	**987**	**982**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	**1.3**	**4.4**	1.0 U	NA	NA	0.45 U	1.0 U	NA	NA	**0.48**	0.39 U	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	**170**	**250**	**250**	NA	NA	**200**	**200**	NA	NA	**240**	**120**	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	**7.0**	**7.1**	**7.4**	NA	NA	**6.7**	**7.3**	NA	NA	**6.0**	**6.7**	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte							HH-13DD		HH-13E		HH-13F		HH-13G		HH-13H		HH-13I	HH-13J	HH-30A
							Sample Depth (ft.):	1-3	3.5-4	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3
							Sample Date:	5/20/2009	5/20/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	4/8/2009	4/8/2009	4/2/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA													
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.195**
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	0.636 U	NA	NA	NA	NA	NA	NA	NA	0.591 U	0.0524 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	0.636 U	NA	NA	NA	NA	NA	NA	NA	0.591 U	0.0524 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	0.636 U	NA	NA	NA	NA	NA	NA	NA	0.591 U	0.0524 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	0.636 U	NA	NA	NA	NA	NA	NA	NA	0.591 U	0.0524 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	0.636 U	NA	NA	NA	NA	NA	NA	NA	0.591 U	0.0524 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	**15.7 J**	NA	NA	NA	NA	NA	NA	NA	**12.4 J**	**0.0702 J**
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	**7.37 J**	NA	NA	NA	NA	NA	NA	NA	0.591 U	0.0524 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	**23.07 J**	NA	NA	NA	NA	NA	NA	NA	**12.4 J**	**0.0702 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	2.93 U	**29.9**	2.86 U	**3.74**	**3.62**	**14.0**	**3.10**	2.65 U	NA	**31.5**	2.62 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**232**	**2,460**	**110**	**443**	**226**	**3,390**	**48.3**	**26**	**639**	**12,800**	**15.4**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	0.30 U	**4.95**	0.29 U	**0.52**	**0.49**	**2.15**	**0.49**	0.27 U	**3.20**	**13.3**	0.27 U
	Chromium	30	30	200	200	30	N/A	**230**	**310**	**10.6**	**7,800**	**12.0**	**35.5**	**15.1**	**182**	**42.4**	**2.90**	**84.9**	**640**	**2.39**
	Lead	300	300	300	300	300	N/A	NA	NA	**36.2**	**501**	**32.6**	**119**	**146**	**136**	**79.4**	**7.45**	NA	**2,070**	**8.29**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	1.1 U	**2.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	**170**	**160**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	**7.6**	**7.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HI-10A		HI-10B		HI-10C		HI-10E	HJ-10A	HJ-10B	HJ-10C		HJ-10D	
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-2	1-3	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA													
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.190 U	0.126 U	0.366 U	0.0577 U	0.0589 U	0.0560 U	0.0620 UJ	0.0579 UJ	0.0607 UJ	0.176 U	0.684 U	0.0633 U	0.0748 U
	Aroclor 1221	2	2	3	3	2	1	0.190 U	0.126 U	0.366 U	0.0577 U	0.0589 U	0.0560 U	0.0620 UJ	0.0579 UJ	0.0607 UJ	0.176 U	0.684 U	0.0633 U	0.0748 U
	Aroclor 1232	2	2	3	3	2	1	0.190 U	0.126 U	0.366 U	0.0577 U	0.0589 U	0.0560 U	0.0620 UJ	0.0579 UJ	0.0607 UJ	0.176 U	0.684 U	0.0633 U	0.0748 U
	Aroclor 1242	2	2	3	3	2	1	0.190 U	0.126 U	0.366 U	0.0577 U	0.0589 U	0.0560 U	0.0620 UJ	0.0579 UJ	0.0607 UJ	0.176 U	0.684 U	0.0633 U	0.0748 U
	Aroclor 1248	2	2	3	3	2	1	0.190 U	0.126 U	0.366 U	0.0577 U	0.0589 U	0.0560 U	0.0620 UJ	0.0579 UJ	0.0607 UJ	0.176 U	0.684 U	0.0633 U	0.0748 U
	Aroclor 1254	2	2	3	3	2	1	**2.95 J**	**1.80 J**	**6.02 J**	**0.743 J**	**1.14 J**	**0.756 J**	**0.800 J**	**0.364 J**	**0.963 J**	**1.89 J**	**10.2 J**	**0.103 J**	**0.696 J**
	Aroclor 1260	2	2	3	3	2	1	0.190 U	0.126 U	0.366 U	**0.297 J**	**0.328 J**	0.0560 U	**0.161 J**	**0.193 J**	**0.254 J**	0.176 U	0.684 U	**0.0787 J**	**0.313 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**2.95 J**	**1.80 J**	**6.02 J**	**1.04 J**	**1.468 J**	**0.756 J**	**0.961 J**	**0.557 J**	**1.217 J**	**1.89 J**	**10.2 J**	**0.1817 J**	**1.009 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.52**	**14.9**	**0.55**	**19.2**
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**17.6**	**332**	**19.3**	**368**
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**98.5**	**2,690**	**106**	**3,120**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HJ-10F		HJ-25A	HJ-42A		HJ-42B		HJ-42C		HJ-42D		HRC-33A	
							Sample Depth (ft.):	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	3/11/2009	3/11/2009	4/1/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/1/2009	4/1/2009	2/27/2009	2/27/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA													
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.143 U	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	0.0539 U	0.0527 U	0.0639 U	0.0532 U	0.0572 U	0.120 U	0.566 U
	Aroclor 1221	2	2	3	3	2	1	0.143 U	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	0.0539 U	0.0527 U	0.0639 U	0.0532 U	0.0572 U	0.120 U	0.566 U
	Aroclor 1232	2	2	3	3	2	1	0.143 U	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	0.0539 U	0.0527 U	0.0639 U	0.0532 U	0.0572 U	0.120 U	0.566 U
	Aroclor 1242	2	2	3	3	2	1	0.143 U	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	0.0539 U	0.0527 U	0.0639 U	0.0532 U	0.0572 U	0.120 U	0.566 U
	Aroclor 1248	2	2	3	3	2	1	0.143 U	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	0.0539 U	0.0527 U	0.0639 U	0.0532 U	0.0572 U	0.120 U	0.566 U
	Aroclor 1254	2	2	3	3	2	1	**1.93 J**	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	**0.125 J**	0.0527 U	**0.676 J**	0.0532 U	**0.136 J**	**1.44 J**	**14.8 J**
	Aroclor 1260	2	2	3	3	2	1	**0.857 J**	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	**0.121 J**	0.0527 U	**0.190 J**	0.0532 U	0.0572 U	**0.495 J**	**4.54 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**2.787 J**	0.0658 U	0.0510 U	0.0561 U	0.0540 U	0.0536 U	**0.246 J**	0.0527 U	**0.866 J**	0.0532 U	**0.136 J**	**1.935 J**	**19.34 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	2.69 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**6.73**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**3.06**	0.34 U	0.27 U	0.28 U	0.27 U	0.30 U	0.28 U	0.27 U	**2.66**	0.27 U	0.28 U	NA	NA
	Chromium	30	30	200	200	30	N/A	**133**	**11.8**	**2.02**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**922**	**8.69**	**3.19**	**7.41**	**4.06**	**8.36**	**26.4**	**6.83**	**247**	**12.3**	**16.8**	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HRC-33B		HRC-33C		HRC-33D			HRC-33E		HRC-33F		HRC-33I	HRC-33J
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	1-3	1-3
							Sample Date:	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	3/24/2009	3/24/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA							Field Dup						
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0616 U	0.0583 U	0.126 U	0.0607 U	0.0641 U	0.184 U	0.0586 U	0.0642 U	0.562 U	0.0706 U	0.580 U	0.153 U	0.112 U
	Aroclor 1221	2	2	3	3	2	1	0.0616 U	0.0583 U	0.126 U	0.0607 U	0.0641 U	0.184 U	0.0586 U	0.0642 U	0.562 U	0.0706 U	0.580 U	0.153 U	0.112 U
	Aroclor 1232	2	2	3	3	2	1	0.0616 U	0.0583 U	0.126 U	0.0607 U	0.0641 U	0.184 U	0.0586 U	0.0642 U	0.562 U	0.0706 U	0.580 U	0.153 U	0.112 U
	Aroclor 1242	2	2	3	3	2	1	0.0616 U	0.0583 U	0.126 U	0.0607 U	0.0641 U	0.184 U	0.0586 U	0.0642 U	0.562 U	0.0706 U	0.580 U	0.153 U	0.112 U
	Aroclor 1248	2	2	3	3	2	1	0.0616 U	0.0583 U	0.126 U	0.0607 U	0.0641 U	0.184 U	0.0586 U	0.0642 U	0.562 U	0.0706 U	0.580 U	0.153 U	0.112 U
	Aroclor 1254	2	2	3	3	2	1	**1.01 J**	**1.25 J**	**1.77 J**	**0.446 J**	**0.730 J**	**2.87 J**	**0.245 J**	**0.141 J**	**12.3 J**	**0.691 J**	**11.9 J**	**3.20 J**	**1.60 J**
	Aroclor 1260	2	2	3	3	2	1	**0.468 J**	0.0583 U	**0.755 J**	0.0607 U	**0.265 J**	**0.928 J**	0.0586 U	**0.0872 J**	**2.92 J**	**0.344 J**	**2.49 J**	**0.913 J**	**0.208 J**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**1.478 J**	**1.25 J**	**2.525 J**	**0.446 J**	**0.995 J**	**3.798 J**	**0.245 J**	**0.2282 J**	**15.22 J**	**1.035 J**	**14.39 J**	**4.113 J**	**1.808 J**
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HRC-33L		HRC-33M		HRC-33N		HRE-10	HRE-29	HRF-30A	HRG-12A	HRG-14A	HRG-17	HRG-25	HRG-27
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
							Sample Date:	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	3/31/2009	4/7/2009	4/7/2009	4/1/2009	4/1/2009	4/7/2009	4/7/2009	4/7/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.213 U	0.207 U	0.207 U	**0.477**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	0.190 U	0.188 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.213 U	0.207 U	0.207 U	**0.633**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	0.190 U	0.188 U
	Acenaphthylene	600	10	600	10	1	N/A	0.213 U	**0.243**	0.207 U	0.208 U	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**0.193**	0.188 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	**0.828**	**0.366**	**0.939**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**0.658**	0.188 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.315**	**2.21**	**1.48**	**2.52**	**0.326**	**3.90**	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**1.86**	0.188 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.323**	**2.04**	**1.48**	**2.39**	**0.346**	**3.25**	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**1.73**	0.188 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.370**	**2.66**	**1.80**	**3.04**	**0.366**	**4.02**	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**1.85**	0.188 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	**0.797**	**0.735**	**1.11**	**0.286**	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**1.02**	0.188 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.213 U	**0.975**	**0.655**	**1.09**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**0.710**	0.188 U
	Chrysene	70	70	400	400	70	N/A	**0.338**	**2.24**	**1.66**	**2.90**	**0.355**	**4.22**	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**2.36**	0.188 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.213 U	**0.228**	**0.211**	**0.301**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**0.321**	0.188 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.463**	**3.83**	**2.03**	**6.21**	**0.522**	**6.33**	0.177 U	0.183 U	**0.230**	0.175 U	0.177 U	0.182 U	**3.11**	0.188 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.213 U	**0.317**	0.207 U	**0.736**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**0.386**	0.188 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.225**	**1.05**	**0.877**	**1.43**	**0.290**	**2.13**	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	**1.26**	0.188 U
	Naphthalene	40	500	40	1,000	4	N/A	0.213 U	0.207 U	0.207 U	**0.932**	0.207 U	2.03 U	0.177 U	0.183 U	0.191 U	0.175 U	0.177 U	0.182 U	0.190 U	0.188 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.315**	**4.16**	**2.02**	**6.51**	**0.297**	**8.01**	0.177 U	0.183 U	**0.234**	0.175 U	0.177 U	0.182 U	**4.38**	0.188 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.619**	**4.10**	**2.63**	**3.97**	**0.715**	**7.44**	0.177 U	0.183 U	**0.370**	0.175 U	0.177 U	0.182 U	**4.37**	0.188 U
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0500 U	0.0527 U	0.0539 U	0.0520 U	0.0520 U	0.0524 U	0.0559 U	0.0548 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0500 U	0.0527 U	0.0539 U	0.0520 U	0.0520 U	0.0524 U	0.0559 U	0.0548 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0500 U	0.0527 U	0.0539 U	0.0520 U	0.0520 U	0.0524 U	0.0559 U	0.0548 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0500 U	0.0527 U	0.0539 U	0.0520 U	0.0520 U	0.0524 U	0.0559 U	0.0548 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0500 U	0.0527 U	0.0539 U	0.0520 U	0.0520 U	0.0524 U	0.0559 U	0.0548 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0500 U	0.0527 U	**0.234 J**	0.0520 U	0.0520 U	**0.162 J**	0.0559 U	0.0548 U
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	**0.521 J**	0.0527 U	0.0539 U	0.0520 U	0.0520 U	0.0524 U	0.0559 U	0.0548 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	**0.521 J**	0.0527 U	**0.234 J**	0.0520 U	0.0520 U	**0.162 J**	0.0559 U	0.0548 U
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**4.74**	**11.0**	**5.19**	**5.40**	**4.24**	**10.1**	2.65 U	2.74 U	2.86 U	2.62 U	2.66 U	2.72 U	**9.74**	2.81 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**111**	**229**	**209**	**122**	**120**	**349**	**19.3**	**6.64**	**11.1**	**28.1**	**6.91**	**9.14**	**74.8**	**15.2**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.74**	**1.97**	**4.08**	**1.61**	**0.80**	**11.3**	0.27 U	0.28 U	0.29 U	0.27 U	0.27 U	0.28 U	**0.53**	0.29 U
	Chromium	30	30	200	200	30	N/A	**9.88**	**15.8**	**14.6**	**14.2**	**11.1**	**28.3**	**4.28**	**1.96**	**2.13**	**3.04**	**2.31**	**2.20**	**8.61**	**2.84**
	Lead	300	300	300	300	300	N/A	**322**	**979**	**834**	**780**	**517**	**10,000**	**11.3**	**3.51**	**5.77**	**4.12**	**1.75**	**11.6**	**315**	**7.06**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HRG-29		HRI-17	HRK-21	HRK-33A	HRM-23	HRN-26	HRO-30	PG-2A	SB-270A		SB-270B	
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	4/7/2009	4/7/2009	4/7/2009	4/7/2009	4/2/2009	4/7/2009	4/7/2009	4/7/2009	4/7/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA		Field Dup											
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.191 U	0.188 U	0.196 U	0.255 U	0.212 U	0.219 U	0.212 U	**1.27**	0.185 U	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.191 U	0.188 U	0.196 U	**0.332**	0.212 U	0.219 U	0.212 U	**1.27**	0.185 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.191 U	0.188 U	0.196 U	0.255 U	0.212 U	0.219 U	0.212 U	0.378 U	0.185 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.191 U	0.188 U	**0.613**	**0.972**	**0.257**	0.219 U	**0.405**	**4.12**	0.185 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.511**	**0.540**	**1.97**	**1.72**	**1.00**	**0.771**	**0.958**	**10.3**	0.185 U	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.528**	**0.472**	**1.89**	**1.51**	**1.21**	**0.830**	**0.816**	**8.37**	0.185 U	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.571**	**0.452**	**2.13**	**1.76**	**1.55**	**0.887**	**0.916**	**8.97**	0.185 U	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**0.506**	**0.389**	**0.865**	**0.902**	**0.634**	**0.501**	**0.623**	**2.68**	0.185 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**0.222**	0.188 U	**0.851**	**0.657**	**0.608**	**0.363**	**0.345**	**3.53**	0.185 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**0.572**	**0.602**	**2.01**	**1.84**	**1.20**	**0.797**	**1.09**	**10.4**	0.185 U	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.191 U	0.188 U	**0.266**	**0.273**	0.212 U	0.219 U	0.212 U	0.378 U	0.185 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.782**	**0.701**	**3.12**	**3.47**	**2.57**	**1.01**	**1.60**	**17.0**	0.185 U	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.191 U	0.188 U	0.196 U	**0.453**	0.212 U	0.219 U	0.212 U	**1.98**	0.185 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.548**	**0.418**	**1.16**	**1.17**	**0.739**	**0.656**	**0.755**	**3.41**	0.185 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.191 U	0.188 U	0.196 U	**0.367**	0.212 U	0.219 U	0.212 U	**0.621**	0.185 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.768**	**0.788**	**2.60**	**4.69**	**1.42**	**0.687**	**1.96**	**22.2**	0.185 U	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**1.28**	**1.31**	**3.64**	**3.59**	**1.87**	**1.36**	**2.11**	**26.7**	0.185 U	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0561 U	0.0578 U	0.0587 U	0.0655 U	0.0607 U	0.0557 U	0.0617 U	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0561 U	0.0578 U	0.0587 U	0.0655 U	0.0607 U	0.0557 U	0.0617 U	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0561 U	0.0578 U	0.0587 U	0.0655 U	0.0607 U	0.0557 U	0.0617 U	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0561 U	0.0578 U	0.0587 U	0.0655 U	0.0607 U	0.0557 U	0.0617 U	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0561 U	0.0578 U	0.0587 U	0.0655 U	0.0607 U	0.0557 U	0.0617 U	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	0.0561 U	0.0578 U	**0.0940 J**	0.0655 U	**0.148 J**	0.0557 U	0.0617 U	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0561 U	0.0578 U	0.0587 U	0.0655 U	0.0607 U	0.0557 U	**0.128 J**	0.0605 U	0.0558 U	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0561 U	0.0578 U	**0.0940 J**	0.0655 U	**0.148 J**	0.0557 U	**0.128 J**	0.0605 U	0.0558 U	NA	NA	NA	NA
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	2.86 U	2.81 U	**3.74**	**8.02**	**65.2**	**7.13**	**10.8**	**8.37**	2.78 U	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**29.6**	**26.4**	**106**	**223**	**984**	**255**	**581**	**122**	**7.39**	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.29 U	0.29 U	**0.46**	**1.45**	**1.85**	**0.46**	**0.46**	**0.89**	0.28 U	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**11.0**	**3.90**	**6.57**	**8.23**	**17.90**	**8.80**	**15.1**	**9.50**	**2.74**	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**84.2**	**56.2**	**218**	**96.6**	**1,150**	**214**	**587**	**189**	**3.64**	**430**	**550**	**520**	**600**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-270D		SB-270E		SB-270F		SB-270H		SB-270I	SB-270J	SB-270K	SB-270M	SB-270Q	SB-270U
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3
							Sample Date:	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	6/16/2009	6/16/2009	6/16/2009	7/6/2009	7/6/2009	7/6/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**580**	**660**	**240**	**650**	**150**	**400**	**57**	**710**	**860**	**240**	**750**	**610**	**930**	**330**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-308A	SB-308B		SB-308C		SB-308D		SB-308F	SB-308H	SB-308I
							Sample Depth (ft.):	3-4	3	4	3	5	3	5	3-4	3-4	3-4
							Sample Date:	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/20/2009	5/20/2009	5/21/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA										
PAHs																	
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	**1.0**	0.20 U	0.20 U	0.18 U	0.65 U	0.37 U	0.67 U	0.19 U	0.37 U	0.19 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	**2.3**	0.20 U	0.20 U	0.18 U	0.65 U	0.37 U	0.67 U	0.19 U	0.37 U	0.19 U
	Acenaphthylene	600	10	600	10	1	N/A	0.19 U	0.20 U	0.20 U	0.18 U	0.65 U	0.37 U	0.67 U	**0.64**	0.37 U	0.19 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**3.9**	0.20 U	**0.50**	**0.24**	0.65 U	**0.48**	0.67 U	**0.84**	0.37 U	**0.34**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**5.1**	**0.38**	**1.9**	**0.36**	**0.86**	**1.7**	0.67 U	**3.9**	0.37 U	**0.63**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**4.2**	**0.34**	**1.5**	**0.32**	**0.82**	**1.6**	0.67 U	**4.5**	0.37 U	**0.49**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**4.5**	**0.40**	**1.2**	**0.43**	**1.2**	**1.9**	0.67 U	**4.8**	0.37 U	**0.62**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**2.6**	**0.22**	**0.78**	0.18 U	0.65 U	**0.77**	0.67 U	**1.7**	0.37 U	**0.53**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**2.0**	0.20 U	**0.49**	0.18 U	0.65 U	**0.79**	0.67 U	**1.9**	0.37 U	**0.26**
	Chrysene	70	70	400	400	70	N/A	**5.1**	**0.37**	**2.2**	**0.34**	**0.81**	**1.6**	0.67 U	**4.1**	0.37 U	**0.66**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	**0.61**	0.20 U	0.20 U	0.18 U	0.65 U	0.37 U	0.67 U	**0.46**	0.37 U	**0.21**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**11**	**0.64**	**2.2**	**0.57**	**1.4**	**2.8**	0.67 U	**7.5**	0.37 U	**1.6**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	**2.9**	0.20 U	0.20 U	0.18 U	0.65 U	0.37 U	0.67 U	**0.20**	0.37 U	0.19 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**3.2**	**0.22**	**0.81**	0.18 U	0.65 U	**0.98**	0.67 U	**2.0**	**0.50**	**0.59**
	Naphthalene	40	500	40	1,000	4	N/A	**1.4**	0.20 U	0.20 U	**0.20**	0.65 U	0.37 U	0.67 U	**0.29**	0.37 U	**0.32**
	Phenanthrene	500	500	1,000	1,000	10	N/A	**17**	**0.76**	**2.2**	**0.79**	**1.7**	**1.8**	0.67 U	**4.2**	0.37 U	**1.3**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**11**	**0.62**	**4.2**	**0.51**	**0.91**	**2.6**	0.67 U	**8.6**	0.37 U	**1.4**
PCBs																	
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																	
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																	
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																	
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-359					SB-360					SB-360A	SB-360B	SB-360C	
							Sample Depth (ft.):	0-1	1-3	4	8	12	0-1	1-3	1-3	5	8	1-3	1-3	1-3	1-3
							Sample Date:	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/24/2009	3/24/2009	3/24/2009	3/24/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								Field Dup						Field Dup
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.353**	0.230 U	**0.255**	1.41 U	NA	**0.270**	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.276**	0.230 U	**0.290**	1.41 U	NA	**0.281**	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.345**	0.230 U	**0.514**	1.41 U	NA	**0.376**	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**0.389**	0.230 U	**0.298**	1.41 U	NA	**0.331**	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.572**	0.230 U	**0.382**	1.41 U	NA	**0.611**	0.229 U	**0.367**	0.301 U	0.230 U	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.204 U	0.230 U	**0.246**	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.530**	0.230 U	0.241 U	1.41 U	NA	**0.441**	**0.234**	**0.256**	0.301 U	0.230 U	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.543**	0.230 U	**0.366**	1.41 U	NA	**0.502**	0.229 U	**0.334**	0.301 U	0.230 U	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0575 U	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0575 U	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0575 U	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0575 U	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0575 U	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	**0.634 J**	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	**0.0635 J**	0.0558 U	0.0599 U	0.395 UJ	NA	**0.163 J**	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.0635 J**	0.0558 U	0.0599 U	0.395 UJ	NA	**0.797 J**	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.039**	**0.056**	**0.959**	0.150 U	0.012 U	**0.261**	**0.074**	**0.044**	**0.275**	**0.016**	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	4.88 U	5.51 U	5.78 U	33.7 U	5.03 U	4.94 U	5.50 U	5.66 U	7.23 U	5.51 U	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**4.15**	**6.07**	**65.5**	**195**	3.15 U	3.09 U	**12.4**	**11.3**	**14.5**	3.45 U	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**31.6**	**76.1**	**391**	**1,490**	**8.27**	6.17 U	**867**	**2,750**	**760**	**10.0**	**4,060**	**2,170**	**403**	**488**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.35 U	**0.86**	**5.13**	0.32 U	0.31 U	**1.45**	**1.12**	**0.97**	0.35 U	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.31 U	0.35 U	**2.33**	**8.81**	0.32 U	0.31 U	**0.59**	**0.48**	**1.21**	0.35 U	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**8.34**	**13.7**	**15.2**	**92.5**	**4.21**	0.62 U	**15.9**	**39.2**	**16.6**	**4.30**	**54.0**	**17.2**	**12.8**	**13.2**
	Lead	300	300	300	300	300	N/A	**129**	**49.6**	**802**	**2,710**	**2.18**	0.93 U	**8,110**	**39,600**	**6,870**	**5.53**	**20,200**	**26,700**	**350**	**422**
	Nickel	20	20	700	700	20	N/A	**4.25**	**7.89**	**18.4**	**94.1**	**3.14**	0.62 U	**18.8**	**14.6**	**21.5**	**4.54**	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	6.10 U	6.89 U	**28.1**	**99.4**	6.29 U	6.17 U	6.87 U	7.08 U	9.03 U	6.89 U	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	0.61 U	0.69 U	0.73 U	4.21 U	0.63 U	0.62 U	0.69 U	0.71 U	0.91 U	0.69 U	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	3.66 U	4.14 U	4.33 U	25.3 U	3.77 U	3.70 U	4.13 U	4.25 U	5.42 U	4.14 U	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**9.97**	**22.3**	**32.5**	**174**	6.29 U	6.17 U	**37.1**	**24.7**	**49.4**	6.89 U	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**58.9**	**89.6**	**772**	**2,980**	**13.8**	**1.59**	**712**	**577**	**423**	**30.7**	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-360D	SB-360E	SB-360F	SB-360G	SB-360I	SB-360J	SB-360K	SB-360L	SB-360M	SB-360O	SB-360Q	SB-360R	SB-360S	SB-360U
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
							Sample Date:	3/4/2009	3/24/2009	3/24/2009	3/24/2009	5/21/2009	5/21/2009	5/21/2009	5/21/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**376**	**1,050**	**1,250**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**10.7**	**21.0**	**74.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**148**	**8,550**	**1,070**	**590**	**4,600**	**530**	**890**	**470**	**860**	**500**	**1,200**	**650**	**380**	**9,800**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-360V	SB-360W	SB-360X		SB-361			SB-362				SB-363		
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	0-1	1-3	6.5	0-1	1-3	5	6.5	0-1	1-3	5
							Sample Date:	7/6/2009	7/6/2009	8/19/2009	8/19/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA				Field Dup										
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.395**	0.221 U	**0.246**	0.507 U	0.459 U	0.195 U	0.184 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.348**	0.221 U	**0.215**	0.507 U	0.459 U	0.195 U	0.184 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.410**	0.221 U	**0.244**	0.507 U	0.459 U	0.195 U	0.184 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.417**	0.221 U	**0.272**	0.507 U	0.459 U	0.195 U	0.184 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.696**	**0.343**	**0.431**	0.507 U	**0.640**	0.195 U	0.184 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.192**	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	0.192 U	0.221 U	0.214 U	0.507 U	0.459 U	0.195 U	0.184 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.621**	**0.264**	**0.501**	0.507 U	**0.607**	0.195 U	0.184 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.174 U	0.176 U	0.178 U	**0.793**	**0.270**	**0.530**	0.507 U	**0.573**	0.195 U	0.184 U
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	**0.509 J**	**0.0904 J**	**0.154 J**	0.155 U	**0.283 J**	0.0582 U	0.0528 U
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	0.0526 U	0.0531 U	0.0532 U	**0.509 J**	**0.0904 J**	**0.154 J**	0.155 U	**0.283 J**	0.0582 U	0.0528 U
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	**0.016**	0.012 U	0.016 U	**0.213**	**0.088**	**0.120**	**0.183**	**0.211**	**0.048**	0.016 U
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	4.18 U	4.22 U	4.27 U	4.60 U	5.30 U	5.13 U	12.2 U	5.51 U	4.66 U	4.40 U
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	2.61 U	2.64 U	2.67 U	**5.37**	**9.86**	**6.59**	**12.6**	**5.18**	**4.48**	2.75 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**12.1**	**6.42**	**8.99**	**173**	**271**	**269**	**135**	**187**	**16.9**	**8.77**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	0.27 U	0.27 U	0.27 U	0.29 U	**1.11**	**0.70**	**1.56**	0.35 U	0.30 U	0.28 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	0.27 U	0.27 U	0.27 U	**0.84**	**0.59**	**1.35**	**5.77**	**2.78**	0.30 U	0.28 U
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	**2.70**	**1.68**	**3.02**	**15.0**	**21.5**	**18.8**	**47.7**	**34.1**	**10.8**	**3.63**
	Lead	300	300	300	300	300	N/A	**320**	**210**	**630**	**750**	**11.7**	**2.12**	**3.67**	**277**	**487**	**448**	**319**	**292**	**5.35**	**1.00**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	**2.19**	**1.90**	**2.79**	**9.37**	**18.0**	**10.5**	**40.3**	**8.03**	**5.02**	**2.36**
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	5.22 U	5.27 U	5.34 U	5.75 U	6.62 U	6.42 U	15.2 U	6.88 U	5.83 U	5.50 U
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	0.53 U	0.53 U	0.54 U	0.58 U	0.67 U	0.65 U	1.52 U	0.69 U	0.59 U	0.55 U
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	3.13 U	3.16 U	3.21 U	3.45 U	3.97 U	3.85 U	9.12 U	4.13 U	3.50 U	3.30 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	5.22 U	5.27 U	5.34 U	**18.3**	**25.1**	**19.4**	**17.8**	**24.4**	**14.3**	**5.62**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	**12.6**	**6.73**	**12.0**	**191**	**99.6**	**264**	**703**	**181**	**20.7**	**7.66**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti.	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-364				SB-365						SB-366			
							Sample Depth (ft.):	0-1	1-3	6	9.5	0-1	1-3	5-7	5-7	9	12	1	1-3	4	7
							Sample Date:	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	2/26/2009	2/26/2009	2/26/2009	2/26/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								Field Dup						
PAHs																					
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.202 U	0.174 U	**2.32**	0.497 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.202 U	0.174 U	**4.16**	0.497 U	0.188 U	0.178 U	0.415 U	**0.970**	0.897 U	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.202 U	0.174 U	**0.785**	0.497 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.202 U	0.174 U	**16.8**	0.497 U	0.188 U	0.178 U	0.415 U	**2.11**	0.897 U	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.202 U	0.174 U	**27.1**	**0.746**	0.188 U	0.178 U	**0.575**	**3.52**	0.897 U	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.202 U	0.174 U	**21.3**	**0.532**	0.188 U	0.178 U	**0.503**	**2.91**	0.897 U	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.202 U	0.174 U	**23.4**	**0.866**	0.188 U	0.178 U	**0.717**	**4.24**	0.897 U	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.202 U	0.174 U	**8.46**	0.497 U	0.188 U	0.178 U	0.415 U	**0.963**	0.897 U	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.202 U	0.174 U	**10.0**	0.497 U	0.188 U	0.178 U	0.415 U	**1.61**	0.897 U	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.202 U	0.174 U	**24.4**	**0.790**	0.188 U	0.178 U	**0.624**	**3.46**	0.897 U	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.202 U	0.174 U	**1.61**	0.497 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.202 U	0.174 U	**46.9**	**1.57**	0.188 U	0.178 U	**1.01**	**7.37**	0.897 U	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.202 U	0.174 U	**5.09**	0.497 U	0.188 U	0.178 U	0.415 U	**1.19**	0.897 U	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.202 U	0.174 U	**11.1**	0.497 U	0.188 U	0.178 U	0.415 U	**1.21**	0.897 U	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.202 U	0.174 U	**3.37**	0.497 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.202 U	0.174 U	**59.6**	**1.18**	0.188 U	0.178 U	**1.69**	**9.22**	0.897 U	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.202 U	0.174 U	**57.3**	**1.25**	0.188 U	0.178 U	**1.00**	**5.67**	0.897 U	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.0574 U	0.0518 U	0.0612 U	0.0626 U	0.266 UJ	0.0576 U	0.0632 U	0.0558 U	0.0587 U	0.220 UJ
	Aroclor 1221	2	2	3	3	2	1	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.0574 U	0.0518 U	0.0612 U	0.0626 U	0.266 UJ	0.0576 U	0.0632 U	0.0558 U	0.0587 U	0.220 UJ
	Aroclor 1232	2	2	3	3	2	1	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.0574 U	0.0518 U	0.0612 U	0.0626 U	0.266 UJ	0.0576 U	0.0632 U	0.0558 U	0.0587 U	0.220 UJ
	Aroclor 1242	2	2	3	3	2	1	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.0574 U	0.0518 U	0.0612 U	0.0626 U	0.266 UJ	0.0576 U	0.0632 U	0.0558 U	0.0587 U	0.220 UJ
	Aroclor 1248	2	2	3	3	2	1	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.0574 U	0.0518 U	0.0612 U	0.0626 U	0.266 UJ	0.0576 U	0.0632 U	0.0558 U	0.0587 U	0.220 UJ
	Aroclor 1254	2	2	3	3	2	1	0.0553 U	0.0516 U	**1.70 J**	0.208 UJ	0.0574 U	0.0518 U	**0.329 J**	**0.501 J**	0.266 UJ	0.0576 U	**0.282 J**	**0.238 J**	0.0587 U	0.220 UJ
	Aroclor 1260	2	2	3	3	2	1	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.0574 U	0.0518 U	0.0612 U	**0.189 J**	0.266 UJ	0.0576 U	0.0632 U	**0.107 J**	0.0587 U	0.220 UJ
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0553 U	0.0516 U	**1.70 J**	0.208 UJ	0.0574 U	0.0518 U	**0.329 J**	**0.690 J**	0.266 UJ	0.0576 U	**0.282 J**	**0.345 J**	0.0587 U	0.220 UJ
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.040**	0.017 U	**0.322**	**0.144**	**0.049**	0.014 U	**0.606**	**0.658**	**0.163**	NA	**0.051**	**0.016**	**0.420**	**0.134**
	Antimony	20	20	30	30	20	N/A	4.83 U	4.18 U	4.98 U	12.0 U	4.50 U	4.27 U	4.98 U	6.40 U	21.6 U	NA	5.25 U	4.28 U	4.77 U	16.0 U
	Arsenic	20	20	20	20	20	N/A	3.02 U	2.61 U	**10.8**	7.45 U	2.82 U	2.67 U	**15.3**	**53.4**	13.5 U	NA	**3.68**	2.68 U	**12.0**	9.97 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**16.5**	**8.58**	**533**	**178**	**17.7**	**10.9**	**1,500**	**755**	**181**	NA	**40.4**	**21.7**	**783**	**153**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.27 U	0.32 U	0.75 U	0.29 U	0.27 U	0.32 U	0.40 U	1.35 U	NA	0.33 U	0.27 U	**0.64**	1.00 U
	Cadmium	2	2	30	30	2	N/A	0.31 U	0.27 U	**2.32**	**2.03**	0.29 U	0.27 U	**3.54**	**5.59**	1.35 U	NA	0.33 U	0.27 U	**9.17**	1.00 U
	Chromium	30	30	200	200	30	N/A	**5.14**	**2.34**	**35.4**	**9.17**	**6.20**	**2.04**	**29.1**	**43.5**	**7.14**	NA	**19.3**	**2.77**	**44.3**	**3.27**
	Lead	300	300	300	300	300	N/A	**12.9**	**4.61**	**2,350**	**85.8**	**15.7**	**3.05**	**741**	**1,590**	**19.0**	NA	**28.3**	**37.5**	**2,360**	**56.2**
	Nickel	20	20	700	700	20	N/A	**3.04**	**2.24**	**19.1**	**7.67**	**3.16**	**2.89**	**47.9**	**44.7**	**4.26**	NA	**8.83**	**2.57**	**15.7**	**14.4**
	Selenium	400	400	800	800	400	N/A	6.04 U	5.22 U	6.22 U	14.9 U	5.63 U	5.34 U	6.22 U	8.00 U	26.9 U	NA	6.57 U	5.35 U	5.96 U	20.0 U
	Silver	100	100	200	200	100	N/A	0.61 U	0.53 U	**1.03**	1.49 U	0.57 U	0.54 U	0.63 U	**5.20**	2.69 U	NA	0.66 U	0.54 U	0.60 U	2.00 U
	Thallium	8	8	60	60	8	N/A	3.62 U	3.13 U	3.74 U	8.93 U	3.38 U	3.20 U	3.74 U	4.80 U	16.2 U	NA	3.94 U	3.21 U	3.58 U	12.0 U
	Vanadium	600	600	1,000	1,000	600	N/A	**9.98**	5.22 U	**34.4**	14.9 U	**9.87**	5.34 U	**219**	**60.1**	26.9 U	NA	**18.4**	5.35 U	**23.2**	20.0 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**18.9**	**10.0**	**738**	**483**	**28.6**	**16.3**	**1,050**	**935**	**96.3**	NA	**33.7**	**28.2**	**958**	**375**
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																					
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SB-367				SS-24	SS-27	SS-31		SS-32	SS-32A		SS-32B	
							Sample Depth (ft.):	1	1-3	5-6	8-9	1-3	1-3	1-3	1-3	1-3	0-1	1-3	0-1	1-3
							Sample Date:	2/26/2009	2/26/2009	2/26/2009	2/26/2009	3/31/2009	3/31/2009	3/31/2009	3/31/2009	3/31/2009	2/26/2009	2/26/2009	2/27/2009	2/27/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								Field Dup					
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	**1.52**	0.200 U	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	**0.920**	0.200 U	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	**2.40**	0.200 U	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**4.11**	**0.224**	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	**6.33**	**1.44**	0.189 U	0.192 U	**0.204**	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	**5.28**	**1.26**	0.189 U	0.192 U	**0.202**	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	**6.09**	**1.85**	0.189 U	0.192 U	**0.240**	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**2.47**	**0.712**	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	**2.42**	**0.640**	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	**5.98**	**1.67**	0.189 U	0.192 U	**0.207**	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	**0.780**	**0.204**	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**12.1**	**2.76**	0.189 U	0.192 U	**0.320**	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**3.20**	0.200 U	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	**3.35**	**0.965**	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	**2.55**	0.200 U	0.189 U	0.192 U	0.185 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	**18.9**	**1.54**	0.189 U	0.192 U	**0.300**	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**11.1**	**2.75**	0.189 U	**0.211**	**0.379**	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.0599 U	0.0537 U	0.0575 U	0.0550 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Aroclor 1221	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.0599 U	0.0537 U	0.0575 U	0.0550 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Aroclor 1232	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.0599 U	0.0537 U	0.0575 U	0.0550 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Aroclor 1242	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.0599 U	0.0537 U	0.0575 U	0.0550 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Aroclor 1248	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.0599 U	0.0537 U	0.0575 U	0.0550 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Aroclor 1254	2	2	3	3	2	1	**0.1160 J**	**0.0687 J**	0.0698 U	0.140 U	0.0599 U	**0.197 J**	0.0575 U	0.0550 U	NA	0.0612 U	**0.520 J**	**0.153 J**	0.0583 U
	Aroclor 1260	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.0599 U	0.0537 U	0.0575 U	0.0550 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.116 J**	**0.0687 J**	0.0698 U	0.140 U	0.0599 U	**0.197 J**	0.0575 U	0.0550 U	NA	0.0612 U	**0.520 J**	**0.153 J**	0.0583 U
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.093**	**0.064**	**0.092**	0.034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	4.90 U	4.32 U	5.57 U	6.68 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	3.06 U	2.70 U	**22.1**	4.18 U	**7.05**	**5.68**	**5.55**	**6.09**	2.77 U	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**41.8**	**29.7**	**382**	**14.6**	**277**	**325**	**148**	**124**	**39.4**	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.27 U	**0.61**	0.42 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.38**	0.27 U	**0.70**	0.42 U	**1.28**	**1.17**	0.29 U	**0.30**	**0.44**	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**10.0**	**4.19**	**27.2**	**7.33**	**11.9**	**7.09**	**7.17**	**7.04**	**3.97**	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**65.0**	**36.1**	**425**	**2.91**	**401**	**890**	**137**	**219**	**96.6**	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	**4.27**	**3.31**	**49.3**	**6.13**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	6.12 U	5.40 U	6.96 U	8.35 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	0.62 U	0.54 U	0.70 U	0.84 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	3.68 U	3.24 U	4.18 U	5.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**11.4**	5.40 U	**56.1**	**8.36**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**50.5**	**25.1**	**323**	**25.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SS-32C		SS-32D			SS-35	SS-36	SS-36A		SS-36B		SS-36C	
							Sample Depth (ft.):	0-1	1-3	0-1	0-1	1-3	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009	3/31/2009	3/31/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA				Field Dup									
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	0.177 U	**0.259**	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	**0.184**	0.229 U	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	0.177 U	0.229 U	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**0.510**	0.229 U	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	**1.15**	**0.446**	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	**1.11**	**0.383**	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	**1.17**	**0.549**	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**0.737**	**0.406**	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	**0.407**	0.229 U	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	**1.25**	**0.825**	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	0.177 U	0.229 U	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**2.39**	**0.692**	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**0.208**	0.229 U	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	**0.793**	**0.255**	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	0.177 U	0.229 U	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	**3.21**	**1.12**	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**3.37**	**0.792**	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	**0.0931 J**	**0.175 J**	**0.229 J**	**0.288 J**	**0.814 J**	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.0931 J**	**0.175 J**	**0.229 J**	**0.288 J**	**0.814 J**	0.0529 U	0.0733 U	NA	NA	NA	NA	NA	NA
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	2.66 U	**21.8**	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**24.4**	**472**	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	0.27 U	**0.98**	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	**4.10**	**11.8**	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	**45.0**	NA	**22.7**	**480**	**23.1**	**938**	**16.8**	**1,550**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SS-36D			SS-36E	SS-36F		SS-36G		SS-36H		SS-36I	SS-36J	SS-36L
							Sample Depth (ft.):	0-1	1-3	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3
							Sample Date:	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	5/21/2009	5/21/2009	5/21/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			Field Dup										
PAHs																				
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																				
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**20.4**	**2,070**	**286**	**310**	**37.5**	**507**	**34.4**	**1,110**	**856**	**20.8**	**110**	**2,700**	**870**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																				
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH																				
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	SS-36N		SS-36O	SS-36R	SS-36S	SS-36V	SS-36W	SS-38	SS-39	SS-52	SSHH-13B1		SSHH-13B2	SSHH-13B3	SSHH-13B4
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	0-1	0-1	0-1	0-1	0-1
							Sample Date:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	3/31/2009	3/31/2009	3/31/2009	4/10/2009	4/10/2009	4/10/2009	4/10/2009	4/10/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA		Field Dup										Field Dup			
PAHs																						
(mg/kg)	Dibenzofuran	10^	10^	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.274**	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.542**	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	0.187 U	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**1.62**	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**1.42**	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**1.17**	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**1.37**	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.448**	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.539**	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**1.38**	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	0.187 U	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**2.70**	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.944**	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.588**	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**0.505**	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	0.183 U	**4.30**	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	0.214 U	**0.193**	**2.95**	NA	NA	NA	NA	NA
PCBs																						
(mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	**3.18 J**	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1268	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.0640 U	0.0501 U	**3.18 J**	NA	NA	NA	NA	NA
Metals																						
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	**14.6**	2.74 U	2.81 U	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	**801**	**45.2**	**43.0**	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	**0.86**	**0.52**	0.29 U	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	**18.0**	**4.64**	**10.1**	**6.58**	**6.05**	**5.12**	**4.93**	**5.81**
	Lead	300	300	300	300	300	N/A	**480**	**920**	**680**	**1,000**	**690**	**530**	**22**	**865**	**103**	**36.5**	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.37 U	0.39 U	0.38 U	0.38 U	0.38 U
Oxidation/Reduction Potential																						
(mV)	Oxidation/Reduction Potenti	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**169**	**229**	**242**	**189**	**227**
pH																						
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.81**	**5.87**	**5.97**	**5.93**	**5.93**

Table 3
Summary of Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

mV - milliVolt.

s.u. - Standard unit.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

U - Compound was not detected at specified quantitation limit.

UJ - Estimated non-detect.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed Method 1 standards.

Values shown in bold and outlined exceed TSCA standard but are less than the listed Method 1 standards.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

(a) - The sample was re-collected on 3/31/2009 and analyzed for dibenzofuran.

^ - TRC developed standards.

* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.

** - For reference purposes only.

Table 3
Summary of VOC Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HD-14F	
							Sample Depth (ft.):	2.5	
							Sample Date:	3/10/2009	
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA		
VOCs									
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	0.084	U
	Tertiary Amyl Methyl Ether	NS	NS	NS	NS	NS	N/A	0.001	U
	Benzene	30.0	30	200.0	200	2.0	N/A	0.002	U
	Bromobenzene	NS	NS	NS	NS	100	N/A	0.002	U
	Bromochloromethane	NS	NS	NS	NS	NS	N/A	0.002	U
	Bromodichloromethane	0.1	20	0.1	100	0.1	N/A	0.002	U
	Bromoform	1	200	1	800	0.1	N/A	0.009	U
	Bromomethane	0.5	30	0.5	30	0.5	N/A	0.009	U
	sec-Butylbenzene	100(1)	100(1)	500(1)	500(1)	100(1)	N/A	**0.003**	
	n-butylbenzene	100(1)	100(1)	500(1)	500(1)	100(1)	N/A	0.002	U
	tert-butylbenzene	100(1)	100(1)	500(1)	500(1)	100(1)	N/A	**0.003**	
	Carbon disulfide	NS	NS	NS	NS	100	N/A	0.005	U
	Carbon tetrachloride	5	10	5	60	5	N/A	0.002	U
	Chlorobenzene	3.0	100	3.0	100	1.0	N/A	0.002	U
	Dibromochloromethane	0.03	20	0.03	100	0.005	N/A	0.009	U
	Chloroethane	NS	NS	NS	NS	100	N/A	0.017	U
	Chloroform	0.3	400	0.3	800	0.3	N/A	0.004	U
	Chloromethane	NS	NS	NS	NS	100	N/A	0.009	U
	2-Chlorotoluene	NS	NS	NS	NS	100	N/A	0.002	U
	4-Chlorotoluene	NS	NS	NS	NS	100.0	N/A	0.002	U
	1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	10.0	N/A	0.002	U
	1,2-Dibromoethane	0.1	0.7	0.1	4	0.1	N/A	0.001	U
	Dibromomethane	NS	NS	NS	NS	500.0	N/A	0.002	U
	1,3-Dichlorobenzene	40.0	100	40.0	500	1.0	N/A	0.002	U
	1,2-Dichlorobenzene	30	300	30	300	9	N/A	0.002	U
	1,4-Dichlorobenzene	4	50	4	300	0.7	N/A	0.002	U
	Dichlorodifluoromethane	NS	NS	NS	NS	1,000	N/A	0.017	U
	1,1-Dichloroethane	5	500	5	1,000	0.4	N/A	0.002	U
	1,2-Dichloroethane	0.1	10	0.1	90	0.1	N/A	0.002	U
	1,1-Dichloroethene	40	500	40	1,000	3	N/A	0.004	U
	cis-1,2-Dichloroethene	0.40	100	0.40	500	0.300	N/A	0.002	U
	trans-1,2-Dichloroethene	1	500	1	1,000	1	N/A	0.002	U
	1,2-Dichloropropane	0.1	10	0.1	100	0.1	N/A	0.002	U
	1,3-Dichloropropane	NS	NS	NS	NS	500	N/A	0.001	U
	2,2-Dichloropropane	NS	NS	NS	NS	0.1(2)	N/A	0.002	U
	1,1-Dichloropropene	NS	NS	NS	NS	0.01(3)	N/A	0.002	U
	cis-1,3-Dichloropropene	0.4(4)	9(4)	0.4(4)	70(4)	0.01(4)	N/A	0.009	U
	trans-1,3-Dichloropropene	0.4(4)	9(4)	0.4(4)	70(4)	0.01(4)	N/A	0.009	U
	Diethyl ether	NS	NS	NS	NS	100	N/A	0.017	U
	Diisopropyl ether	NS	NS	NS	NS	100	N/A	0.001	U
	1,4-Dioxane	6	70	6	500	0.2	N/A	0.084	U
	Ethyl Tertiary Butyl ether	NS	NS	NS	NS	NS	N/A	0.001	U
	Ethylbenzene	500	500	1,000	1,000	40	N/A	0.002	U
	Hexachlorobutadiene	6	6	90	90	6	N/A	0.002	U
	2-Hexanone	NS	NS	NS	NS	100	N/A	0.017	U
	Isopropylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	0.002	U
	p-Isopropyltoluene	100(1)	100(1)	500(1)	500(1)	100(1)	N/A	0.002	U
	2-Butanone	50	400	50	400	4	N/A	0.034	U
	4-Methyl-2-pentanone	50	400	50	400	0.4	N/A	0.017	U

Table 3
Summary of VOC Analytical Results for Soil Samples - 2009
New Bedford High School
New Bedford, MA

Analysis	Analyte						Sample ID:	HD-14F	
							Sample Depth (ft.):	2.5	
							Sample Date:	3/10/2009	
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA		
	Methyl tert-butyl ether	100	100	100	500	0.1	N/A	0.004	U
	Methylene chloride	20	200	20	900	0.1	N/A	0.017	U
	Naphthalene	40	500	40	1,000	4	N/A	0.009	U
	n-Propylbenzene	100(1)	100(1)	500(1)	500(1)	100	N/A	0.002	U
	Styrene	4	30	4	200	3	N/A	0.009	U
	1,1,1,2-Tetrachloroethane	0.1	7	0.1	100	0.1	N/A	0.002	U
	1,1,2,2-Tetrachloroethane	0.02	0.8	0.02	10	0.005	N/A	0.001	U
	Tetrachloroethene	10	30	10	200	1	N/A	0.002	U
	Tetrahydrofuran	NS	NS	NS	NS	500	N/A	0.009	U
	Toluene	500	500	1,000	1,000	30	N/A	0.002	U
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	0.004	U
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A	0.009	U
	1,1,1-Trichloroethane	500	500	600	1,000	30	N/A	0.002	U
	1,1,2-Trichloroethane	2	4	2	60	0	N/A	0.002	U
	Trichloroethene	2	90	2	700	0	N/A	0.002	U
	Trichlorofluoromethane	NS	NS	NS	NS	1,000	N/A	0.009	U
	1,2,3-Trichloropropane	NS	NS	NS	NS	100	N/A	0.002	U
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	0.002	U
	1,3,5-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	10	N/A	0.002	U
	Vinyl chloride	0.6	0.6	0.7	4	0.6	N/A	0.009	U
	o-Xylene	300	500	300	1,000	300	N/A	0.002	U
	m & p-Xylene	300	500	300	1,000	300	N/A	0.004	U

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
N/A - Not applicable.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
VOCs - Volatile Organic Compounds.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
(1) - MassDEP Method 1 standards and RC for C9-C10 aromatics used.
(2) - MassDEP RC for Dichloropropane used.
(3) - MassDEP RC for Dichloropropene used.
(4) - MassDEP RC for 1,3-Dichloropropene used.
* - TRC developed Method 1 standards.

Table 4
Summary of Analytical Results for Soil Samples - TRC-41 Location
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte					Sample ID:	TRC-41		
						Sample Depth (ft.):	1	5	9
						Sample Date:	1/26/2009	1/26/2009	1/26/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1			
VOCs									
(mg/kg)	Acetone	50	400	50	400	6	NA	0.13 U	NA
	tert-Amylmethyl Ether	NS	NS	NS	NS	NS	NA	0.002 U	NA
	Benzene	30	30	200	200	2	NA	0.003 U	NA
	Bromobenzene	NS	NS	NS	NS	100	NA	0.003 U	NA
	Bromochloromethane	NS	NS	NS	NS	NS	NA	0.003 U	NA
	Bromodichloromethane	0.1	20	0.1	100	0.1	NA	0.003 U	NA
	Bromoform	1	200	1	800	0.1	NA	0.003 U	NA
	Bromomethane	0.5	30	0.5	30	0.5	NA	0.013 U	NA
	2-Butanone (MEK)	50	400	50	400	4	NA	0.050 U	NA
	n-Butylbenzene	100[1]	100[1]	500[1]	500[1]	100[1]	NA	0.003 U	NA
	sec-Butylbenzene	100[1]	100[1]	500[1]	500[1]	100[1]	NA	0.003 U	NA
	tert-Butylbenzene	100[1]	100[1]	500[1]	500[1]	100[1]	NA	0.003 U	NA
	tert-Butylethyl Ether	NS	NS	NS	NS	NS	NA	0.002 U	NA
	Carbon Disulfide	NS	NS	NS	NS	100	NA	0.008 U	NA
	Carbon Tetrachloride	5	10	5	60	5	NA	0.003 U	NA
	Chlorobenzene	3	100	3	100	1	NA	0.003 U	NA
	Chlorodibromomethane	0.03	20	0.03	100	0.005	NA	0.002 U	NA
	Chloroethane	NS	NS	NS	NS	100	NA	0.025 U	NA
	Chloroform	0.3	400	0.3	800	0.3	NA	0.005 U	NA
	Chloromethane	NS	NS	NS	NS	100	NA	0.013 U	NA
	2-Chlorotoluene	NS	NS	NS	NS	100	NA	0.003 U	NA
	4-Chlorotoluene	NS	NS	NS	NS	100	NA	0.003 U	NA
	1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	10	NA	0.003 U	NA
	1,2-Dibromoethane	0.1	0.7	0.1	4	0.1	NA	0.002 U	NA
	Dibromomethane	NS	NS	NS	NS	500	NA	0.003 U	NA
	1,2-Dichlorobenzene	30	300	30	300	9	NA	0.003 U	NA
	1,3-Dichlorobenzene	40	100	40	500	1	NA	0.003 U	NA
	1,4-Dichlorobenzene	4	50	4	300	0.7	NA	0.003 U	NA
	Dichlorodifluoromethane	NS	NS	NS	NS	1,000	NA	0.025 U	NA
	1,1-Dichloroethane	5	500	5	1000	0.4	NA	0.003 U	NA
	1,2-Dichloroethane	0.1	10	0.1	90	0.1	NA	0.003 U	NA
	1,1-Dichloroethylene	40	500	40	1000	3	NA	0.005 U	NA
	cis-1,2-Dichloroethylene	0.4	100	0.4	500	0.3	NA	0.003 U	NA
	trans-1,2-Dichloroethylene	1	500	1	1000	1	NA	0.003 U	NA
	1,2-Dichloropropane	0.1	10	0.1	100	0.1	NA	0.003 U	NA
	1,3-Dichloropropane	NS	NS	NS	NS	500	NA	0.002 U	NA
	2,2-Dichloropropane	NS	NS	NS	NS	0.1[2]	NA	0.003 U	NA
	1,1-Dichloropropene	NS	NS	NS	NS	0.01[3]	NA	0.003 U	NA
	cis-1,3-Dichloropropene	0.4[4]	9[4]	0.4[4]	70[4]	0.01[4]	NA	0.002 U	NA
	trans-1,3-Dichloropropene	0.4[4]	9[4]	0.4[4]	70[4]	0.01[4]	NA	0.002 U	NA
	Diethyl Ether	NS	NS	NS	NS	100	NA	0.025 U	NA
	Diisopropyl Ether	NS	NS	NS	NS	100	NA	0.002 U	NA
	1,4-Dioxane	6	70	6	500	0.2	NA	0.13 U	NA
	Ethyl Benzene	500	500	1,000	1,000	40	NA	0.003 U	NA
	Hexachlorobutadiene	6	6	90	90	6	NA	0.003 U	NA
	2-Hexanone	NS	NS	NS	NS	100	NA	0.025 U	NA
	Isopropylbenzene	100[1]	100[1]	500[1]	500[1]	1,000	NA	0.003 U	NA
	p-Isopropyltoluene	100[1]	100[1]	500[1]	500[1]	100[1]	NA	0.003 U	NA
	MTBE	100	100	100	500	0.1	NA	0.005 U	NA
	Methylene Chloride	20	200	20	900	0.1	NA	0.025 U	NA
	MIBK	50	400	50	400	0.4	NA	0.025 U	NA
	Naphthalene	40	500	40	1,000	4	NA	0.005 U	NA
	n-Propylbenzene	100[1]	100[1]	500[1]	500[1]	100	NA	0.003 U	NA
	Styrene	4	30	4	200	3	NA	0.003 U	NA
	1,1,1,2-Tetrachloroethane	0.1	7	0.1	100	0.1	NA	0.003 U	NA
	1,1,2,2-Tetrachloroethane	0.02	0.8	0.02	10	0.005	NA	0.002 U	NA
	Tetrachloroethylene	10	30	10	200	1	NA	0.003 U	NA
	Tetrahydrofuran	NS	NS	NS	NS	500	NA	0.013 U	NA
	Toluene	500	500	1,000	1,000	30	NA	0.003 U	NA
	1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NA	0.003 U	NA
	1,2,4-Trichlorobenzene	70	500	70	900	2	NA	0.003 U	NA
	1,1,1-Trichloroethane	500	500	600	1,000	30	NA	0.003 U	NA

Table 4
Summary of Analytical Results for Soil Samples - TRC-41 Location
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte					Sample ID:	TRC-41		
						Sample Depth (ft.):	1	5	9
						Sample Date:	1/26/2009	1/26/2009	1/26/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1			
	1,1,2-Trichloroethane	2	4	2	60	0.1	NA	0.003 U	NA
	Trichloroethylene	2	90	2	700	0.3	NA	0.003 U	NA
	Trichlorofluoromethane	NS	NS	NS	NS	1,000	NA	0.013 U	NA
	1,2,3-Trichloropropane	NS	NS	NS	NS	100	NA	0.003 U	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	NA	0.003 U	NA
	1,3,5-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	10	NA	0.003 U	NA
	Vinyl Chloride	0.6	0.6	0.7	4	0.6	NA	0.013 U	NA
	m + p Xylene	300	500	300	1000	300	NA	0.005 U	NA
	o-Xylene	300	500	300	1000	300	NA	0.003 U	NA
SVOCs									
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	2.18 U	0.202 U	0.182 U
	Acenaphthylene	600	10	600	10	1	2.18 U	0.202 U	0.182 U
	Acetophenone	NS	NS	NS	NS	1,000	NA	0.41 U	NA
	Aniline	NS	NS	NS	NS	1,000	NA	0.41 U	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	2.18 U	**0.289**	0.182 U
	Benzo(a)anthracene	7	7	40	40	7	**2.81**	**1.17**	0.182 U
	Benzo(a)pyrene	2	2	4	4	2	**2.54**	**1.08**	0.182 U
	Benzo(b)fluoranthene	7	7	40	40	7	**2.89**	**1.30**	0.182 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	2.18 U	**0.576**	0.182 U
	Benzo(k)fluoranthene	70	70	400	400	70	2.18 U	**0.502**	0.182 U
	Bis(2-chloroethoxy)methane	NS	NS	NS	NS	500	NA	0.41 U	NA
	Bis(2-chloroethyl)ether	0.7	0.7	0.7	3	0.7	NA	0.41 U	NA
	Bis(2-chloroisopropyl)ether	NS	NS	NS	NS	0.7	NA	0.41 U	NA
	Bis(2-ethylhexyl)phthalate	200	200	700	700	200	NA	0.41 U	NA
	4-Bromophenyl phenyl ether	NS	NS	NS	NS	100	NA	0.41 U	NA
	Butylbenzylphthalate	NS	NS	NS	NS	100	NA	0.81 U	NA
	4-Chloroaniline	100	3	100	3	1	NA	0.81 U	NA
	2-Chloronaphthalene	NS	NS	NS	NS	1,000	NA	0.41 U	NA
	2-Chlorophenol	100	100	100	300	0.7	NA	0.41 U	NA
	Chrysene	70	70	400	400	70	**3.22**	**1.47**	0.182 U
	Dibenzofuran	NS	NS	NS	NS	100	NA	0.41 U	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	2.18 U	0.202 U	0.182 U
	1,2-Dichlorobenzene	30	300	30	300	9	NA	0.41 U	NA
	1,3-Dichlorobenzene	40	100	40	500	1	NA	0.41 U	NA
	1,4-Dichlorobenzene	4	50	4	300	0.7	NA	0.41 U	NA
	3,3'-Dichlorobenzidine	1	1	10	10	1	NA	0.21 U	NA
	2,4-Dichlorophenol	60	40	60	40	0.7	NA	0.41 U	NA
	Diethylphthalate	200	300	200	300	10	NA	0.41 U	NA
	2,4-Dimethylphenol	100	500	100	1,000	0.7	NA	0.41 U	NA
	Dimethylphthalate	50	600	50	600	30	NA	0.81 U	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	0.41 U	NA
	Di-n-octylphthalate	NS	NS	NS	NS	1,000	NA	0.81 U	NA
	2,4-Dinitrophenol	50	50	50	90	3	NA	0.81 U	NA
	2,4-Dinitrotoluene	2	2	10	10	0.7	NA	0.41 U	NA
	2,6-Dinitrotoluene	NS	NS	NS	NS	100	NA	0.41 U	NA
	Azobenzene	NS	NS	NS	NS	50	NA	0.41 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	**5.28**	**2.01**	0.182 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	2.18 U	0.202 U	0.182 U
	Hexachlorobenzene	0.7	0.7	5	5	0.7	NA	0.41 U	NA
	Hexachlorobutadiene	6	6	90	90	6	NA	0.41 U	NA
	Hexachloroethane	3	9	3	100	0.7	NA	0.41 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	2.18 U	**0.683**	0.182 U
	Isophorone	NS	NS	NS	NS	100	NA	0.41 U	NA
	o-cresol	NS	NS	NS	NS	500	NA	0.41 U	NA
	m & p-cresol(s)	NS	NS	NS	NS	500	NA	0.41 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	2.18 U	0.202 U	0.182 U
	Naphthalene	40	500	40	1,000	4	2.18 U	0.202 U	0.182 U
	Nitrobenzene	NS	NS	NS	NS	500	NA	0.41 U	NA
	2-Nitrophenol	NS	NS	NS	NS	100	NA	0.41 U	NA
	4-Nitrophenol	NS	NS	NS	NS	100	NA	0.81 U	NA
	Pentachlorophenol	10	10	70	10	3	NA	0.41 U	NA
	Phenanthrene	500	500	1,000	1,000	10	**6.68**	**1.68**	0.182 U
	Phenol	50	20	50	20	1	NA	0.41 U	NA

Table 4
Summary of Analytical Results for Soil Samples - TRC-41 Location
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						TRC-41		
						Sample ID:	TRC-41		
						Sample Depth (ft.):	1	5	9
						Sample Date:	1/26/2009	1/26/2009	1/26/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1			
	Pyrene	1,000	1,000	3,000	3,000	1,000	**5.32**	**2.21**	0.182 U
	1,2,4-Trichlorobenzene	70	500	70	900	2	NA	0.41 U	NA
	2,4,5-Trichlorophenol	1,000	600	1,000	600	4	NA	0.41 U	NA
	2,4,6-Trichlorophenol	20	20	20	20	0.7	NA	0.41 U	NA
Total Petroleum Hydrocarbons									
(mg/kg)	Unknown Hydrocarbons	1,000	1,000	3,000	3,000	1,000	NA	**380**	NA
PCBs									
(mg/kg)	PCB 1016	2	2	3	3	2	0.0584 U	0.0601 U	0.0590 U
	PCB-1221	2	2	3	3	2	0.0584 U	0.0601 U	0.0590 U
	PCB-1232	2	2	3	3	2	0.0584 U	0.0601 U	0.0590 U
	PCB-1242	2	2	3	3	2	0.0584 U	0.0601 U	0.0590 U
	PCB-1248	2	2	3	3	2	0.0584 U	0.0601 U	0.0590 U
	PCB-1254	2	2	3	3	2	**0.711 ***	0.0601 U	0.0590 U
	PCB-1260	2	2	3	3	2	**0.463 ***	0.0601 U	0.0590 U
	Total PCBs	2	2	3	3	2	**1.174**	0.0601 U	0.0590 U
Metals, total									
(mg/kg)	Antimony	20	20	30	30	20	5.23 U	4.84 U	4.35 U
	Arsenic	20	20	20	20	20	**7.74**	**13.5**	2.72 U
	Barium	1,000	1,000	3,000	3,000	1,000	**173**	**462**	**11.4**
	Beryllium	100	100	200	200	100	**0.72**	**4.04**	**0.30**
	Cadmium	2	2	30	30	2	**0.93**	**3.59**	0.28 U
	Chromium	30	30	200	200	30	**18.6**	**16.2**	**3.10**
	Lead	300	300	300	300	300	**594**	**2,000**	**6.90**
	Nickel	20	20	700	700	20	**12.5**	**15.4**	**3.20**
	Selenium	400	400	800	800	400	6.54 U	6.05 U	5.44 U
	Silver	100	100	200	200	100	0.66 U	0.61 U	0.55 U
	Thallium	8	8	60	60	8	3.93 U	3.63 U	3.27 U
	Vanadium	600	600	1,000	1,000	600	**25.2**	**22.7**	**5.46**
	Zinc	2,500	2,500	3,000	3,000	2,500	**181**	**617**	**22.6**
	Mercury	20	20	30	30	20	**0.141**	**1.52**	0.026 U
Metals,TCLP									
(mg/L)	Arsenic	NS	NS	NS	NS	5.0**	NA	0.010 U	NA
	Barium	NS	NS	NS	NS	100.0**	NA	**0.60**	NA
	Cadmium	NS	NS	NS	NS	1.0**	NA	**0.009**	NA
	Chromium	NS	NS	NS	NS	5.0**	NA	0.010 U	NA
	Lead	NS	NS	NS	NS	5.0**	NA	**0.721**	NA
	Selenium	NS	NS	NS	NS	1.0**	NA	0.050 U	NA
	Silver	NS	NS	NS	NS	5.0**	NA	0.005 U	NA
	Mercury	NS	NS	NS	NS	0.2**	NA	0.0001 U	NA

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

mg/L - milligrams per liter.

NA - Sample not analyzed for the listed analyte.

NS - No MassDEP standards exist for this compound.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed Method 1 standards.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

SVOCs - Semivolatile Organic Compounds.

TCLP - Toxicity Characteristic Leaching Procedure.

VOCs - Volatile Organic Compounds.

(1) - MCP Method 1 standards for C9-C10 aromatics used.

(2) - MCP RC for Dichloropropane used.

(3) - MCP RC for Dichloropropene used.

(4) - MCP Method 1 standards for 1,3-Dichloropropene used.

* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.

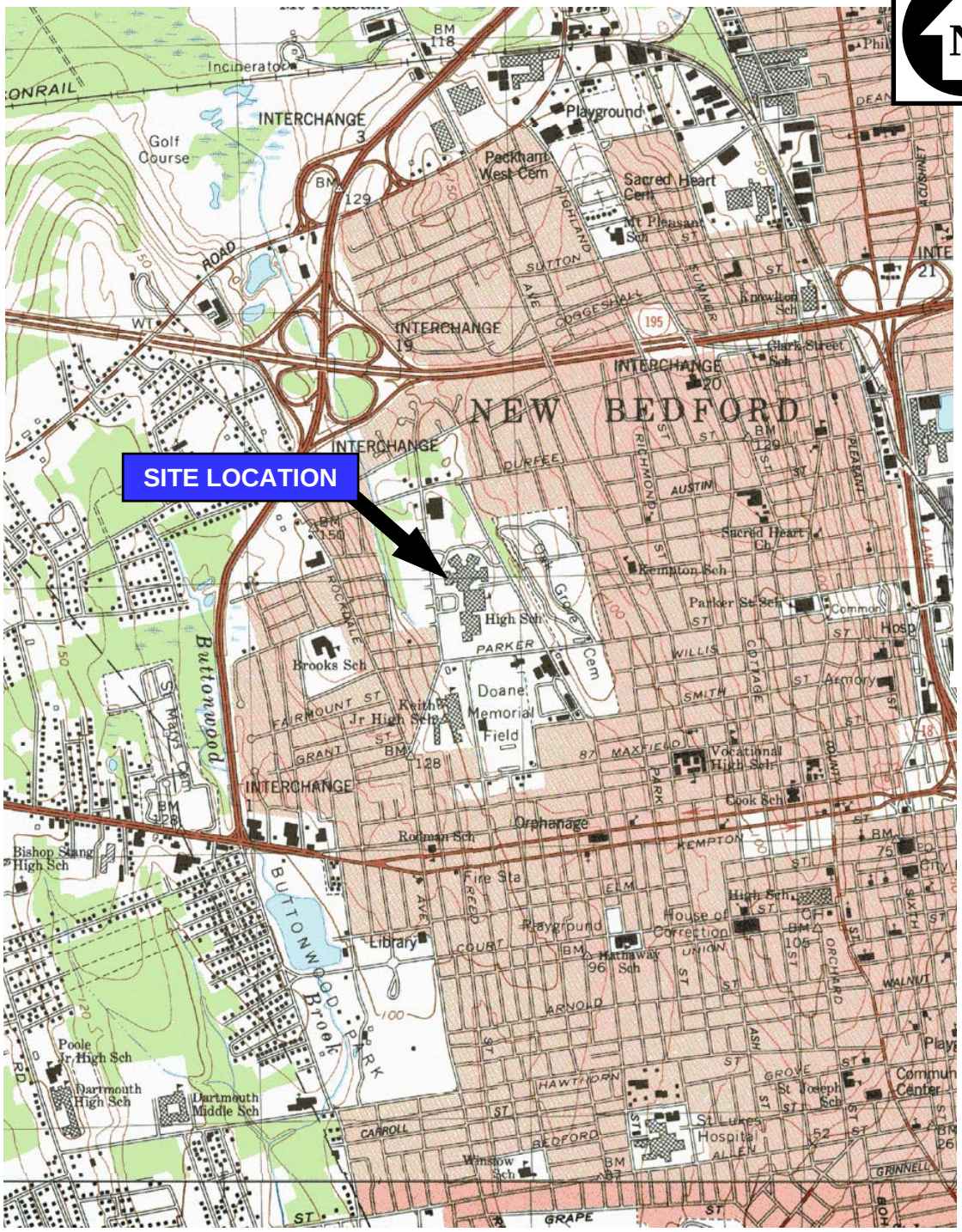
** - SW-846, Chapter 7, Characteristics Introduction and Regulatory Definitions, Table 7-1:
Maximum Concentration of Contaminants for Toxicity Characteristic.

Table 5
Summary of Analytical Results for Groundwater Samples - April 2009
City of New Bedford - New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:		MW-HH-13		MW-HRC-33	
		Sample Date:		4/23/2009	4/23/2009	4/23/2009	4/23/2009
		GW-2	GW-3		Field Dup		Field Dup
PAHs							
(ug/L)	Acenaphthene	NS	6,000	0.30 U	0.30 U	0.30 U	NA
	Acenaphthylene	10,000	40	0.30 U	0.30 U	0.30 U	NA
	Anthracene	NS	30	0.20 U	0.20 U	0.20 U	NA
	Benzo(a)anthracene	NS	1,000	0.05 U	0.05 U	0.05 U	NA
	Benzo(a)pyrene	NS	500	0.10 U	0.10 U	0.10 U	NA
	Benzo(b)fluoranthene	NS	400	0.05 U	0.05 U	0.05 U	NA
	Benzo(g,h,i)perylene	NS	20	0.50 U	0.50 U	0.50 U	NA
	Benzo(k)fluoranthene	NS	100	0.20 U	0.20 U	0.20 U	NA
	Chrysene	NS	70	0.20 U	0.20 U	0.20 U	NA
	Dibenz(a,h)anthracene	NS	40	0.20 U	0.20 U	0.20 U	NA
	Fluoranthene	NS	200	0.50 U	0.50 U	0.50 U	NA
	Fluorene	NS	40	1.0 U	1.0 U	1.0 U	NA
	Indeno(1,2,3-cd)pyrene	NS	100	0.20 U	0.20 U	0.20 U	NA
	2-Methylnaphthalene	2,000	20,000	1.0 U	1.0 U	1.0 U	NA
	Naphthalene	1,000	20,000	1.0 U	1.0 U	1.0 U	NA
	Phenanthrene	NS	10,000	0.05 U	0.05 U	0.05 U	NA
	Pyrene	NS	20	1.0 U	1.0 U	1.0 U	NA
PCBs							
(ug/L)	Aroclor 1016	5	10	0.050 U	NA	0.050 U	0.050 U
	Aroclor 1221	5	10	0.050 U	NA	0.050 U	0.050 U
	Aroclor 1232	5	10	0.050 U	NA	0.050 U	0.050 U
	Aroclor 1242	5	10	0.050 U	NA	0.050 U	0.050 U
	Aroclor 1248	5	10	0.050 U	NA	0.050 U	0.050 U
	Aroclor 1254	5	10	0.050 U	NA	0.050 U	0.050 U
	Aroclor 1260	5	10	0.050 U	NA	0.050 U	0.050 U
	Total PCBs	5	10	0.050 U	NA	0.050 U	0.050 U
Metals, total							
(ug/L)	Antimony	NS	8,000	40.0 U	40.0 U	40.0 U	NA
	Arsenic	NS	900	5.0 U	5.0 U	5.0 U	NA
	Barium	NS	50,000	**5,570**	**5,710**	**157**	NA
	Beryllium	NS	200	2.0 U	2.0 U	2.0 U	NA
	Cadmium	NS	4	2.5 U	2.5 U	2.5 U	NA
	Chromium	NS	300	5.0 U	5.0 U	5.0 U	NA
	Lead	NS	10	7.5 U	7.5 U	**10.5**	NA
	Mercury	NS	20	0.10 U	0.10 U	0.10 U	NA
	Nickel	NS	200	5.0 U	5.0 U	5.0 U	NA
	Selenium	NS	100	30.0 U	30.0 U	30.0 U	NA
	Silver	NS	7	3.0 U	3.0 U	3.0 U	NA
	Thallium	NS	3,000	30.0 U	30.0 U	30.0 U	NA
	Vanadium	NS	4,000	25.0 U	25.0 U	25.0 U	NA
	Zinc	NS	900	**17.0**	**20.0**	**300**	NA
Metals, dissolved							
(ug/L)	Antimony	NS	8,000	40.0 U	40.0 U	40.0 U	NA
	Arsenic	NS	900	5.0 U	5.0 U	5.0 U	NA
	Barium	NS	50,000	**5,340**	**5,490**	**141**	NA
	Beryllium	NS	200	2.0 U	2.0 U	2.0 U	NA
	Cadmium	NS	4	2.5 U	2.5 U	2.5 U	NA
	Chromium	NS	300	5.0 U	5.0 U	5.0 U	NA
	Lead	NS	10	7.5 U	7.5 U	7.5 U	NA
	Mercury	NS	20	0.10 U	0.10 U	0.10 U	NA
	Nickel	NS	200	5.0 U	5.0 U	5.0 U	NA
	Selenium	NS	100	30.0 U	30.0 U	30.0 U	NA
	Silver	NS	7	3.0 U	3.0 U	3.0 U	NA
	Thallium	NS	3,000	30.0 U	30.0 U	30.0 U	NA
	Vanadium	NS	4,000	25.0 U	25.0 U	25.0 U	NA
	Zinc	NS	900	**14.0**	**15.0**	**270**	NA

Note:
ug/L - micrograms per liter.
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed MCP Method 1 standards.
PAHs - Polynuclear Aromatic Hydrocarbons.
PCBs - Polychlorinated Biphenyls.

FIGURES



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' X 15' USGS TOPOGRAPHIC QUADRANGLES: NEW BEDFORD NORTH, MA, 1979; NEW BEDFORD SOUTH, MA 1977

0 1000 2000 3000

scale in feet

QUADRANGLE LOCATION

NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

SITE LOCATION MAP

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
978-970-5600

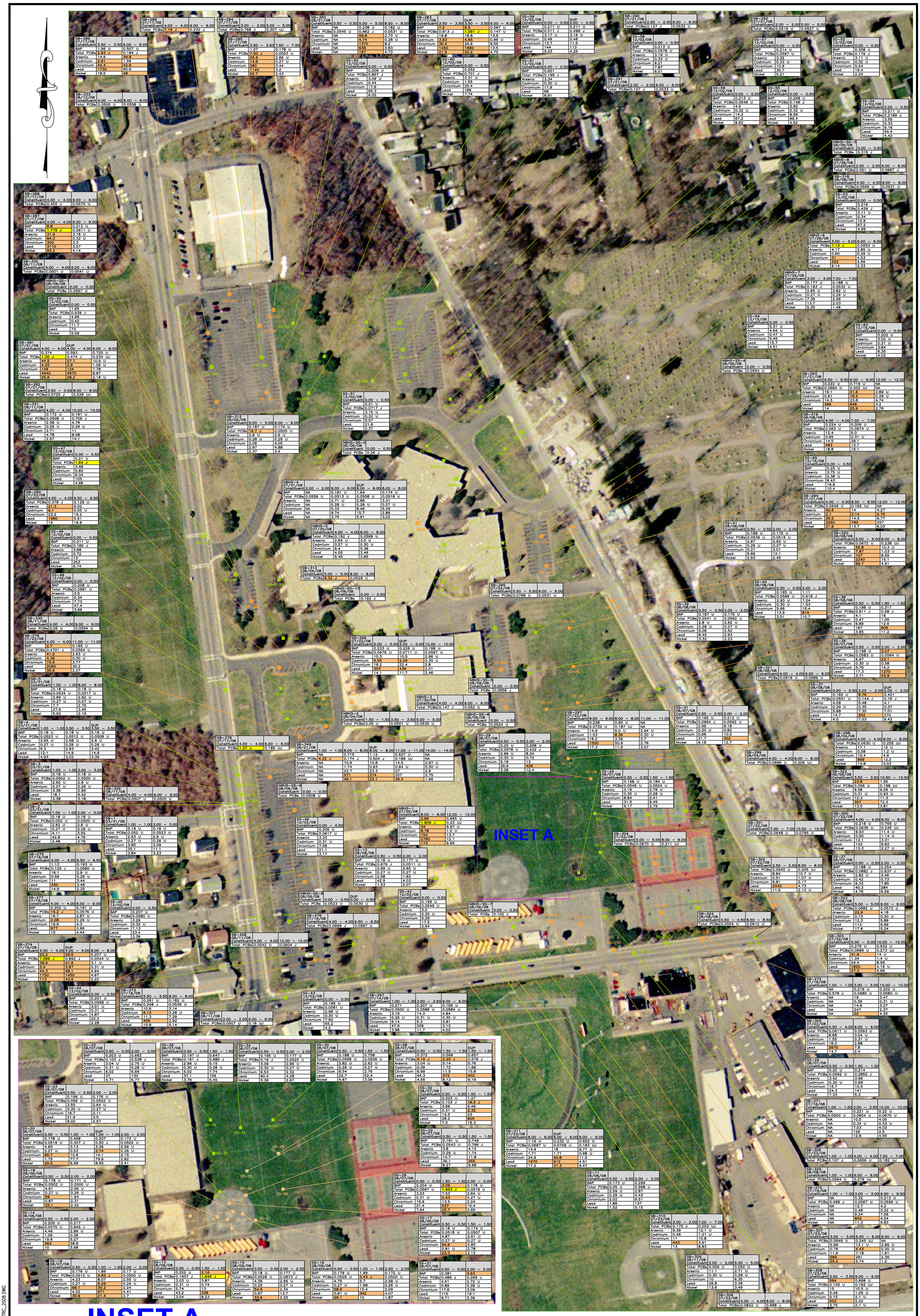
FIGURE 1

Drawn: HWB	SCALE: AS SHOWN
Checked: DS	Date: OCT 2008

T:\E_CAD\115058\TOPO NBHS.ppt

FIGURE 2

SITE AERIAL PHOTOGRAPH
New Bedford High School
NEW BEDFORD, MASSACHUSETTS



SB-286 07/17/08 Constituent	4.00 – 4.00	9.00 – 9.00
Total PCBs	7.19 J	0.232 J

SB-284 07/17/08 Constituent	3.00 – 3.00	5.00 – 5.00
Total PCBs	0.768 J	0.207 UJ

SB-289 07/17/08 Constituent	3.50 – 3.50	6.00 – 6.00
BAP	1.96 U	0.507 U
Total PCBs	2.93 J	0.184 J
Arsenic	14.6	39.8
Cadmium	2.91	1.59
Chromium	44.4	42.6
Lead	1730	60.6
Nickel	18.5	48

SB-285 07/17/08 Constituent	3.50 – 3.50	7.50 – 7.50
BAP	1.07	0.178 U
Total PCBs	7.50 J	0.0553 U
Arsenic	26.6	2.66 U
Cadmium	14.8	0.27 U
Chromium	280	3.44
Lead	1140	3.2
Nickel	55.7	2.43

SB-333 08/12/08 Constituent	4.00 – 4.00	8.00 – 8.00
Total PCBs	0.0500 U	0.0558 U

SB-288 07/17/08 Constituent	4.00 – 4.00	9.00 – 9.00
Total PCBs	0.455 J	0.0575 U

SB-287 07/17/08 Constituent	4.00 – 4.00	9.00 – 9.00
BAP	8.8	0.212 U
Total PCBs	1.779 J	0.0611 U
Arsenic	31.9	3.18 U
Cadmium	84.3	0.32 U
Chromium	302	3.3
Lead	3110	3.07
Nickel	83.2	4.14

SB-332 08/11/08 Constituent	4.00 – 4.00	9.00 – 9.00
Total PCBs	0.0501 U	0.0541 U

NBHS-SS-1 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.0567 U

SS-50 12/02/08 Constituent	0.00 – 0.50
BAP	1.65
Total PCBs	0.939 J
Arsenic	4.96
Cadmium	0.42
Chromium	11.7
Lead	73
Nickel	5.09

SB-281 07/21/08 Constituent	4.00 – 4.00	DUP 4.00 – 4.00	8.00 – 8.00
BAP	0.374	0.593	0.725 U
Total PCBs	1.30 J	0.474 J	0.234 UJ
Arsenic	44.5	27.1	10.9 U
Cadmium	4.25	2.9	1.09 U
Chromium	149	124	7.78
Lead	4940	4970	8.87
Nickel	25.6	28.2	2.18 U

SB-282 07/21/08 Constituent	3.50 – 3.50	8.00 – 8.00
Total PCBs	0.0725 J	0.229 UJ

SB-331 08/11/08 Constituent	4.00 – 4.00	10.00 – 10.00
BAP	0.172 U	0.191 U
Total PCBs	0.0508 U	0.709 J
Arsenic	2.58 U	4.76
Cadmium	0.26 U	0.29 U
Chromium	2.71	11
Lead	4.78	8.08
Nickel	2.67	14.1

SS-47 12/02/08 Constituent	0.00 – 0.50
BAP	0.21 U
Total PCBs	1.64 J
Arsenic	3.48
Cadmium	0.60
Chromium	9.34
Lead	105
Nickel	4.98

SB-280 07/23/08 Constituent	4.00 – 4.00	9.50 – 9.50
Total PCBs	0.378 J	0.126 U
Arsenic	21.3	9.02
Cadmium	9.1	0.55 U
Chromium	23.2	15.2
Lead	1980	5.61
Nickel	15	19.6

SS-49 12/02/08 Constituent	0.00 – 0.50
BAP	0.211 U
Total PCBs	0.185 J
Arsenic	3.98
Cadmium	0.72
Chromium	13
Lead	253
Nickel	6.74

SS-48 12/02/08 Constituent	0.00 – 0.50
BAP	0.208 U
Total PCBs	0.0581 U
Arsenic	3.5
Cadmium	0.34
Chromium	7.73
Lead	47.4
Nickel	3.69

SB-330 08/11/08 Constituent	4.00 – 4.00	9.00 – 9.00
Total PCBs	0.05 U	0.0554 U

SB-279 07/23/08 Constituent	4.00 – 4.00	11.00 – 11.00
BAP	2.7	0.195 U
Total PCBs	0.4701 J	0.0564 U
Arsenic	41.5	2.93 U
Cadmium	4.39	0.30 U
Chromium	75.6	3.77
Lead	2060	36.2
Nickel	35.9	2.27

SB-5 03/31/08 Constituent	1.00 – 1.00	8.00 – 8.00
BAP	0.18 U	0.18 U
Total PCBs	0.0534 U	0.0517 U
Arsenic	2.69 U	2.62 U
Cadmium	0.27 U	0.27 U
Chromium	7.7	2.75
Lead	27.9	3.45
Nickel	5.92	2.16

SB-4 03/31/08 Constituent	1.00 – 1.00	3.50 – 3.50	DUP 3.50 – 3.50
BAP	0.18 U	0.18 U	0.18 U
Total PCBs	0.0523 U	0.0512 U	0.0508 U
Arsenic	2.65 U	2.58 U	2.6 U
Cadmium	0.27 U	0.26 U	0.26 U
Chromium	6.3	2.93	3.42
Lead	12.1	14.9	14.8
Nickel	4.93	3.02	3.39

SB-3 03/31/08 Constituent	1.00 – 1.00	3.00 – 3.00
BAP	0.18 U	0.18 U
Total PCBs	0.0502 U	0.0500 U
Arsenic	2.62 U	2.6 U
Cadmium	0.27 U	0.26 U
Chromium	3.38	2.96
Lead	18.1	6.42
Nickel	3.38	3.18

SB-2 03/31/08 Constituent	1.00 – 1.00	3.00 – 3.00
BAP	0.18 U	0.18 U
Total PCBs	0.052 U	0.0500 U
Arsenic	2.62 U	2.6 U
Cadmium	0.27 U	0.26 U
Chromium	4.11	3.55
Lead	42.8	4.76
Nickel	3.48	3.76

SB-275 07/16/08 Constituent	4.00 – 4.00	9.50 – 9.50
BAP	1.13	0.193 U
Total PCBs	0.125 J	0.0580 U
Arsenic	16.1	2.9 U
Cadmium	0.59	0.29 U
Chromium	11	3.44
Lead	330	3.48
Nickel	14.9	2.25

SB-277 07/16/08 Constituent	4.00 – 4.00	9.00 – 9.00
BAP	0.202 U	0.191 U
Total PCBs	15.2 J	0.0576 U
Arsenic	16.7	2.87 U
Cadmium	2.08	0.29 U
Chromium	16.9	4.3
Lead	977	3.99
Nickel	15	4.44

SB-274 07/16/08 Constituent	4.00 – 4.00	DUP 4.00 – 4.00	8.00 – 8.00
BAP	22.2	29.5	0.207 U
Total PCBs	1.099 J	0.892 J	0.0544 U
Arsenic	38.9	41.6	3.1 U
Cadmium	3.4	3.97	0.31 U
Chromium	44.3	48.1	4.94
Lead	1750	1450	4.97
Nickel	113	43.6	2.22

SS-44 12/02/08 Constituent	0.00 – 0.50
BAP	0.201 U
Total PCBs	0.0598 U
Arsenic	3.01 U
Cadmium	0.31 U
Chromium	4.87
Lead	22.2
Nickel	2.28

SB-273 07/16/08 Constituent	5.50 – 5.50	8.00 – 8.00
BAP	0.261 U	0.182 U
Total PCBs	0.248 J	0.0536 U
Arsenic	10.6	3.14
Cadmium	6.12	0.28 U
Chromium	11.3	7.29
Lead	456	2.92
Nickel	15.8	5.14

SB-327 08/11/08 Constituent	2.00 – 2.00	6.00 – 6.00
Total PCBs	0.0507 U	0.18 UJ

SB-350 08/21/08 Constituent	0.50 – 0.50	5.00 – 5.00	8.00 – 8.00
BAP	NA	0.238 U	0.182 U
Total PCBs	0.0545 U	0.862 J	0.0531 U
Arsenic	NA	59.8	2.73 U
Cadmium	NA	4.74	0.28 U
Chromium	NA	1370	8.2
Lead	NA	638	3.83
Nickel	NA	167	4.73

SS-62 12/02/08 Constituent	0.00 – 0.50
BAP	0.206 U
Total PCBs	0.857 J
Arsenic	3.09 U
Cadmium	0.44
Chromium	17.6
Lead	95.3
Nickel	6.05

SB-283 07/17/08 Constituent	3.50 – 3.50	DUP 3.50 – 3.50	6.00 – 6.00
BAP	7.2	9.5	0.567 U
Total PCBs	0.813 J	1.091 J	0.147 U
Arsenic	19.8	18.8	13.5
Cadmium	3.93	4.65	0.86 U
Chromium	30.4	26.6	9.55
Lead	1450	1680	13.5
Nickel	21.5	20.2	4.75

SS-60 12/02/08 Constituent	0.00 – 0.50
BAP	0.252
Total PCBs	0.701 J
Arsenic	3.31 U
Cadmium	1.55
Chromium	25.4
Lead	186
Nickel	7.74

SS-59 12/02/08 Constituent	0.00 – 0.50	DUP 0.00 – 0.50
BAP	0.211 U	0.211 U
Total PCBs	0.511 J	0.498 J
Arsenic	3.17 U	3.16 U
Cadmium	0.49	0.46
Chromium	13.7	11.5
Lead	144	113
Nickel	5.03	4.25

SS-61 12/02/08 Constituent	0.00 – 0.50
BAP	0.651
Total PCBs	0.199 J
Arsenic	3.34
Cadmium	0.30 U
Chromium	17.9
Lead	68
Nickel	8.81

SB-290 07/21/08 Constituent	2.50 – 2.50	6.00 – 6.00
Total PCBs	0.127 J	0.0532 U

SS-58 12/02/08 Constituent	0.00 – 0.50
BAP	0.213 U
Total PCBs	0.0578 U
Arsenic	3.19 U
Cadmium	0.32 U
Chromium	9.21
Lead	7.87
Nickel	6.01

SB-291 07/21/08 Constituent	2.00 – 2.00	6.00 – 6.00
Total PCBs	0.127 J	0.0533 U

SS-56 12/02/08 Constituent	0.00 – 0.50
BAP	0.213 U
Total PCBs	0.0648 U
Arsenic	4.5
Cadmium	0.32 U
Chromium	14.2
Lead	67.2
Nickel	8.62

SS-55 12/02/08 Constituent	0.00 – 0.50
BAP	0.208 U
Total PCBs	0.148 J
Arsenic	3.92
Cadmium	0.32 U
Chromium	8.59
Lead	89.4
Nickel	4.52

SS-54 12/02/08 Constituent	0.00 – 0.50
BAP	0.211 U
Total PCBs	0.2189 J
Arsenic	3.55
Cadmium	0.33
Chromium	9.16
Lead	54.4
Nickel	4.42

NBHS-SS-3 08/05/08 Constituent	0.00 – 0.50
Total PCBs	0.316 J

NBHS-8 07/28/08 Constituent	2.50 – 2.50	6.00 – 6.00
Total PCBs	0.051 U	0.0687 J

SB-318 08/08/08 Constituent	4.00 – 4.00	8.00 – 8.00
Total PCBs	0.0569 U	0.0531 U

SS-53 12/02/08 Constituent	0.00 – 0.50
BAP	0.216
Total PCBs	0.429 J
Arsenic	3.11 U
Cadmium	0.34
Chromium	10.6
Lead	67.2
Nickel	4.99

NBHS-8 07/28/08 Constituent	3.00 – 3.00	6.00 – 6.00
Total PCBs	1.13 J	0.0553 U
Arsenic	4.17	2.85 U
Cadmium	0.90	0.29 U
Chromium	31	4.53
Lead	322	2.99
Nickel	9.14	2.33

NBHS-7 07/29/08 Constituent	3.00 – 3.00	7.00 – 7.00
BAP	0.177 U	0.188 U
Total PCBs	0.183 J	0.0532 U
Arsenic	2.65 U	2.82 U
Cadmium	0.27 U	0.29 U
Chromium	7.39	2.26
Lead	13.7	2.03
Nickel	5.35	1.49

SS-64 12/15/08 Constituent	0.00 – 0.50
BAP	0.31 U
Arsenic	4.64 U
Cadmium	0.47 U
Chromium	5.45
Lead	15.7
Nickel	4.51

SS-63 12/15/08 Constituent	0.00 – 0.50
BAP	0.202 U
Arsenic	3.02 U
Cadmium	0.31 U
Chromium	3.84
Lead	6.35
Nickel	4.02

NBHS-SS-4 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.0554 U

SB-293 07/21/08 Constituent	6.50 – 6.50	9.00 – 9.00	12.00 – 12.00
BAP	0.222 U	0.719 U	NA
Total PCBs	0.0684 U	0.202 UJ	NA
Arsenic	16.1	31.6	2.89 U
Cadmium	0.61	16.2	0.29 U
Chromium	14.3	23.8	4.74
Lead	396	848	3.2
Nickel	14	25.9	2.76

SS-51 12/02/08 Constituent	0.00 – 0.50
BAP	0.21 U
Total PCBs	0.0717 J
Arsenic	3.15 U
Cadmium	0.32 U
Chromium	5.57
Lead	21.6
Nickel	2.37

SB-312 08/05/08 Constituent	5.00 – 5.00	9.00 – 9.00
BAP	0.187 U	0.174 U
Total PCBs	19.7 J	0.0500 U
Arsenic	2.8 U	2.6 U
Cadmium	0.28 U	0.26 U
Chromium	2.06	4.05
Lead	2.97	4.88
Nickel	2.37	3.4

NBHS-SS-2 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.26 J

SB-319 08/08/08 Constituent	4.00 – 4.00	7.00 – 7.00
BAP	0.224 U	0.206 U
Total PCBs	0.063 U	0.0674 U
Arsenic	12.4	5.0
Cadmium	0.65	0.31 U
Chromium	14.5	28.1
Lead	483	13.7
Nickel	18.8	16.1

SS-65 12/15/08 Constituent	0.00 – 0.50
BAP	0.25 U
Arsenic	3.75 U
Cadmium	0.38 U
Chromium	8.43
Lead	16.9
Nickel	10.4

NBHS-4 07/31/08 Constituent	2.00 – 2.00	6.00 – 6.00	DUP 6.00 – 6.00	8.00 – 8.00
BAP	NA	0.181 U	1.64	0.174 U
Total PCBs	0.0559 U	0.0513 U	0.0508 U	0.0518 U
Arsenic	NA	2.71 U	2.86	3.31
Cadmium	NA	0.28 U	0.28 U	0.27 U
Chromium	NA	5.33	8.46	5.29
Lead	NA	9.74	15.7	2.86
Nickel	NA	3.75	5.91	3.02

SB-294 07/21/08 Constituent	4.00 – 4.00	8.50 – 8.50	12.00 – 12.00
Total PCBs	0.0649 U	0.162 UJ	NA
Arsenic	40.6	14	4.27
Cadmium	2.1	3.14	2.75
Chromium	36.5	14.5	9.77
Lead	3260	790	257
Nickel	31.8	13.7	8.03

SS-41 08/08/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.188 U	0.175 U
Total PCBs	0.0539 U	0.0516 U
Arsenic	2.97	2.62 U
Cadmium	0.29 U	0.27 U
Chromium	5.21	3.01
Lead	9.69	12.1
Nickel	2.93	2.45

SB-320 08/08/08 Constituent	5.00 – 5.00	8.00 – 8.00
Total PCBs	0.0672 U	0.238 UJ
Arsenic	55.8	10.3 U
Cadmium	7.87	1.03 U
Chromium	107	8.55
Lead	2240	15.1
Nickel	99.7	4.91

NBHS-5 07/30/08 Constituent	4.00 – 4.00	8.00 – 8.00
Total PCBs	0.192 J	0.0599 U
Arsenic	2.64 U	3.0 U
Cadmium	0.27 U	0.30 U
Chromium	6.4	5.38
Lead	4.05	3.46
Nickel	5.45	3.85

SB-313 08/04/08 Constituent	5.00 – 5.00	8.00 – 8.00
Total PCBs	6.32 J	0.0529 U

NBHS-SS-10 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.192 J

SB-295 07/22/08 Constituent	5.50 – 5.50	9.00 – 9.00
Total PCBs	0.0798 U	0.0531 U

SS-40 08/08/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.195 U	1.11
Total PCBs	0.0589 U	0.618 J
Arsenic	2.93 U	7.24
Cadmium	0.30 U	1.53
Chromium	5.66	15.4
Lead	13.9	819
Nickel	3.01	10.7

SS-39 08/08/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.187 U	0.175 U
Total PCBs	0.0541 U	0.0562 U
Arsenic	2.8 U	2.62 U
Cadmium	0.28 U	0.27 U
Chromium	5.06	2.52
Lead	8.45	2.93
Nickel	3.32	2.23

SS-38 08/08/08 Constituent	0.50 – 0.50	1.50 – 1.50
BAP	0.198 U	0.317
Total PCBs	0.611 J	0.58 J
Arsenic	4.1	16
Cadmium	0.47	1.05
Chromium	6.89	12.6
Lead	167	605
Nickel	3.95	11.2

SB-296 07/22/08 Constituent	5.00 – 5.00	DUP 5.00 – 5.00	10.00 – 10.00
BAP	0.233 U	0.226 U	0.198 U
Total PCBs	0.0676 U	0.0711 U	0.0597 U
Arsenic	10.3	10.5	2.96 U
Cadmium	5.55	2.29	0.30 U
Chromium	16.2	22.4	2.8
Lead	353	436	2.01
Nickel	14.1	11.7	2.46

NBHS-SS-5 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.0956 J

SS-36 08/07/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.198 U	3.07
Total PCBs	0.0583 U	0.0564 U
Arsenic	6.97	23.1
Cadmium	0.30 U	0.58
Chromium	5.76	14.2
Lead	17.3	1270
Nickel	3.71	43.9

SB-321 08/08/08 Constituent	4.00 – 4.00	9.00 – 9.00
Total PCBs	0.0616 U	0.0589 U

NBHS-3 07/30/08 Constituent	4.00 – 4.00	6.00 – 6.00
Total PCBs	0.147 J	0.052 U

SS-37 08/08/08 Constituent	0.50 – 0.50	2.00 – 2.00	DUP 2.00 – 2.00
BAP	0.192 U	6.76	0.421
Total PCBs	0.0551 U	0.144 J	0.16 J
Arsenic	4.09	5.48	4.1
Cadmium	0.29 U	0.35	0.37
Chromium	5.68	7.35	7.01
Lead	14.7	302	270
Nickel	4.0	7.03	6.43

NBHS-2 08/04/08 Constituent	1.50 – 1.50	3.50 – 3.50	5.00 – 5.00
Total PCBs	0.05 U	0.0501 U	0.0535 U

NBHS-SS-6 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.0524 U

SS-31 08/07/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.195 U	0.212 U
Total PCBs	0.0664 J	0.0592 U
Arsenic	2.99	9.18
Cadmium	0.30 U	0.82
Chromium	5.66	10.5
Lead	31.7	302
Nickel	6.18	12.7

SB-298 08/04/08 Constituent	4.00 – 4.00	8.00 – 8.00
Total PCBs	0.0630 U	0.255 UJ
Arsenic	17.1	12 U
Cadmium	0.58	1.2 U
Chromium	15.4	4.9
Lead	869	12.2
Nickel	14.8	3.03

SB-299 08/04/08 Constituent	4.00 – 4.00	8.00 – 8.00
Total PCBs	0.0666 U	0.206 UJ

SB-278 07/17/08 Constituent	4.00 – 4.00	6.00 – 6.00
Total PCBs	1.37 J	0.189 UJ

SB-349 08/21/08 Constituent	1.00 – 1.00	8.00 – 8.00	DUP 8.00 – 8.00	11.00 – 11.00	14.00 – 14.00
BAP	NA	0.715	1.12	0.627 U	NA
Total PCBs	4.22 J	0.174 J	0.504 J	0.186 UJ	NA
Arsenic	NA	10.9	10.8	14.5	2.97 U
Cadmium	NA	1.74	0.63	0.94 U	0.30 U
Chromium	NA	22.7	23.3	27	2.9
Lead	NA	571	374	207	2.75
Nickel	NA	48.1	23.1	39.3	1.96

SS-29 08/07/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.20 U	0.208 U
Total PCBs	0.0578 U	0.432 J
Arsenic	2.99 U	8.34
Cadmium	0.30 U	0.72
Chromium	5.19	13
Lead	26.9	426
Nickel	3.28	12.4

SS-24 08/08/08 Constituent	0.50 – 0.50	1.50 – 1.50
BAP	0.198 U	0.184 U
Total PCBs	0.0545 U	0.0524 U
Arsenic	3.19	2.76 U
Cadmium	0.30 U	0.28 U
Chromium	8.84	2.41
Lead	31.5	9.45
Nickel	6.17	2.79

SB-322 08/08/08 Constituent	3.50 – 3.50	10.50 – 10.50
BAP	23.8	1.65
Total PCBs	0.056 U	0.168 UJ
Arsenic	9.58	9.26 U
Cadmium	0.31 U	0.93 U
Chromium	12.3	11.3
Lead	357	72.3
Nickel	13.5	3.81

NBHS-SS-8 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.0508 U

SS-46 12/02/08 Constituent	0.00 – 0.50
BAP	0.206 U
Total PCBs	0.0617 U
Arsenic	3.33
Cadmium	0.31 U
Chromium	7.08
Lead	21.1
Nickel	3.17

SB-1 03/31/08 Constituent	1.00 – 1.00	3.00 – 3.00
BAP	0.18 U	0.18 U
Total PCBs	0.052 U	0.0523 U
Arsenic	2.63 U	2.6 U
Cadmium	0.27 U	0.26 U
Chromium	3.85	3.09
Lead	35.1	11.1
Nickel	3.84	3.23

NBHS-1 07/29/08 Constituent	8.00 – 8.00	12.00 – 12.00
BAP	2.86	0.665 U
Total PCBs	1.809 J	0.23 UJ
Arsenic	34	9.97 U
Cadmium	8.78	1.0 U
Chromium	154	13.7
Lead	2780	12.1
Nickel	173	9.95

SB-301 07/22/08 Constituent	7.00 – 7.00	10.50 – 10.50
Total PCBs	0.0648 U	0.0795 U

SB-300 07/22/08 Constituent	4.00 – 4.00	8.00 – 8.00
BAP	0.216 U	0.755 U
Total PCBs	0.0636 U	0.235 UJ
Arsenic	9.93	11.4 U
Cadmium	0.50	1.14 U
Chromium	12.1	3.31
Lead	142	9.62
Nickel	13.3	2.27 U

SB-304 07/22/08 Constituent	5.00 – 5.00	8.00 – 8.00
Total PCBs	0.0670 U	0.211 UJ

SS-12 08/06/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.18 U	0.177 U
Total PCBs	0.679 J	0.0511 U
Arsenic	2.69 U	2.65 U
Cadmium	0.27 U	0.27 U
Chromium	2.58	1.92
Lead	42.9	4.03
Nickel	1.53	2.07

SS-27 08/07/08 Constituent	0.50 – 0.50	2.00 – 2.00
BAP	0.188 U	0.254
Total PCBs	0.0882 J	0.637 J
Arsenic	2.82 U	3.46
Cadmium	0.42	0.73
Chromium	6.33	7.85
Lead	40.3	284
Nickel	4.76	6.56

SB-302 07/22/08 Constituent	2.50 – 2.50	8.00 – 8.00
Total PCBs	0.0640 U	0.205 UJ
Arsenic	8.84	10.7 U
Cadmium	0.51	1.07 U
Chromium	9.81	2.17
Lead	2440	4.73
Nickel	11.6	2.13 U

NBHS-SS-8 08/06/08 Constituent	0.00 – 0.50	DUP 0.00 – 0.50
Total PCBs	0.0523 U	0.0530 U

SS-42 12/02/08 Constituent	0.00 – 0.50
BAP	0.199 U
Total PCBs	0.0549 U
Arsenic	3.0
Cadmium	0.30 U
Chromium	5.29
Lead	17.5
Nickel	2.64

NBHS-SS-7 08/06/08 Constituent	0.00 – 0.50
Total PCBs	0.102 J

SB-324 08/08/08 Constituent	4.50 – 4.50	8.50 – 8.50
Total PCBs	0.0554 U	0.0612 U

SB-323 08/08/08 Constituent	5.00 – 5.00	9.00 – 9.00
Total PCBs	0.0682 U	0.0573 U
Arsenic	22.9	4.18
Cadmium	0.73	0.30 U
Chromium	12.3	5.89
Lead	113	6.99
Nickel	17.8	5.24

SB-276 07/16/08 Constituent	4.00 – 4.00	9.50 – 9.50
Total PCBs	0.0999 J	0.0587 U

SB-328 08/11/08 Constituent	4.00 – 4.00	10.00 – 10.00
Total PCBs	0.0542 U	0.0604 J

SB-303 07/22/08 Constituent	5.00 – 5.00	10.00 – 10.00
BAP	0.279 U	0.932 U
Total PCBs	0.0689 U	0.273 UJ
Arsenic	31.9	14 U
Cadmium	1.34	1.4 U
Chromium	24.4	8.56
Lead	1820	4.19 U
Nickel	27.3	5.69

SS-43 12/02/08 Constituent	0.00 – 0.50
BAP	0.199 U
Total PCBs	0.0581 U
Arsenic	2.98 U
Cadmium	0.30 U
Chromium	7.92
Lead	55.2
Nickel	4.2

SB-267 07/14/08 Constituent	1.00 – 1.00	3.50 – 3.50	9.00 – 9.00
BAP	0.271	0.207 U	0.199 U
Total PCBs	0.0500 U	0.0586 U	0.0584 U
Arsenic	3.19	14.3	4.84
Cadmium	0.26 U	0.31 U	0.30 U
Chromium	5.14	5.3	3.81
Lead	47.9	209	3.13
Nickel	3.98	11.7	4.02

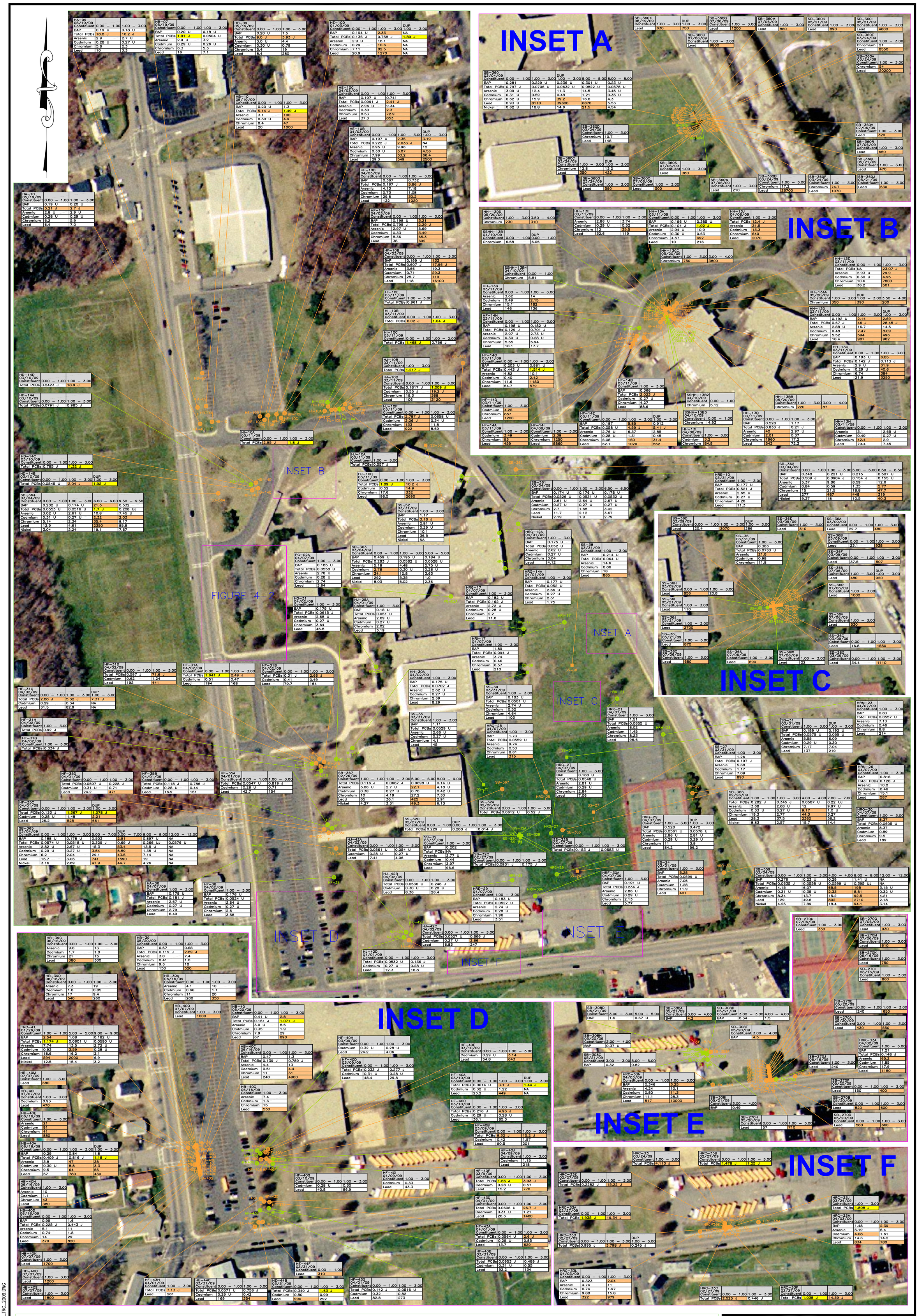
SB-277 07/16/08 Constituent	1.00 – 1.00	3.00 – 3.00	10.00 – 10.00
BAP	NA	0.216 U	0.202 U
Total PCBs	0.578 J	0.0685 U	0.0580 U
Arsenic	NA	19	3.47
Cadmium	NA	0.39	0.31 U
Chromium	NA	14.6	3.27
Lead	NA	247	2.37
Nickel	NA	22	4.25

SB-305 07/22/08 Constituent	4.00 – 4.00	9.00 – 9.00
Total PCBs	0.0611 U	0.0593 U
Arsenic	8.68	3.04 U
Cadmium	1.55	0.31 U
Chromium	18.3	2.88
Lead	3970	7.8
Nickel	14.7	2.4

SS-25 08/07/08 Constituent	0.50 – 0.50	1.50 – 1.50
BAP	0.20 U	0.214
Total PCBs	0.0592 U	0.2852 J
Arsenic	3.42	3.96
Cadmium	0.30 U	0.69
Chromium	15.7	10.5
Lead	24.3	141
Nickel	7.33	5.3

SB-271 07/16/08 Constituent	1.00 – 1.00	3.50 – 3.50	10.00 – 10.00
BAP	NA	0.221 U	0.22 U
Total PCBs	0.0500 U	0.0654 U	0.0670 U
Arsenic	NA	10.5	4.05
Cadmium	NA	0.34 U	0.33 U
Chromium	NA	7.03	4.03
Lead	NA	126	2.5
Nickel	NA	12.8	4.55

SB-306 07/23/08 Constituent	1.00 – 1.00	4.00 – 4.00	7.00 – 7.00
Total PCB



Summary of Regulatory Comparison Criteria for Soil (mg/kg)						
Contaminant Names	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA
Benzo(a)pyrene (BAP)	2	2	4	4	2	N/A
Total PCBs	2	2	3	3	2	1
Arsenic	20	20	20	20	20	N/A
Cadmium	2	2	30	30	2	N/A
Chromium	30	30	200	200	30	N/A
Lead	300	300	300	300	300	N/A
Nickel	20	20	700	700	20	N/A

NOTES:
ALL UNITS IN MG/KG UNLESS OTHERWISE SPECIFIED.
MG/KG - MILLIGRAMS PER KILOGRAM (DRY WEIGHT).
J - ESTIMATED VALUE.
NA - SAMPLE NOT ANALYZED FOR THE LISTED ANALYTE.
N/A - NOT APPLICABLE.
PCBS - POLYCHLORINATED BIPHENYLS.
RC - REPORTABLE CONCENTRATION.
TSCA - TOXIC SUBSTANCES CONTROL ACT.
U - COMPOUND WAS NOT DETECTED AT SPECIFIED QUANTITATION LIMIT.
UJ - ESTIMATED NON-DETECT.

VALUES SHOWN IN PEACH BACKGROUND EXCEED ONE OR MORE OF THE LISTED MASSDEP METHOD 1 STANDARDS.

VALUES SHOWN IN YELLOW BACKGROUND EXCEED TSCA BUT ARE LESS THAN THE LISTED MASSDEP METHOD 1 STANDARDS AND RC.

SAMPLE LOCATION
SAMPLE DATE
SB-248
07/11/08
Constituent 0.50 – 0.50 — SAMPLE DEPTH (DEPTH RANGE) IN FEET
BAP 0.302
Total PCBs 0.0642 U
Arsenic 3.3 U
Cadmium 0.46
Chromium 24.5
Lead 113
Nickel 6.65
CONTAMINANT NAME /ABBREVIATION

- SOIL BORING
- SURFACE SOIL
- SOIL BORING THAT HAS CONCENTRATION WITH EXCEEDANCE
- SURFACE SOIL THAT HAS CONCENTRATION WITH EXCEEDANCE

APPROXIMATE GRAPHIC SCALE
0' 50' 100' 200'

NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

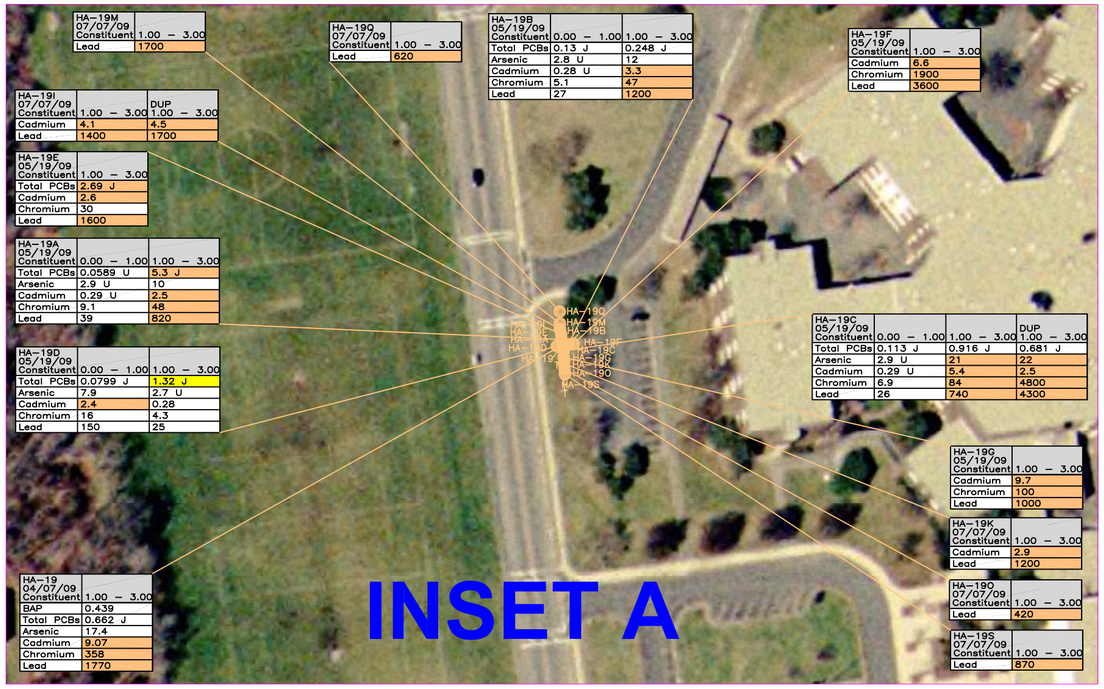
SOIL SAMPLING SUMMARY MAP(2009)

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

FIGURE 4-1

DRAWN BY: PZ
CHECKED BY: DMS
DATE: JANUARY 2010

FILE: Q:\GEOSCI\GISKEY\Projects\NewBedford\NBHS_Soil_TRC_2009.DWG



HA-19M 07/07/09 Constituent	1.00 – 3.00
Lead	1700

HA-19O 07/07/09 Constituent	1.00 – 3.00
Lead	620

HA-19B 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.13 J	0.248 J
Arsenic	2.8 U	12
Cadmium	0.28 U	3.3
Chromium	5.1	47
Lead	27	1200

HA-19F 05/19/09 Constituent	1.00 – 3.00
Cadmium	6.6
Chromium	1900
Lead	3600

HA-19I 07/07/09 Constituent	1.00 – 3.00	DUP 1.00 – 3.00
Cadmium	4.1	4.5
Lead	1400	1700

HA-19E 05/19/09 Constituent	1.00 – 3.00
Total PCBs	2.69 J
Cadmium	2.6
Chromium	30
Lead	1600

HA-19A 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.0589 U	5.3 J
Arsenic	2.9 U	10
Cadmium	0.29 U	2.5
Chromium	9.1	48
Lead	39	820

HA-19D 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.0799 J	1.32 J
Arsenic	7.9	2.7 U
Cadmium	2.4	0.28
Chromium	16	4.3
Lead	150	25

HA-19C 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
Total PCBs	0.113 J	0.916 J	0.681 J
Arsenic	2.9 U	21	22
Cadmium	0.29 U	5.4	2.5
Chromium	6.9	84	4800
Lead	26	740	4300

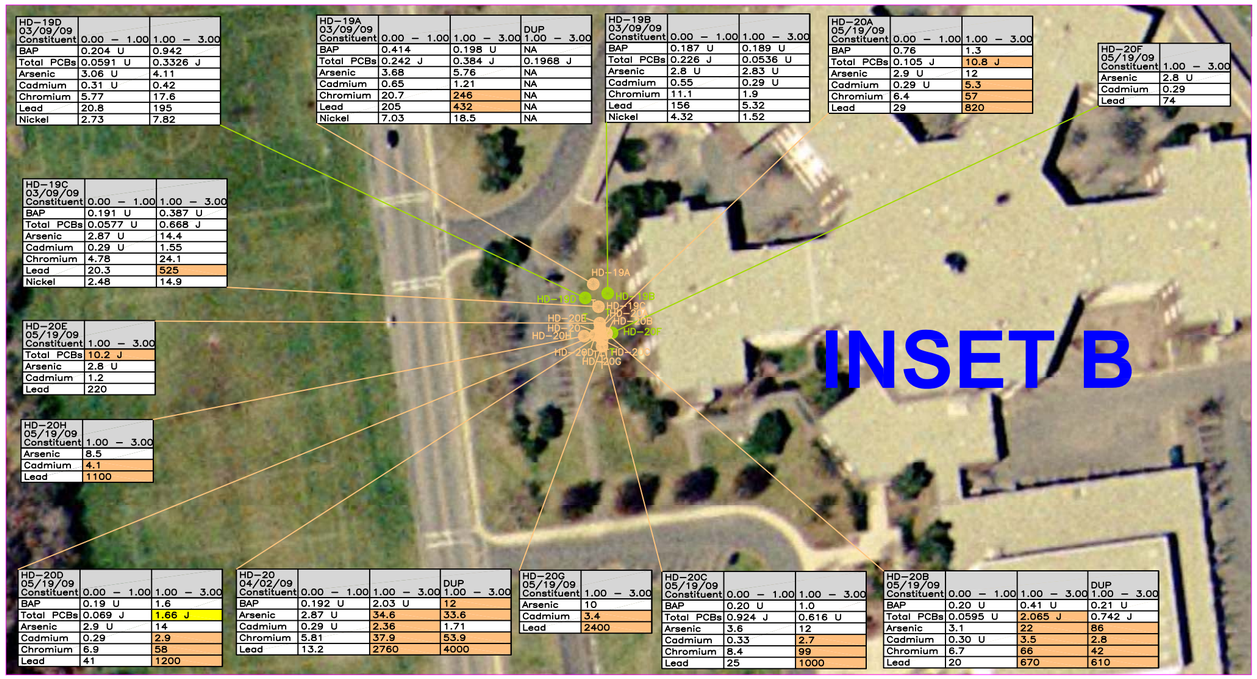
HA-19G 05/19/09 Constituent	1.00 – 3.00
Cadmium	9.7
Chromium	100
Lead	1000

HA-19K 07/07/09 Constituent	1.00 – 3.00
Cadmium	2.9
Lead	1200

HA-19O 07/07/09 Constituent	1.00 – 3.00
Lead	420

HA-19S 07/07/09 Constituent	1.00 – 3.00
Lead	870

HA-19 04/07/09 Constituent	1.00 – 3.00
BAP	0.439
Total PCBs	0.662 J
Arsenic	17.4
Cadmium	9.07
Chromium	358
Lead	1770



HD-19D 03/09/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.204 U	0.942
Total PCBs	0.0591 U	0.3326 J
Arsenic	3.06 U	4.11
Cadmium	0.31 U	0.42
Chromium	5.77	17.6
Lead	20.8	195
Nickel	2.73	7.82

HD-19A 03/09/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
BAP	0.414	0.198 U	NA
Total PCBs	0.242 J	0.384 J	0.1968 J
Arsenic	3.68	5.76	NA
Cadmium	0.65	1.21	NA
Chromium	20.7	246	NA
Lead	205	432	NA
Nickel	7.03	18.5	NA

HD-19B 03/09/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.187 U	0.189 U
Total PCBs	0.226 J	0.0536 U
Arsenic	2.8 U	2.83 U
Cadmium	0.55	0.29 U
Chromium	11.1	1.9
Lead	156	5.32
Nickel	4.32	1.52

HD-20A 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.76	1.3
Total PCBs	0.105 J	10.8 J
Arsenic	2.9 U	12
Cadmium	0.29 U	5.3
Chromium	6.4	57
Lead	29	820

HD-20F 05/19/09 Constituent	1.00 – 3.00
Arsenic	2.8 U
Cadmium	0.29
Lead	74

HD-19C 03/09/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.191 U	0.387 U
Total PCBs	0.0577 U	0.668 J
Arsenic	2.87 U	14.4
Cadmium	0.29 U	1.55
Chromium	4.78	24.1
Lead	20.3	525
Nickel	2.48	14.9

HD-20E 05/19/09 Constituent	1.00 – 3.00
Total PCBs	10.2 J
Arsenic	2.8 U
Cadmium	1.2
Lead	220

HD-20H 05/19/09 Constituent	1.00 – 3.00
Arsenic	8.5
Cadmium	4.1
Lead	1100

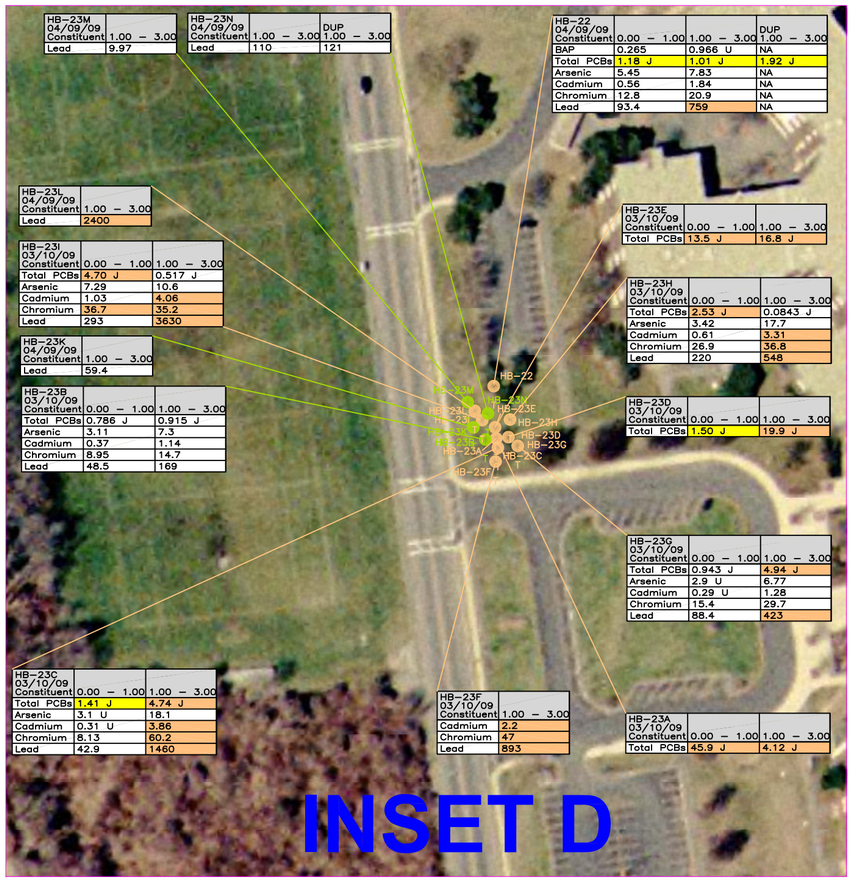
HD-20D 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.19 U	1.6
Total PCBs	0.069 J	1.66 J
Arsenic	2.9 U	14
Cadmium	0.29	2.9
Chromium	6.9	58
Lead	41	1200

HD-20 04/02/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
BAP	0.192 U	2.03 U	12
Arsenic	2.87 U	34.6	33.6
Cadmium	0.29 U	2.36	1.71
Chromium	5.81	37.9	53.9
Lead	13.2	2760	4000

HD-20G 05/19/09 Constituent	1.00 – 3.00
Arsenic	10
Cadmium	3.4
Lead	2400

HD-20C 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00
Arsenic	3.6	12
Total PCBs	0.924 J	0.616 U
Cadmium	0.33	2.7
Chromium	8.4	99
Lead	25	1000

HD-20B 05/19/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
BAP	0.20 U	0.41 U	0.21 U
Total PCBs	0.0595 U	2.065 J	0.742 J
Arsenic	3.1	22	86
Cadmium	0.30 U	3.5	2.8
Chromium	6.7	66	42
Lead	20	670	610



HB-23M 04/09/09 Constituent	1.00 – 3.00
Lead	9.97

HB-23N 04/09/09 Constituent	1.00 – 3.00	DUP 1.00 – 3.00
Lead	110	121

HB-22 04/09/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
BAP	0.265	0.966 U	NA
Total PCBs	1.18 J	1.01 J	1.92 J
Arsenic	5.45	7.83	NA
Cadmium	0.56	1.84	NA
Chromium	12.8	20.9	NA
Lead	93.4	759	NA

HB-23L 04/09/09 Constituent	1.00 – 3.00
Lead	2400

HB-23I 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	4.70 J	0.517 J
Arsenic	7.29	10.6
Cadmium	1.03	4.06
Chromium	36.7	35.2
Lead	293	3630

HB-23K 04/09/09 Constituent	1.00 – 3.00
Lead	59.4

HB-23B 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.786 J	0.915 J
Arsenic	3.11	7.3
Cadmium	0.37	1.14
Chromium	8.95	14.7
Lead	48.5	169

HB-23E 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	13.5 J	16.8 J

HB-23H 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	2.53 J	0.0843 J
Arsenic	3.42	17.7
Cadmium	0.61	3.31
Chromium	26.9	36.8
Lead	220	548

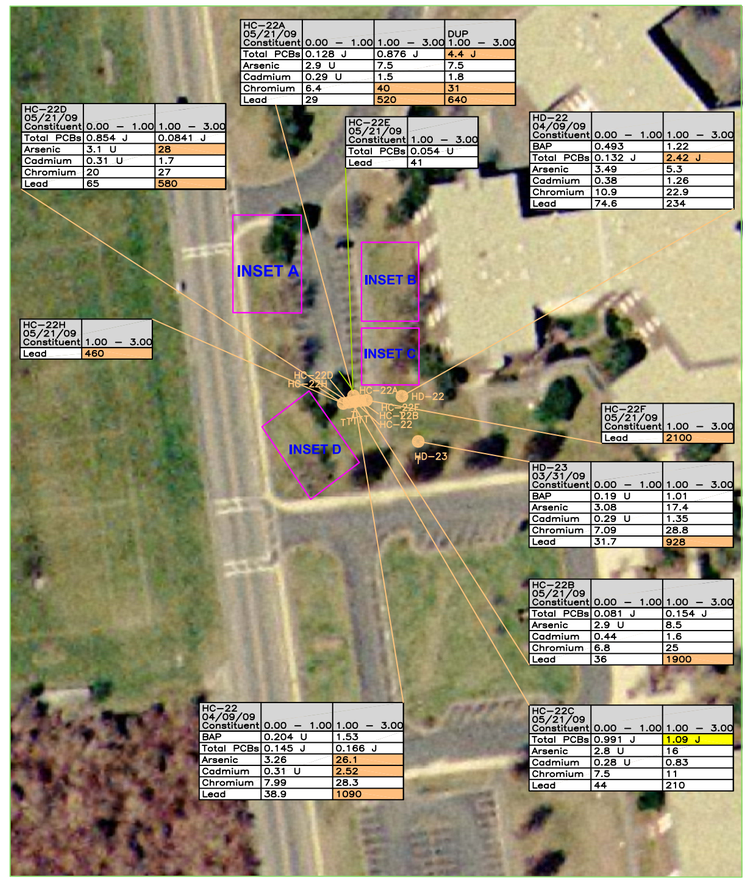
HB-23D 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	1.50 J	19.9 J

HB-23G 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.943 J	4.94 J
Arsenic	2.9 U	6.77
Cadmium	0.29 U	1.28
Chromium	15.4	29.7
Lead	88.4	423

HB-23C 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	1.41 J	4.74 J
Arsenic	3.1 U	18.1
Cadmium	0.31 U	3.86
Chromium	8.13	60.2
Lead	42.9	1460

HB-23F 03/10/09 Constituent	1.00 – 3.00
Cadmium	2.2
Chromium	47
Lead	893

HB-23A 03/10/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	45.9 J	4.12 J



HC-22A 05/21/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
Total PCBs	0.128 J	0.876 J	4.4 J
Arsenic	2.9 U	7.5	7.5
Cadmium	0.29 U	1.5	1.8
Chromium	6.4	40	31
Lead	29	520	640

HC-22D 05/21/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.854 J	0.0841 J
Arsenic	3.1 U	28
Cadmium	0.31 U	1.7
Chromium	20	27
Lead	65	580

HC-22E 05/21/09 Constituent	1.00 – 3.00
Total PCBs	0.054 U
Lead	41

HD-22 04/09/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.493	1.22
Total PCBs	0.132 J	2.42 J
Arsenic	3.49	5.3
Cadmium	0.38	1.26
Chromium	10.9	22.9
Lead	74.6	234

HC-22H 05/21/09 Constituent	1.00 – 3.00
Lead	460

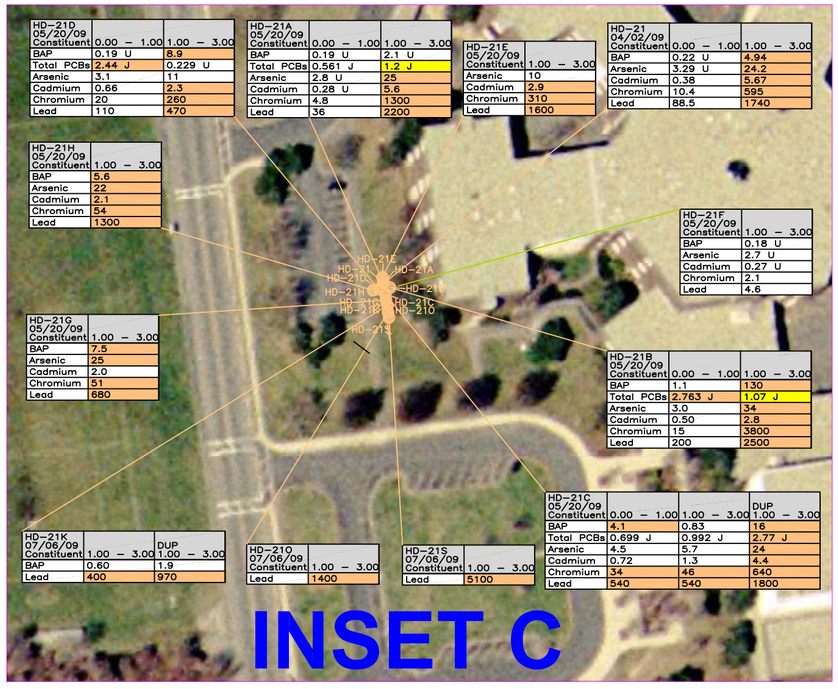
HC-22F 05/21/09 Constituent	1.00 – 3.00
Lead	2100

HD-23 03/31/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.19 U	1.01
Arsenic	3.08	17.4
Cadmium	0.29 U	1.35
Chromium	7.09	28.8
Lead	31.7	928

HC-22B 05/21/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.081 J	0.154 J
Arsenic	2.9 U	8.5
Cadmium	0.44	1.6
Chromium	6.8	25
Lead	36	1900

HC-22 04/09/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.204 U	1.53
Total PCBs	0.145 J	0.166 J
Arsenic	3.26	26.1
Cadmium	0.31 U	2.52
Chromium	7.99	28.3
Lead	38.9	1090

HC-22C 05/21/09 Constituent	0.00 – 1.00	1.00 – 3.00
Total PCBs	0.991 J	1.09 J
Arsenic	2.8 U	16
Cadmium	0.28 U	0.83
Chromium	7.5	11
Lead	44	210



HD-21D 05/20/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.19 U	8.9
Total PCBs	2.44 J	0.229 U
Arsenic	3.1	11
Cadmium	0.66	2.3
Chromium	20	260
Lead	110	470

HD-21A 05/20/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.19 U	2.1 U
Total PCBs	0.561 J	1.2 J
Arsenic	2.8 U	25
Cadmium	0.28 U	5.6
Chromium	4.8	1300
Lead	36	2200

HD-21E 05/20/09 Constituent	1.00 – 3.00
Arsenic	10
Cadmium	2.9
Chromium	310
Lead	1600

HD-21 04/02/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	0.22 U	4.94
Arsenic	3.29 U	24.2
Cadmium	0.38	5.67
Chromium	10.4	595
Lead	88.5	1740

HD-21H 05/20/09 Constituent	1.00 – 3.00
BAP	5.6
Arsenic	22
Cadmium	2.1
Chromium	54
Lead	1300

HD-21F 05/20/09 Constituent	1.00 – 3.00
BAP	0.18 U
Arsenic	2.7 U
Cadmium	0.27 U
Chromium	2.1
Lead	4.6

HD-21G 05/20/09 Constituent	1.00 – 3.00
BAP	7.5
Arsenic	25
Cadmium	2.0
Chromium	51
Lead	680

HD-21B 05/20/09 Constituent	0.00 – 1.00	1.00 – 3.00
BAP	1.1	130
Total PCBs	2.763 J	1.07 J
Arsenic	3.0	34
Cadmium	0.50	2.8
Chromium	15	3800
Lead	200	2500

HD-21K 07/06/09 Constituent	1.00 – 3.00	DUP 1.00 – 3.00
BAP	0.60	1.9
Lead	400	970

HD-21O 07/06/09 Constituent	1.00 – 3.00
Lead	1400

HD-21S 07/06/09 Constituent	1.00 – 3.00
Lead	5100

HD-21C 05/20/09 Constituent	0.00 – 1.00	1.00 – 3.00	DUP 1.00 – 3.00
BAP	4.1	0.83	16
Total PCBs	0.699 J	0.992 J	2.77 J
Arsenic	4.5	5.7	24
Cadmium	0.72	1.3	4.4
Chromium	34	46	640
Lead	540	540	1800

APPROXIMATE GRAPHIC SCALE

0' 50' 100' 200'

Summary of Regulatory Comparison Criteria for Soil (mg/kg)

Contaminant Names	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA
Benzo(a)pyrene (BAP)	2	2	4	4	2	N/A
Total PCBs	2	2	3	3	2	1
Arsenic	20	20	20	20	20	N/A
Cadmium	2	2	30	30	2	N/A
Chromium	30	30	200	200	30	N/A
Lead	300	300	300	300	300	N/A
Nickel	20	20	700	700	20	N/A

NOTES:
ALL UNITS IN MG/KG UNLESS OTHERWISE SPECIFIED.
MG/KG - MILLIGRAMS PER KILOGRAM (DRY WEIGHT).
J - ESTIMATED VALUE.
NA - SAMPLE NOT ANALYZED FOR THE LISTED ANALYTE.
N/A - NOT APPLICABLE.
PCBS - POLYCHLORINATED BIPHENYLS.
RC - REPORTABLE CONCENTRATION.
TSCA - TOXIC SUBSTANCES CONTROL ACT.
U - COMPOUND WAS NOT DETECTED AT SPECIFIED QUANTITATION LIMIT.
UJ - ESTIMATED NON-DETECT.

VALUES SHOWN IN PEACH BACKGROUND EXCEED ONE OR MORE OF THE LISTED MASSDEP METHOD 1 STANDARDS.

VALUES SHOWN IN YELLOW BACKGROUND EXCEED TSCA BUT ARE LESS THAN THE LISTED MASSDEP METHOD 1 STANDARDS AND RC.

SAMPLE LOCATION
SAMPLE DATE

SB-248 07/11/08 Constituent	0.50 – 0.50
BAP	0.302
Total PCBs	0.0642 U
Arsenic	3.3 U
Cadmium	0.46
Chromium	24.5
Lead	113
Nickel	6.65

SAMPLE DEPTH (DEPTH RANGE) IN FEET

CONTAMINANT NAME /ABBREVIATION

SOIL BORING

SOIL BORING THAT HAS CONCENTRATION WITH EXCEEDANCE

NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

SOIL SAMPLING SUMMARY MAP (2009)

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

DRAWN BY: PZ
CHECKED BY: JS
DATE: JANUARY 2010

FIGURE 4-2

FILE: Q:\GEOSCI\GISKEYProjects\NewBedford\NBHS_Soil_TRC_2009.DWG

APPENDIX A

LIMITATIONS

1. TRC's study was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and TRC observed that degree of care and skill generally exercised by other consultants under similar circumstances and conditions. TRC's findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of the study. No other warranty, express or implied, is made. Specifically, TRC does not and cannot represent that the Site contains no hazardous material, oil, or other latent conditions beyond that observed by TRC during its study.

2. This study and report have been prepared on behalf of and for the exclusive use of the City of New Bedford (Client). This report and the findings contained herein shall not otherwise, in whole or in part, be disseminated or conveyed to any other party, or used by any other party in whole or in part, without the prior written consent of TRC.

3. The observations described in this report were made under the conditions stated herein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedure beyond the scope of described services or the time and budgetary assumptions set forth in the Scope of Work.

4. The information contained in this report is based in part upon the data obtained from a limited number of environmental media samples obtained from widely spread subsurface explorations. The nature and extent of variations between those explorations may not become evident until further exploration.

5. The generalized soil profile described in the report is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and samples; actual soil transitions are probably more gradual. For specific information, refer to the boring logs.

6. The information contained in this report is based in part upon various types of chemical data and are contingent upon their validity. It should be noted that variations in the types and concentrations of contaminants may occur due to past disposal practices, the passage of time, and other factors.

7. Chemical analyses have been performed for specific parameters during the course of this Site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study could be present at the Site.

APPENDIX B

SOIL BORING AND GROUNDWATER SAMPLING LOGS

SOIL BORING LOGS

TRC
Wannalancit Mills
650 Suffolk Street
Lowell MA
Telephone: 978-970-5600
Fax: 978-453-1995

BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-1 (B-1)
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN Geologic, Inc./Damien
DATE DRILLED 3/31/08
LOCATION NBHS - Approx. 8' South of light pole (11-feet from manhole)
SAMPLING METHOD 48' Macrocore
DRILLING METHOD Track-Mounted 6620 DT Geoprobe
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 10
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet, NAVD 88) 91.97
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs & MCP metals (plus Hg) (Hold SB-1 (6) and SB-1 (9)).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		NA		S-1		0-6" Dark-brown fine SAND, little silt, trace medium to coarse sand and fine gravel, slightly moist, no odor, no staining.	0.1		
1						6-48" Light-brown fine SAND, little medium to coarse sand and fine gravel, trace medium to coarse gravel, few larger cobbles (>6" diameter), no odor, no staining.		B-1 (1) 0940	
2						Note: Hand auger used from 0-48" bgs due to the presence of nearby utilities.			
3								B-1 (3) 0950	
4		48/34"		S-2		0-34" Light-brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, slightly moist to moist, no odor, no staining.	0.0		
5									
6								B-1 (6) 1015	No monitoring well installed
7									
8		48/36"		S-3		0-18" Light-brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, moist, no odor, no staining.	0.0		
9								B-1 (9) 1020	
10						18-36" Light to medium brown fine SAND, little medium to coarse sand and fine gravel, moist to wet at approximately 10-feet bgs, no odor, no staining.			▽
11									
12						End of Boring @ 12 feet			

TRC
Wannalancit Mills
650 Suffolk Street
Lowell MA
Telephone: 978-970-5600
Fax: 978-453-1995

BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-2 (B-2)
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN Geologic, Inc./Damien
DATE DRILLED 3/31/08
LOCATION NBHS - Approx. 20' North of light pole (28' north of SB-1)
SAMPLING METHOD 48' Macrocore
DRILLING METHOD Track-Mounted 6620 DT Geoprobe
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 10
TOTAL DEPTH (Feet) 16
GROUND ELEVATION (Feet, NAVD 88) 91.88
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs & MCP metals (plus Hg) (Hold SB-2 (6) and SB-2 (9)).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		NA		S-1		0-6" Dark-brown fine SAND, little silt, trace roots, no odor, no staining.	0.0		
1						6-48" Light-orange to brown fine SAND, little medium to coarse sand, trace fine to medium gravel, slightly moist, no odor, no staining.		B-2 (1) 1035	
2						Note: Hand auger used from 0-48" bgs due to the presence of nearby utilities.			
3								B-2 (3) 1050	
4		48/40"		S-2		0-40" Light-brown fine SAND, trace to little medium sand, trace silt and fine gravel, slightly moist to moist, no odor, no staining.	0.0		
5									
6								B-2 (6) 1100	
7									
8		48/48"		S-3		0-48" Orange to brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, moist to wet at approximately 10-feet bgs, no odor, no staining.	0.0		No monitoring well installed
9								B-2 (9) 1110	
10									▽
11									
12		48/48"		S-4		0-24" Light brown fine SAND, little medium to coarse sand, trace fine gravel, wet, no odor, no staining.	0.0		
13									
14						24-48" Gray fine SAND, little silt, wet, no odor, no staining.			
15									
16						End of Boring @ 16 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-3 (B-3)
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN Geologic, Inc./Damien
DATE DRILLED 3/31/08
LOCATION NBHS - Approx. 25' North of SB-2
SAMPLING METHOD 48' Macrocore
DRILLING METHOD Track-Mounted 6620 DT Geoprobe
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 10
TOTAL DEPTH (Feet) 16
GROUND ELEVATION (Feet, NAVD 88) 91.75
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs & MCP metals (plus Hg) (Hold SB-3 (8) and SB-3 (14)).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		NA		S-1		0-6" Dark-brown fine SAND, little silt, trace roots, slightly moist, no odor, no staining.			
1						6-48" Light-orange to brown fine SAND, little medium to coarse sand, trace to little fine to coarse gravel, slightly moist, no odor, no staining.		B-3 (1) 1135	
2						Note: Hand auger used from 0-48"bgs due to the presence of nearby utilities.			
3								B-3 (3) 1140	
4		48/36"		S-2		0-36" Light-brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, slightly moist to moist, no odor, no staining.			
5									
6									
7									
8		48/48"		S-3		0-48" Light-brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, moist to wet at approximately 10-feet bgs, no odor, no staining.		B-3 (8) 1215	No monitoring well installed
9									
10									▽
11									
12		48/30"		S-4		0-18" Light-brown fine SAND, little medium to coarse sand, trace fine gravel, wet, no odor, no staining.			
13									
14						18-30" Gray to brown fine SAND, little silt, wet, no odor, no staining.		B-3 (14) 1230	
15									
16						End of Boring @ 16 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-4 (B-4)
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN Geologic, Inc./Damien
DATE DRILLED 3/31/08
LOCATION NBHS - Approx. 25' North of SB-3
SAMPLING METHOD 48' Macrocore
DRILLING METHOD Track-Mounted 6620 DT Geoprobe
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 10
TOTAL DEPTH (Feet) 16
GROUND ELEVATION (Feet, NAVD 88) 91.62
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs & MCP metals (plus Hg) (Hold SB-4 (8) and SB-4 (14)).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		NA		S-1		0-6" Dark-brown fine SAND, little silt, trace roots, slightly moist, no odor, no staining.	0.0		
1						6-48" Light-orange to brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, some larger cobbles, slightly moist, no odor, no staining.		B-4 (1) 1305	
2						Note: Hand Auger used from 0-48" bgs due to nearby utilities.			
3									
4		48/42"		S-2		0-42" Light-brown fine SAND, little to some fine to coarse gravel, slightly moist, no odor, no staining.	0.0	B-4 (3.5) 1315 B-14 (3.5) 1320 DUP	
5									
6									
7									
8		48/42"		S-3		0-42" Light-brown fine SAND, little medium to coarse sand, trace to little fine to coarse gravel, moist to wet at approximately 10-feet bgs, no odor, no staining.	0.0	B-4 (8) 1325	No monitoring well installed
9									
10									▽
11									
12		48/30"		S-4		0-12" Light-brown fine SAND, little medium to coarse sand, trace fine to coarse gravel, wet, no odor, no staining.	0.0		
13									
14						12-30" Gray fine SAND, some silt, wet, no odor, no staining.		B-4 (14) 1335	
15									
16						End of Boring @ 16 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-5 (B-5)
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN Geologic, Inc./Damien
DATE DRILLED 3/31/08
LOCATION NBHS - Approx. 25' North of SB-4
SAMPLING METHOD 48' Macrocore
DRILLING METHOD Track-Mounted 6620 DT Geoprobe
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 10
TOTAL DEPTH (Feet) 16
GROUND ELEVATION (Feet, NAVD 88) 91.47
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs & MCP metals (plus Hg) (Hold SB-5 (14)).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		NA		S-1		0-6" Dark-brown fine SAND, little silt, trace roots, slightly moist, no odor, no staining.	0.0		
1						6-48" Light-brown fine SAND, little medium to coarse sand and fine to coarse gravel, slightly moist, no odor, no staining.		B-5 (1) 1350	
2						Note: Hand auger used from 0-48" bgs due to the presence of nearby utilities.			
3									
4		48/40"		S-2		0-40" Light-brown fine SAND, little to some medium to coarse sand, little fine to coarse gravel, slightly moist to moist, no odor, no staining.	0.0		
5									
6									
7									
8		48/44"		S-3		0-44" Light-brown fine SAND, little medium to coarse sand and fine to coarse gravel, moist to wet at approximately 10-feet bgs, no odor, no staining.	0.0	B-5 (8) 1400	No monitoring well installed
9									
10									▽
11									
12		48/24"		S-4		0-6" Light brown fine SAND, little medium to coarse sand and fine gravel, wet, no odor, no staining.	0.0		
13						6-24" Gray fine SAND and SILT, wet, no odor, no staining.			
14								B-5 (14) 1410	
15									
16						End of Boring @ 16 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-267
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/14/08
LOCATION North side of Parker St. adjacent to Walsh field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-267 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet, NAVD 88) 86.44
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-2" TOPSOIL with grass. 2-10" Tan to brown fine SAND, some silt and angular gravel. 10-14" Brown fine to medium SAND, some fine gravel. 14-28" Blackish FILL (coal, slag, possible ash), some fine to medium sand. 28-36" Gray SILT, some fine sand, trace clay, moist.	0.0	SB-267 (1) 1530 SB-267 (3.5) 1540	
		48/46"		S-2		0-2" Gray CLAY, some silt, moist. 2-46" Dark-brown PEAT and organic SILT, some wood debris, wet at the bottom.	0.0		No monitoring well installed
		48/44"		S-3		0-2" Dark-brown PEAT. 2-44" Gray fine to medium SAND, some silt, trace rusty areas at top, saturated.	0.0	SB-267 (9) 1545	
						End of Boring @ 12 feet		SB-267 (12) 1550	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-270
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION Southwest corner of Volley Ball Court (neat bus yard)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.12
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs & metals, SB-270 (1) sampled for PCBs only. (Hold SB-270 (12))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-6" Tan SILT and TOPSOIL, trace grass and roots.	0.0		
1						6-14" Gray fine to coarse SAND, trace fine gravel.		SB-270 (1) 0900	
2						14-28" Tan and mottled FILL (ash, coal, slag and cinders), some fine to coarse sand.			
3								SB-270 (3) 0910	
4						28-30" Brown CLAY, some silt.			
		48/34"		S-2		0-2" Brown SILT, some clay.	0.0		
5						2-34" Dark-brown to blackish organic PEAT, fibrous near 8-feet, moist.			
6									No monitoring well installed
7									▽
8		48/38"		S-3		0-8" Dark-brown to blackish organic PEAT, fibrous, moist.	0.0		
9						8-12" SILT (peat stained), some clay, saturated.			
10						12-38" Gray fine SAND, trace silt, saturated.		SB-270 (9.5) 0920	
11									
12						End of Boring @ 12 feet		SB-270 (12) 0925	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-271
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION Approx. 70' eat of SB-270 (across from maintenance yard)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.37
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs, PAHs & metals. SB-271 (1) sampled for PCBs only, SB-271 (3.5) also sampled for PCB homologs. (Hold SB-271 (12))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34"		S-1		0-10" Organic TOPSOIL (2" with grass and roots), some fine to medium sand, trace silt.	0.0		
1						10-14" Orange-rusty SILT, some fine to coarse sand.		SB-271 (1) 0935	
2						14-28" Tan and mottled to blackish FILL (ash, coal, slag and cinders).			
3									
4						28-34" Tan fine SAND, some silt, moist (possible water perched on peat layer).		SB-271 (3.5) 0940	
		48/38"		S-2		0-38" Dark-brown to blackish organic PEAT, SILT and CLAY with fibrous (humic) matter, moist.	0.0		
5									
6									▽ No monitoring well installed
7									
8		48/48"		S-3		0-16" Organic PEAT, saturated.	0.0		
9						16-24" Brownish SILT, some clay (stained by peat).			
10						24-48" Gray fine SAND, trace silt, saturated.		SB-271 (10) 0950	
11									
12						End of Boring @ 12 feet		SB-271 (12) 0955	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-272
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION Approximately 80' east of SB-271
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.66
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs & metals, SB-272 (1) sampled for PCBs only. (Hold SB-272 (12))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38"		S-1		0-16" Tan SILT, some fine sand, trace surficial roots.	0.0		
1								SB-272 (1) 1020	
2						16-28" Blackish to tan mottled FILL (coal, ash, slag, cinders and trace bricks), some fine to coarse sand.			
3						28-38" Tan fine to medium SAND, trace fine gravel and silt.		SB-272 (3) 1025	
4		48/24"		S-2		0-6" Tan fine to medium SAND, trace fine gravel and silt, moist to wet (possibly perched water on top of peat layer).	0.0		
5						6-24" Dark-brown organic PEAT, moist.			
6						(Note: Pushed a cobble causing low recovery.)			No monitoring well installed
7									
8		48/34"		S-3		0-6" Dark-brown organic PEAT, moist.	0.0		
9						6-34" Gray fine SAND, some silt, saturated.			
10								SB-272 (10) 1035	
11									
12						End of Boring @ 12 feet		SB-272 (12) 1040	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-273
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION Southeast corner of southwest High School parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-273 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.19
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32'		S-1		0-6" ASPHALT base, some fine to coarse sand base, trace fine gravel.	0.0		
1						6-12" Tan to brown fine to coarse SAND, trace fine gravel.			
2						12-20" Dark-brown SILT, some fine to coarse sand and fine gravel.			
3						20-24" Pulverized GRAVEL pieces.			
						24-32" Mottled tan to dark-brown SILT and fine to coarse SAND, trace fine gravel.			
4		48/28"		S-2		0-8" Tan to gray FILL (ash, some slag, cinders, glass, white ceramic material and thin film layer).	0.0		
5						8-20" Organic PEAT and SILT, some clay, moist.		SB-273 (5.5) 1020	No monitoring well installed
6									
7						20-28" Tan fine to medium SAND, trace silt, saturated.			
8		48/36"		S-3		0-36" Dense gray fine to coarse SAND, some fine gravel (possibly till).	0.0	SB-273 (8) 1025	
9									
10									
11								SB-273 (11) 1035	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-274
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION East-corner portion of southwest High School parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals.

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.32
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-6" ASPHALT.	0.0		
1						6-22" Tan fine to coarse SAND.			
2						22-28" Dark-brown to blackish fine to coarse SAND, some fine gravel.			
3						28-40" Tan mottled FILL (glass, slag, ash, cinders and trace brick).			
4		48/42"		S-2		0-4" Brown fine to coarse SAND, some silt and fine gravel, wet (possibly perched water).	0.0	SB-274 (4) 1310 SB-274-D 1210	
5						4-34" Dark-brown PEAT, wet at bottom.			
6									▽ No monitoring well installed
7									
						34-42" Gray fine to medium SAND, saturated.			
8		48/38"		S-3		0-38" Gray fine to coarse SAND, some fine gravel, saturated.	0.0	SB-274 (8) 1320	
9									
10									
11								SB-274 (11) 1330	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-275
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION Northeast end of southwest High School parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 89.55
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs & metals, SB-275 (4) also sampled for PAHs. (Hold SB-274 (12))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-6" ASPHALT.	0.0		
1						6-20" Tan fine to coarse SAND, trace gravel.			
2						20-22" Pulverized GRAVEL.			
3						22-40" Tan mottled FILL (ash, slag, glass and balloon material).			
4		48/12"		S-2		0-2" Tan mottled FILL (ash, slag, glass and balloons.	0.0	SB-275 (4) 1400	
5						Note: Concrete pushed causing low recovery.) 2-8" Organic PEAT.			
6									No monitoring well installed
7						8-12" Gray fine SAND, wet.			
8		48/30"		S-3		0-30" Gray fine to medium SAND and SILT. saturated.	0.0		
9									
10								SB-275 (9.5) 1410	
11									
12						End of Boring @ 12 feet		SB-275 (12) 1420	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-276
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION Southwest corner of southwest High School parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-276 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.60
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-6" ASPHALT.	0.0		
1						6-20" Tan fine to coarse SAND, some fine gravel.			
2						20-28" Dark-gray to black fine to coarse SAND, some fill (coal, glass, trace ash and slag).			
3						28-40" Tan mottled FILL (ash, coal, cinders and glass).			
4		48/30"		S-2		0-2" Tan mottled FILL (ash, coal, cinders and glass).	0.0	SB-276 (4) 1445	
5						2-30" Dark-brown organic PEAT, some silt and clay in matrix, wet.			
6									No monitoring well installed
7									
8		48/42"		S-3		0-12" Organic PEAT.	0.0		
9						12-18" Dark-brown peat stained SILT, trace fine sand.			
10						18-42" Gray fine SAND and SILT, saturated.		SB-276 (9.5) 1455	
11									
12						End of Boring @ 12 feet		SB-276 (12) 1505	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-277
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/16/08
LOCATION West-center portion of southwest High School parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-277 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.28
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34"		S-1		0-6" ASPHALT.	0.0		
1						6-14" Tan fine to coarse SAND, some fine gravel.			
2						14-34" Mottled tan to black to brown FILL (ash, coal, slag, cinders and glass), moist (possibly perched water on peat).			
3									
4		48/36"		S-2		0-6" Mottled tan to black to brown FILL (ash, coal, slag, cinders and glass), wet.	0.0	SB-277 (4) 1545	
5						6-30" Dark-brown organic SILT and PEAT.			
6									No monitoring well installed
7									
						30-36" Gray fine SAND, some silt.			
8		48/40"		S-3		0-40" Brown to gray fine SAND, some silt, saturated.	0.0		
9								SB-277 (9) 1555	
10									
11								SB-277 (11) 1610	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-278
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/08
LOCATION Northwest corner of southwest High School parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-278 (9)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 89.56
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-6" ASPHALT	0.0		
1						6-16" Tan fine to coarse SAND.			
2						16-40" Tan mottled fine to coarse SAND and FILL (ash, coal, cinders, abundant glass, slag, bricks and roofing material).			
3									
4		48/26"		S-2		0-12" Tan mottled fine to coarse SAND and FILL (ash, coal cinders, abundant glass, slag, bricks and roofing material).	0.0	SB-278 (4) 1540	
5									
6						12-26" Dark-brown organic PEAT, fibrous, moist.		SB-278 (6) 1545	No monitoring well installed
7									
8		48/40"		S-3		0-8" Dark-brown organic PEAT, fibrous, moist.	0.0		
9						8-40" Gray fine SAND, some silt, saturated.		SB-278 (9) 1555	
10									
11									
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-279
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION South side of NBHS flagpole island
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 89.39
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38"		S-1		0-6" ASPHALT	0.0		
1						6-24" Tan fine to coarse SAND, trace fine gravel.			
2									
3						24-38" Mottled tan and black FILL (ash, glass, coal, slag, metal shards and cinders), some fine to coarse sand.			
4		0/0		S-2		No Recovery (two attempts without recovery likely due to pushing of a cobble)	NA	SB-279 (4) 1430	
5									
6									▽ No monitoring well installed
7									
8		48/38"		S-3		0-20" PEAT with sluff from above.	0.0		
9									
10						20-38" Gray fine to medium SAND, some silt, saturated.			
11								SB-279 (11) 1445	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-280
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION North side of NBHS flagpole island
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.78
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs & metals, SB-280 (4) also sampled for PCB homologs. (Hold SB-280 (12))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-6" ASPHALT	0.0		
1, 2						6-20" Tan fine to coarse SAND and pulverized fine GRAVEL.			
3						20-36" Tan to mottled black FILL (ash, glass, coal, slag and cinders), some fine to coarse sand.			
4, 5, 6		48/28"		S-2		0-20" Tan to mottled black FILL (ash, glass, coal, slag and cinders), some fine to coarse sand.	0.0	SB-280 (4) 1515	▽ No monitoring well installed
7						20-28"Organic PEAT, some silt, some clay, wet.			
8, 9		48/42"		S-3		0-20" Organic PEAT, SILT and CLAY, moist.	0.0	SB-280 (9.5) 1525	
10, 11						20-42" Gray fine to medium SAND, some silt, saturated.			
12						End of Boring @ 12 feet		SB-280 (12) 1530	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-281
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION Southeast corner of NBHS west parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-281 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.32
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-8" ASPHALT	0.0		
1						8-16" Tan fine to coarse SAND, some fine gravel.			
2						16-30" FILL (bricks, glass, rubber, tan ash, coal and slag), some fine to coarse sand and fine gravel.			
3									
4		48/26"		S-2		0-10" Loose FILL (bricks, abundant glass of various colors, rubber, tan ash, coal, slag and wood debris), some fine to coarse sand and fine gravel.	0.0	SB-281 (4) 1445 SB-281-D 1505 DUP	
5									
6						10-26" Organic PEAT, some silt and clay, wet. Note: Two attempts were made to collect adequate recovery from 4 to 8-feet.)			No monitoring well installed
7									
8		48/38"		S-3		0-10" Organic PEAT, some silt and clay, wet.	0.0	SB-281 (8) 1500	
9						10-38" Gray fine to coarse SAND, trace fine gravel, saturated.			
10									
11								SB-281 (11) 1510	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-282
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION Northwest corner of NBHS west parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (hold SB-282 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.85
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38"		S-1		0-8" ASPHALT	0.0		
1						8-22" Tan fine to coarse SAND, some fine gravel.			
2									
3						22-38" Black mottled tan FILL (ash, rubber, glass, slag, coal, wood, brick debris with mild creosote odor, wood debris in bottom of shoe).		SB-282 (3.5) 1530	
4		48/30"		S-2		0-30" Organic PEAT, some silt and clay, moist to wet.	0.0		
5									
6									▽ No monitoring well installed
7									
8		48/32"		S-3		0-8" Organic PEAT, some silt and clay, saturated.	0.0	SB-282 (8) 1545	
9						8-32" Gray fine to coarse SAND and GRAVEL, trace silt, dense.			
10									
11								SB-282 (11) 1555	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-283
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/18
LOCATION Southeast corner of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.88
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs, PAHs & metals, SB-283 (3.5 also sampled for PCB homologs. (Hold SB-283 (10))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/44"		S-1		0-6" Weathered ASPHALT	0.0		
1						6-16" Tan fine to coarse SAND, some fine gravel.			
2						16-44" FILL (bricks, ash, coal, slag, cinders, wood debris, possible roofing materials and glass), some fine to coarse sand.			
3									
4		48/36"		S-2		0-24" Dark-brown PEAT.	0.0	SB-283 (3.5) 0930 SB-283-D 0830	
5									
6								SB-283 (6) 0935	No monitoring well installed
7						24-36" Pulverized GRAVEL, some silt, trace gray sand, wet, dense at bottom.			
8		48/40"		S-3		0-30" Gray fine to medium SAND, little silt, saturated.	0.0		
9									
10								SB-283 (10) 0945	
11						30-40" Rusty tan to brown fine to medium SAND, some silt and gravel (possible till).			
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-284
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/08
LOCATION Eastern mid-point of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs.

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 5
GROUND ELEVATION (Feet) 88.04
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-4" ASPHALT	0.0		
1						4-28" Tan fine to coarse SAND, some fine gravel.			
2									
3						28-38" Blackish SILT and FILL (glass, coal and ash).		SB-284 (3) 1040	No monitoring well installed
4						38-42" Organic PEAT, moist.			
		48/10"		S-2		0-10" Organic PEAT, wet.	0.0		
5						End of Boring @ 5 feet		SB-284 (5) 1050	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-285
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/08
LOCATION Northeast corner of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-285 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.52
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-6" ASPHALT	0.0		
1, 2						6-26" Tan fine to coarse SAND, some fine gravel.			
3						26-38" FILL (ash, coal, glass and bricks).			
4						38-42" Organic PEAT and wood debris, moist.		SB-285 (3.5) 1115	
		48/30"		S-2		0-18" Organic PEAT, SILT and CLAY, wet.	0.0		
5, 6									▽
7						18-30" CLAY and fine SAND, some silt, saturated.		SB-285 (7.5) 1125	
8		48/40"		S-3		0-26" Gray fine to medium SAND, some silt.	0.0		
9, 10									
11						26-40" Brownish rusty fine to coarse SAND, some fine gravel, trace silt, saturated.		SB-285 (11) 1135	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-286
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/08
LOCATION Mid-point of northern end of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-286 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.84
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-4" ASPHALT 4-30" Tan fine to coarse SAND, some fine gravel.	0.0		
1									
2									
3						30-40" FILL (glass, coal cinders and possible ash).			
4		48/16"		S-2		40-42" Tan to dark brown organic PEAT, moist. 0-16" Loose PEAT, some possible roofing tar, saturated with eventual recovery of gray fine sand (approximately 6" thick).	0.0	SB-286 (4) 1150	▽
5									
6									No monitoring well installed
7									
8		48/38"		S-3		0-38" Gray fine to medium SAND, some silt, saturated.	0.0		
9								SB-286 (9) 1250	
10									
11									
12						End of Boring @ 12 feet		SB-286 (12) 1215	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-287
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/14/08
LOCATION Southwest corner of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-287 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.17
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-2		0-4" ASPHALT.	0.0		
1						4-16" Tan to white fine to coarse SAND and GRAVEL.			
2						16-36" Black mottled FILL (ash, coal, glass, slag, metal and tar paper).			
3									
4		48/32"		S-2		0-4" Black mottled FILL (ash, coal, glass, slag, metal and tar paper).	0.0	SB-287 (4) 1430 Plus MS/DUP	
5						4-32" Dark-brown organic PEAT/SILT, some clay, wet at the bottom.			
6									No monitoring well installed
7									
8		48/40"		S-3		0-4" Dark-brown organic PEAT/SILT, some clay, wet at bottom.	0.0		
9						4-40" Gray fine SAND, some silt, saturated.		SB-287 (9) 1440	
10									
11									
12						End of Boring @ 12 feet		SB-287 (12) 1445	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-288
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/08
LOCATION Western mid-point of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-288 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.15
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/44"		S-1		0-4" ASPHALT.	0.0		
1						4-38" Tan fine to coarse SAND, some fine gravel.			
2									
3									
4						38-44" Dark-brown SILT, some fill (glass, coal, ash, cinders and trace wood debris).			
		48/38"		S-2		0-14" Dark-brown SILT, some fill (glass, coal, ash, cinders and trace wood debris).	0.0	SB-288 (4) 1400	
5									
6						14-38" Dark-brown organic PEAT, some silt, clay and wood debris, moist.			No monitoring well installed
7									
8									
		48/40"		S-3		0-4" Dark-brown organic PEAT, some silt, clay and wood debris, saturated.	0.0		
9						4-40" Gray fine SAND, some silt, saturated.		SB-288 (9) 1410	
10									
11									
12						End of Boring @ 12 feet		SB-288 (12) 1415	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-289
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/17/08
LOCATION Northwest corner of NBHS northwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Samples for PCBs, PAHs & metals. (Hold SB-289 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.53
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-4" ASPHALT.	0.0		
1						4-22" Tan fine to coarse SAND, some fine gravel.			
2						22-30" FILL (tangled string) with PAH odor, some silt.			
3						30-42" FILL (ash, slag, glass, coal, bricks and metal shavings), some fine to coarse sand and silt.		SB-289 (3.5) 1330	
4		48/36"		S-2		0-4" FILL (ash, slag, glass, coal, bricks and metal shavings), some fine to coarse sand and silt.	0.0		
5						4-36" Organic PEAT, some silt and clay, moist to wet.			
6								SB-289 (6) 1335	No monitoring well installed
7									
8		48/40"		S-3		0-4" Brown (peat stained) fine SAND, some silt.	0.0		
9						4-40" Gray fine to medium SAND, some silt, saturated.			
10								SB-289 (10) 1345	
11									
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-290
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION Northwest center of NBHS northeast parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-290 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 10.5
GROUND ELEVATION (Feet) 91.06
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-8" ASPHALT	0.0		
1						8-20" Tan fine to coarse SAND, some fine gravel.			
2						20-28" Dark-brown fine to medium SAND, trace fine gravel and fill (glass and coal).			
3						28-32" White pulverized GRAVEL.		SB-290 (2.5) 0940	
						32-43" Gray to tan fine to coarse SAND, trace fine gravel and silt.			
4		48/36"		S-2		0-26" Gray to tan fine to coarse SAND, trace fine gravel and silt.	0.0		
5									
6								SB-290 (6) 0945	No monitoring well installed
7						26-36" Tan to olive fine to medium SAND and SILT, wet.			▽
8		30/20"		S-3		0-20" Gray fine to coarse SAND, some fine gravel, trace silt, saturated.	0.0		
9									
10								SB-290 (10) 0955	
						End of Boring @ 10.5 feet (refusal at 10.5-feet)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-291
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION West center of NBHS northeast parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-291 (9.5))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 10
GROUND ELEVATION (Feet) 90.47
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-8" ASPHALT	0.0		
1						8-18" Tan fine to coarse SAND, some fine gravel (fill over old topsoil).			
2						18-30" Dark-brown SILT, some fine to coarse sand, trace organic matter (possible former topsoil horizon).		SB-291 (2) 1010	
3						30-42" Tan fine to coarse SAND, some fine gravel.			
4		48/30"		S-2		0-30" Gray to tan fine to coarse SAND, trace silt and fine gravel, dense, wet at the bottom.	0.0		
5									
6								SB-291 (6) 1015	No monitoring well installed
7									▽
8		24/18"		S-3		0-18" Rusty gray fine to coarse SAND, some fine gravel, trace silt, saturated.	0.0		
9								SB-291 (9.5) 1025	
10						End of Boring @ 10 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-292
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION Southwest corner of NBHS northeast parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs.

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet)
TOTAL DEPTH (Feet) 5
GROUND ELEVATION (Feet) 89.94
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/46"		S-1		0-8" ASPHALT	0.0		
1						8-46" Tan (some rusty color due to oxy/redox zone) fine to coarse SAND, some fine gravel.			
2								SB-292 (2) 1045	
3									
4		12/10"		S-2		0-10" Tan (some rusty color) fine to coarse SAND, some fine gravel, increased pulverized gravel, moist.	0.0		
5						Note: Encountered refusal at 5-feet.		SB-292 (5) 1055	
						End of Boring @ 5 feet (refusal at 5-feet)			No monitoring well installed

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-293
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION North end of NBHS east side parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Samples for PCBs, PAHs & metals. (Hold SB-293 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.70
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48"		S-1		0-6" ASPHALT	0.0		
1						6-26" Tan fine to coarse SAND, little fine gravel.			
2									
3						26-42" Dark-brown to black fine to coarse SAND, some fine gravel, trace fill (slag, brick and coal).			
4						42-48" Black FILL (slag, ash, some coal), some fine to coarse sand.			
		48/26"		S-2		0-14" Black FILL (slag, increased ash, some coal) with some mottled coloration, moist at approximately 6-feet.	0.0		
5									
6									∇ No monitoring well installed
						14-26" Dark-brown organic PEAT, some silt and clay.		SB-293 (6.5) 1250 Plus MS/MSD	
7									
8		48/46"		S-3		0-16" PEAT, saturated.	0.0		
9								SB-293 (9) 1300	
						16-46" Gray fine to medium SAND, some silt, saturated.			
10									
11									
12						End of Boring @ 12 feet		SB-293 (12) 1305	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-294
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/21/08
LOCATION Southern end of NBHS east side parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-294 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.67
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48"		S-1		0-8" ASPHALT.	0.0		
1						8-34" Tan fine to coarse SAND, some fine gravel, trace silt.			
2									
3						34-48" Dark-brown to black fine to coarse SAND and FILL (ash with trace slag, coal, metal and glass).			
4		48/0"		S-2		Note: Pushed fill and peat with no recovery (two attempts from 4 to 8).	NA	SB-294 (4) 1320	
5									
6									▽ No monitoring well installed
7									
8		48/26"		S-3		0-12" Organic PEAT, wet.	0.0	SB-294 (8.5) 1340	
9									
10						12-26" Gray fine to medium SAND, some silt, saturated.			
11									
12						End of Boring @ 12 feet		SB-294 (12) 1345	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-295
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION North end of NBHS east lot (behind auditorium)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.69
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs, SB-295 (5.5) also sampled for PCB homologs. (Hold SB-295 (12))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-4" ASPHALT	0.0		
1						4-18" Tan fine to coarse SAND, some fine gravel.			
2						18-20" Dark-brown SILT, some fine sand.			
						20-26" Tan fine to medium SAND.			
3						26-40" Dark-brown to black fine to coarse SAND, trace fine gravel and fill (bricks, coal and glass).			
4						40-42" Tan fine to coarse SAND.			
		48/46"		S-2		0-4" Tan fine to coarse SAND.	0.0		
5						4-20" Ashy FILL (coal, slag, glass and cinders), moist to wet.			
6						20-46" Dark-brown organic PEAT with roots, some silt and clay, moist.		SB-295 (5.5) 0955	No monitoring well installed
7									
8									
		48/40"		S-3		0-4" Dark-brown organic PEAT with roots, some silt and clay, moist.	0.0		
9						4-40" Gray fine to medium SAND, some silt, trace fine gravel, saturated.		SB-295 (9) 1005	
10									
11									
12						End of Boring @ 12 feet		SB-295 (12) 1015	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-296
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION Mid-point of NBHS east lot (behind auditorium)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-296 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet)
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48"		S-1		0-4" ASPHALT. 4-6" Sub-base GRAVEL. 6-46" Tan fine to coarse SAND, some fine gravel.	0.0		
1									
2									
3									
4		48/36"		S-2		46-48" Black to tan mottled FILL (ash and slag). 0-20" Black to tan mottled FILL (ash and slag), moist at bottom.	0.0		
5								SB-296 (5) 0920 SB-296-D 0820 DUP	
6						20-36" Dark-brown organic PEAT, SILT and CLAY.			No monitoring well installed
7									
8		48/44"		S-3		0-16" Dark-brown fibrous PEAT with root material, some silt and clay.	0.0		
9									
10						16-44" Gray fine to medium SAND, some silt, saturated.		SB-296 (10) 0930	
11									
12						End of Boring @ 12 feet		SB-296 (12) 0940	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-297
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION South end of NBHS east parking lot (behind auditorium)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-297 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.57
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48"		S-1		0-4" ASPHALT 4-6" Sub-base GRAVEL. 6-18" Dark-brown fine to coarse SAND, trace fine gravel. 18-48" Tan fine to medium SAND.	0.0		
1									
2									
3									
4		48/38"		S-2		0-4" Tan fine to medium SAND. 4-18" Black FILL (coal, ash, slag, glass, cinders and trace metal).	0.0		
5									
6						18-38" Dark-brown organic PEAT, some silt, clay and wood debris.		SB-297 (6) 0845	No monitoring well installed
7									
8		48/40"		S-3		0-24" Dark-brown organic PEAT, some silt, clay and wood debris.	0.0	SB-297 (8) 0855	
9									
10									
11						24-40" Gray SILT and fine SAND, saturated.		SB-297 (11) 0905	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-298
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 8/4/08
LOCATION East-center portion of NBHS basketball/floor hockey court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD AMS 9100 Track Rig
NOTES Sampled for PCBs & metals. (Hold SB-298 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.43
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-4" ASPHALT	0.0		
						4-8" Gray sub-base GRAVEL.			
1						8-12" Tan to brown fine to medium SAND, trace fine gravel, no odor, no staining.			
2						12-24" Black SILT, some fill (little ash, trace coal), moist, no odor, no staining.			
3						24-36" FILL material (ash, coal, slag, trace glass), some fine sand, moist, no odor, no staining.			
4		48/24"		S-2		0-12" FILL material (ash, coal and slag), little fine sand, moist.	0.0	SB-298 (4) 1115	
5									
6						12-18" Rusty colored FILL material (ash, coal and slag), wet, no odor, no staining.			No monitoring well installed
7						18-24" Black organic SILT (peat), wet, no odor, no staining.			
8		48/40"		S-3		0-28" Dark-brown organic SILT (peat), wet, no odor, no staining.	0.0	SB-298 (8) 1125	
9									
10									
11						28-40" Gray fine SAND, some silt, wet, no odor, no staining.		SB-298 (11) 1130	
12						End of Boring @ 12 feet (refusal at 12-feet)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-299
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 8/4/08
LOCATION West-center of NBHS basketball/floor hockey court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD AMS 9100 Track Rig
NOTES Sampled for PCBs. (Hold SB-299 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.66
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32"		S-1		0-4" ASPHALT	0.0		
1						4-6" Gray sub-base GRAVEL.			
						6-10" Tan to orange-brown fine to medium SAND, trace coarse sand and fine gravel, very slightly moist, no odor, no staining.			
2									
3						10-32" Dark-brown fine SAND and FILL (ash, coal, slag and glass) particularly in bottom 6-inches of core, moist, no odor, no staining.			
4		48/24"		S-2		0-14" Gray FILL material (ash, coal, slag and glass), some fine sand matrix, wet, no odor, no staining.	0.0	SB-299 (4) 1150	
5									
6									No monitoring well installed
						14-24" Black organic SILT (peat), wet, no odor, no staining.			
7									
8		48/20"		S-3		0-10" Dark-brown organic PEAT, wet, no odor, no staining.	0.0	SB-299 (8) 1155	
9									
10						10-20" Gray fine SAND, some silt, wet, loose, no odor, no staining.			
11									
12						End of Boring @ 12 feet		SB-299 (12) 1200	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-300
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION East side of NBHS northern tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.28
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs, PAHs & metals, SB-300 (4) also sampled for PCB homologs. (Hold SB-300 (11))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-8" ASPHALT	0.0		
1						8-18" Tan fine to coarse SAND, some fine gravel.			
2						18-40" FILL (ash, coal, slag, glass, cinders and ceramic pieces), mottled tan to black coloration.			
3									
4		48/32"		S-2		0-22" FILL (ash, coal, slag, cinders and ceramic pieces), mottled tan to black coloration, moist.	0.0	SB-300 (4) 1455	
5									
6									▽ No monitoring well installed
7						22-32" Organic PEAT, some silt and clay, wet.			
8		48/44"		S-3		0-28" Organic PEAT, SILT and CLAY, moist to wet.	0.0	SB-300 (8) 1505	
9									
10									
11						28-44" Gray fine to medium SAND, some silt, saturated.		SB-300 (11) 1515	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-300'
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/31/08
LOCATION East side of NBHS northern tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for metals.

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet) 88.28
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-6" ASPHALT and sub-base GRAVEL.	0.0		
1						6-16" Tan to brown fine to medium SAND, trace fine to medium gravel, dry, no odor, no staining.			
2						16-36" FILL (ash, coal, slag and glass), little fine sand, no odor, no staining.			No monitoring well installed
3									
4						End of Boring @ 4 feet Note: Recollected sample from 4-feet (metals only) due to insufficient sample volume for laboratory to analyze original sample collected 7/22/08.		SB-300 (4) 1125	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-301
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION West side of NBHS northern tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-301 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.19
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-8" ASPHALT	0.0		
1						8-10" Tan fine SAND.			
						10-18" Dark-brown to black SILT, some fine to coarse sand, trace fine gravel, dense.			
2						18-20" White pulverized GRAVEL.			
3						20-40" FILL (ash, coal, slag, glass and cinders), some fine to coarse sand.			
4		48/28"		S-2		0-8" FILL (ash, coal, slag, glass and cinders), some fine to coarse sand, moist.	0.0		
5						8-28" Organic PEAT, SILT and CLAY.			
6									No monitoring well installed
7								SB-301 (7) 1530	
8		48/46"		S-3		0-26" Organic PEAT, saturated.	0.0		
9									
10									
11						26-46" Gray fine to medium SAND, saturated.		SB-301 (10.5) 1540	
12						End of Boring @ 12 feet		SB-301 (12) 1545	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-302
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION East side of middle NBHS tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-302 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.35
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38"		S-1		0-6" ASPHALT	0.0		
1						6-10" Sub-base fine to coarse SAND, some fine gravel.			
						10-18" Dark-brown fine to coarse SAND, some silt, trace brick fragments.			
2						18-26" FILL (ash, slag, coal, glass and cinders).			
3						26-34" Tan fine to medium SAND, trace silt.		SB-302 (2.5) 1330	
						34-38" Gray to black fine to coarse SAND, trace fill (glass, coal and cinders).			
4		48/32"		S-2		0-22" FILL (ash, cinders, slag and glass), wet.	0.0		
5									
6									No monitoring well installed
7						22-32" PEAT, some silt and clay, moist.			
8		48/46"		S-3		0-24" PEAT, some silt and clay, moist.	0.0	SB-302 (8) 1340	
9									
10						24-46" Gray fine to medium SAND, some silt, saturated.			
11								SB-302 (11) 1350	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-303
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION West side of middle NBHS tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-303 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.18
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/44"		S-1		0-8" ASPHALT and topcoat.	0.0		
1						8-10" Olive fine SAND. 10-22" Tan fine to coarse SAND.			
2						22-30" Dark-brown SILT, some fine sand.			
3						30-44" FILL (ash, cinders, slag, glass and trace bricks).			
4		48/26"		S-2		0-18" FILL (ash, cinders, slag, glass and trace bricks), fine to coarse sand, some silt, wet at approximately 7-feet.	0.0		
5								SB-303 (5) 1410 Plus MS/MSD	
6									No monitoring well installed
7						18-26" Dark-brown organic PEAT, saturated at top.			
8		48/48"		S-3		0-26" Organic PEAT.	0.0		
9									
10						26-48" Gray fine to medium SAND, some silt, saturated.		SB-303 (10) 1420	
11									
12						End of Boring @ 12 feet		SB-303 (12) 1425	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-304
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION East side of south NBHS tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-304 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.13
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38"		S-1		0-8" ASPHALT and topcoat (tennis court).	0.0		
1						8-14" Tan fine to coarse SAND.			
2						14-30" Dark-brown fine to coarse SAND, some fine gravel, trace silt.			
3						30-38" FILL (ash, slag, coal, glass and cinders).			
4		48/34"		S-2		0-14" FILL (ash, slag, glass and cinders).	0.0		
5								SB-304 (5) 1140	
6						14-34" Dark-brown organic PEAT, some silt and clay, moist to wet.			No monitoring well installed
7									
8		48/36"		S-3		0-18" Fibrous PEAT with roots.	0.0	SB-304 (8) 1145	
9									
10						18-36" Gray fine to medium SAND, some silt, saturated.			
11								SB-304 (11) 1155	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-305
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/22/08
LOCATION West side of south NBHS tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-305 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 88.13
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-8" ASPHALT and topcoat (tennis court).	0.0		
1						8-10" Gray fine SAND, some silt. 10-20" Tan fine to coarse SAND, some fine gravel.			
2						20-32" Dark-brown to gray SILT and fine SAND, trace fine gravel and bricks.			
3						32-43" FILL (ash, glass, slag, coal and cinders).			
4		48/28"		S-2		0-24" Loose FILL (ash, glass, slag, coal and cinders), wet.	0.0	SB-305 (4) 1210	
5									
6									▽ No monitoring well installed
7						24-28" Dark-brown organic PEAT/SILT, wet to saturated.			
8		48/28"		S-3		0-28" Gray fine to medium SAND, some silt, saturated.	0.0		
9								SB-305 (9) 1220	
10									
11									
12						End of Boring @ 12 feet		SB-305 (12) 1225	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-306
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION West of NBHS volleyball court/southern tennis court
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-306 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.60
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32"		S-1		0-14" Brown TOPSOIL/SILT, some fine sand, trace grass.	0.0		
1								SB-306 (1) 0900	
2						14-20" BRICK and pulverized GRAVEL.			
3						20-32" Tan and mottled FILL (ash, coal, slag and glass).			
4		48/28"		S-2		0-10" Tan and mottled FILL (ash, coal, slag and glass).	0.0	SB-306 (4) 0910	
5									
						10-28" Organic PEAT (silt and clay), moist.			
6									No monitoring well installed
7								SB-306 (7) 0915	
8		48/44"		S-3		0-24" Organic PEAT (silt and clay), moist, increased fibers at depth.	0.0		
9									
10									
						24-44" Gray fine to medium SAND, little silt, saturated.			
11								SB-306 (11) 0925	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-307
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION Approx. 50' west of SB-306 (bus depot lot)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-307 (9))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.41
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/44"		S-1		0-2" ASPHALT. 2-16" Tan fine to coarse SAND, some fine gravel.	0.0		
1									
2						16-34" Dark-brown to black and tan (mottled coloration) FILL (ash, coal, glass, cinders and slag), moist at bottom.			
3								SB-307 (3) 1325	
4		48/36"		S-2		0-6" Dark-brown to black and tan (mottled coloration) FILL (ash, coal, glass, cinders and slag), wet (possibly sluff from above). 6-36" Organic PEAT with matrix including silt, clay and some fibrous root matter.	0.0		
5									
6								SB-307 (6) 1335	▽ No monitoring well installed
7									
8		48/44"		S-3		0-4" Organic PEAT with matrix including silt, clay and some fibrous root matter. 4-44" Gray fine to medium SAND, some silt, saturated.	0.0		
9								SB-307 (9) 1345	
10									
11									
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-308
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION East of bus depot gate in parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-308 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.08
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-2" ASPHALT 2-20" Tan fine to coarse SAND, some fine gravel.	0.0		
1									
2						20-36" Black possibly weathered ASPHALT with PAH odor.			
3									
						36-40" Brown to dark-brown organic PEAT, moist.		SB-308 (3.5) 1115	
4		48/46"		S-2		0-46" Organic PEAT, SILT, CLAY, increasing fibrous root matter towards approximately 8-feet, moist.	0.0		
5									
6								SB-308 (6) 1125	No monitoring well installed
7									
8		48/44"		S-3		0-4" Organic PEAT, SILT and CLAY, some fibrous root matter, saturated. 4-44" Gray fine to medium SAND, some silt, saturated.	0.0		
9									
10								SB-308 (10) 1135	
11									
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-309
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION North-center of bus depot parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs. (Hold SB-309 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.06
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42"		S-1		0-2" ASPHALT 2-6" Tan fine to coarse SAND, trace fine gravel. 6-8" Tan FILL (ash, coal and slag). 8-22" Tan fine to coarse SAND, some fine gravel.	0.0		
1									
2						22-28" Dark-brown SILT.			
3						28-36" Pulverized GRAVEL.			
4						36-42" Dark-brown to blackish FILL (mottled tan coloration with ash, cinders and slag), moist.			
		48/46"		S-2		0-40" Dark-brown to blackish fibrous PEAT, SILT and CLAY, moist.	0.0	SB-309 (4) 1045	
5									
6									No monitoring well installed
7									
						40-46" Dark-brown peat stained SILT, some clay, wet.			
8		48/42"		S-3		0-42" Gray fine to medium SAND, some silt, saturated.	0.0	SB-309 (8) 1050	
9									
10									
11								SB-309 (11) 1100	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-310
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION Approx. 60' east of SB-311 in bus depot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-310 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 86.06
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48"		S-1		0-2" ASPHALT 2-18" Tan fine to coarse SAND, some fine gravel.	0.0		
1									
2						18-38" Dark-brown to black to tan (mottled) FILL (slag, glass, ash and cinders), moist at bottom.			
3								SB-310 (3) 1010	
4		48/46"		S-2		0-2" Dark-brown to black to tan (mottled) FILL (slag, glass, ash and cinders), moist. 2-28" Dark-brown organic PEAT, some silt and clay.	0.0		▽ No monitoring well installed
5									
6									
7						28-46" Brown fibrous organic PEAT, some clay and silt, moist to wet.		SB-310 (7) 1025	
8		48/44"		S-3		0-44" Gray fine to medium SAND, some silt, saturated.	0.0		
9									
10								SB-310 (10) 1030	
11									
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-311
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/23/08
LOCATION West end of bus depot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-311 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 87.24
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48"		S-1		0-2" ASPHALT 2-4" Sub-base SAND. 4-28" Tan fine to coarse SAND.	0.0		
1 2									
3						28-48" Dark-brown to blackish SILT, some fine to coarse sand, trace fine gravel with fill (slag, glass, ash and bricks).			
4		48/38"		S-2		0-18" Dark-brown to blackish SILT, some fine to coarse sand, trace fine gravel with fill (slag, glass, increased tan ash and bricks), moist.	0.0		
5									
6						18-38' Organic PEAT, SILT and CLAY, wet.		SB-311 (6) 0940 SB-311-D 0840 DUP	No monitoring well installed
7									
8		48/46"		S-3		0-16" Organic PEAT, SILT, CLAY, wet.	0.0		
9								SB-311 (9) 0950	
						16-24" Dark-brown SILT, some clay, moist to wet.			
10						24-46" Gray fine to medium SAND, some silt, saturated.			
11								SB-311 (11) 0955	
12						End of Boring @ 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-312
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 8/5/08
LOCATION In front of NBHS auditorium main doors
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6620 DT Track Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-312 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 9
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 93.89
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/40"		S-1		0-4" CONCRETE	NA		
						4-6" CONCRETE DUST			
1						6-34" Tan fine to medium SAND, little coarse sand and fine gravel, loose, dry, no odor, no staining.			
2									
3									
4						34-39" Gray fine SAND, little silt, mottling, no odor, no staining.			
5						39-44" Dark-brown fine SAND and SILT, trace possible coal, no odor, no staining.			
		60/48"		S-2		0-24" Tan fine SAND, trace medium to coarse sand, slightly moist, no odor, no staining.	NA	SB-312 (5) 1455	No monitoring well installed
6									
7									
8						24-48" Tan fine to medium SAND, little coarse sand, trace fine gravel, mottling, moist to wet, no odor, no staining.			
9								SB-312 (9) 1458	▽
10		24/24"		S-3		0-24" Tan to gray to brown fine to medium SAND, trace coarse sand, moist to wet, no odor, no staining.	NA		
11									
12						End of Boring @ 12 feet		SB-312 (12) 1500	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-313
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 8/4/08
LOCATION Front of NBHS auditorium main doors (north sidewalk)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD AMS 9100 Track Rig
NOTES Sampled for PCBs. (Hold SB-313 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7.5
TOTAL DEPTH (Feet) 10
GROUND ELEVATION (Feet) 93.66
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-4" CONCRETE	0.0		
1						4-34" Tan fine to medium SAND, little coarse sand, loose, dry, no odor, no staining.			
2									
3									
						34-40" Tan to brown fine SAND, little silt, moist, no odor, no staining.			
4		48/30"		S-2		0-2" Tan to brown fine SAND, little silt, moist, mottling, no odor, no staining.	0.0		
5						2-5" Dark-brown fine SAND, little silt, moist, no odor, no staining.		SB-313 (5) 1415	No monitoring well installed
6						5-30" Tan fine SAND, little medium to coarse sand, loose, moist to wet at bottom, no odor, no staining.			
7									▽
8		24/24"		S-3		0-24" Tan fine SAND, little medium to coarse sand, wet, no odor, no staining.	0.0	SB-313 (8) 1420	
9									
10						End of Boring @ 10 feet (refusal at 10-feet)		SB-313 (10) 1425	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-318
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Northern end of Liberty St (near NE entrance to NBHS)
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-318 (11) and (14))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 90.63
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/28"		S-1		0-4" ASPHALT	0.0		
1						4-18" Brown fine to coarse SAND.			
2									
3						18-20" Pulverized GRAVEL.			
						2-24" Dark-brown SILT, trace mottling with tan coloration.			
4								SB-318 (4) 0910	
						24-28" Tan fine to medium SAND.			
5		60/48"		S-2		0-48" Tan fine to coarse SAND, some fine gravel, trace silt, wet at approximately 8-feet.	0.0		
6									
7									No monitoring well installed
8								SB-318 (8) 0920	▽
9									
10		60/50"		S-3		0-50" Tan fine to coarse SAND, some silt, some fine gravel.	0.0		
11								SB-318 (11) 0925	
12									
13									
14								SB-318 (14) 0930	
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-319
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Approx. 200' south of SB-318 within Liberty St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-319 (10) and (13))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 89.31
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/30"		S-1		0-4" ASPHALT.	0.0		
1						4-20" Tan fine to coarse SAND, some fine gravel.			
2									
3									
4						20-30" Tan to blackish mottled FILL (ash, coal, slag and cinders).		SB-318 (4) 0955	
5		60/36"		S-2		0-8" Organic SILT, wet.	0.0		
6						8-28" Dark-brown to gray fine to medium SAND, some silt.			
7								SB-319 (7) 1010	No monitoring well installed
8									▽
9						28-36" Tan to rusty fine to medium SAND, some silt, trace fine gravel, wet.			
10		60/38"		S-3		Note: Refusal on first attempt at 5.5-feet. 0-38" Tan fine to coarse SAND, some silt and fine gravel, saturated.	0.0	SB-319 (10) 1015	
11									
12									
13								SB-319 (13) 1025	
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-320
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Approx. 200' south of SB-319 within Liberty St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-320 (10) and (13))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 88.59
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/32"		S-1		0-4" ASPHALT.	0.0		
1						4-10" Gray sub-base fine to coarse SAND.			
2						10-16" Brown fine to coarse SAND, trace fine gravel.			
3						16-32" Tan mottled FILL (ash, glass, coal, slag, cinders and green material (possibly copper)), some silt.			
4									
5		60/42"		S-2		0-4" Tan mottle FILL (ash, glass, coal, slag, cinders and gree material (possibly copper)), some silt.	0.0	SB-320 (5) 1040	
6						4-24" Organic SILT/PEAT, some clay, moist.			
7									
8						24-42" Gray to rusty fine to coarse SAND, some silt, wet.		SB-320 (8) 1050	No monitoring well installed
9									
10		60/40"		S-3		0-40" Tan fine to medium SAND, some fine gravel and silt, saturated.	0.0	SB-320 (10) 1100	
11									
12									
13								SB-320 (13) 1110	
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-321
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Approx. 200' south of SB-320 within Liberty St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-321 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 87.82
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/30"		S-1		0-4" ASPHALT	0.0		
1						4-14" Gray fine to coarse SAND, some silt and fine gravel.			
2									
3						14-24" Gray to mottled tan to rusty fine to coarse SAND, some fine gravel, trace fill (ash and slag).			
4						24-30" PEAT and WOOD debris.		SB-321 (4) 1130	
5		60/20"		S-2		0-20" Gray fine to medium SAND, some silt, wet.	0.0		
6									
7									
8									No monitoring well installed
9								SB-321 (9) 1140	
10		60/50"		S-3		0-50" Gray fine to medium SAND, some silt, saturated.	0.0		
11									
12								SB-321 (12) 1150	
13									
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-322
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Approx. 200' south of SB-321 within Liberty St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-322 (14))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 88.59
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/36"		S-1		0-6" ASPHALT	0.0		
1						6-16" Dark-brown fine to coarse SAND, some fine gravel.			
2						16-22" Tan FILL (ash and slag), trace fine to coarse sand.			
3						22-26" Tan fine to coarse SAND.			
4						26-36" Dark-brown to black fine to coarse SAND, trace fill (ash), some fine gravel, moist at the bottom.		SB-322 (3.5) 1240	
5		60/4"		S-2		0-4" Pulverized GRAVEL (appears to have been pushed through the peat layer).	0.0		
6									
7									▽
8									No monitoring well installed
9									
10		60/58"		S-3		0-18" PEAT, wet.	0.0		
11								SB-322 (10.5) 1250	
12						18-58" Gray fine to coarse SAND, saturated			
13									
14								SB-322 (14) 1300	
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-323
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Approx. 250' south of SB-322 within Liberty St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs & metals. (Hold SB-323 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 86.56
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/36"		S-1		0-4" ASPHALT	0.0		
1						4-10" Dark-brown fine to coarse SAND, trace fine gravel.			
2						10-18" Dark-brown SILT, some fine sand, trace fine gravel.			
3						18-36" Tan FILL (ash, slag, glass and cinders), some fine to medium sand, moist.			
4									
5		60/32"		S-2		0-18" Organic PEAT, some silt, clay and wood debris, wet.	0.0	SB-323 (5) 1315	
6									
7									▽ No monitoring well installed
8						18-32" Gray fine to medium SAND, wet.			
9								SB-323 (9) 1325	
10		60/46"		S-3		0-40" Gray fine to medium SAND, some silt, saturated, orange oxidation/reduction zone near 13-feet.	0.0		
11									
12								SB-323 (12) 1335	
13									
14									
						40-46" Coarse SAND, trace fine gravel, saturated.			
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-324
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Northwest corner of Parker Street and Liberty St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-324 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 86.21
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/30"		S-1		0-6" ASPHALT	0.0		
1						6-8" Gray sub-base SAND and GRAVEL.			
						8-28" Gray fine to coarse SAND, trace silt and fine gravel.			
2									
3									
4									
						28-30" Organic PEAT.		SB-324 (4.5) 1425	
5		60/48"		S-2		0-28" Organic PEAT, some silt and clay, moist.	0.0		
6									
7									No monitoring well installed
8						28-48" Gray fine to medium SAND, some silt, wet.			▽
9								SB-324 (8.5) 1435	
10		60/50"		S-3		0-50" Gray fine to medium SAND, some silt, saturated.	0.0		
11									
12								SB-324 (12) 1445	
13									
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-325
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/8/08
LOCATION Midway between SB-270 and 271 within Parker St.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-325 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 14
GROUND ELEVATION (Feet) 85.06
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/30"		S-1		0-6" ASPHALT	0.0		
1						6-8" Gray to brown fine to coarse SAND and fine GRAVEL.		SB-325 (1) 1455	
2						8-14" Dark-brown to black FILL (coal, ash, slag and cinders).			
3						14-30" Brown fine to coarse SAND, some fine gravel.			
4									
5		60/50"		S-2		0-30" Dark-brown organic PEAT, some silt and clay, moist.	0.0		
6								SB-325 (6) 1505	
7									No monitoring well installed
8						30-50" Gray fine to medium SAND, some silt, saturated.			
9									
10		48/40"		S-3		0-40" Gray fine to medium SAND, some silt, saturated	0.0	SB-325 (10) 1515	
11									
12									
13									
14						End of Boring @ 14 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-326
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION Within Parker St. in front of bus depot
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 85.60
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs & metals, SB-326 (2) also sampled for PCB homologs. (Hold SB-326 (10))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/36"		S-1		0-4" ASPHALT	0.0		
1						4-12" Gray to tan fine to coarse SAND, some fine GRAVEL.			
2						12-22" Black FILL (coal, ash, slag, wood, cinders and trace glass).		SB-326 (2) 0900	
3						22-34" Gray fine to medium SAND, trace silt.			
4									
5		60/44"		S-2		0-4" Gray fine to medium SAND, trace silt.	0.0	SB-326 (5) 0910	
						4-32" Brown organic PEAT, some silt and clay.			
6									
7									
8									No monitoring well installed
9						32-44" Gray fine to medium SAND, wet.			
10		60/48"		S-3		0-48" Gray fine to medium SAND, saturated.	0.0	SB-326 (10) 0920	
11									
12									
13									
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-327
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION North side of Parker St. at intersection with Hathaway
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-327 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 14
GROUND ELEVATION (Feet) 87.47
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/40"		S-1		0-6" ASPHALT.	0.0		
1						6-10" Tan fine to coarse SAND, trace fine gravel.			
						10-18" Dark-brown to blackish fine to coarse SAND, trace fine gravel.			
2								SB-327 (2) 0935	
						18-38" Gray fine to medium SAND, some silt.			
3									
4									
5						38-40" Brown organic PEAT.			
		60/46"		S-2		0-26" Brown organic PEAT, some silt and clay, moist to wet.	0.0		
6								SB-327 (6) 0945	
7									No monitoring well installed
8						26-46" Gray fine to medium SAND, trace silt, wet.			
9									
10		48/38"		S-3		0-36" Gray fine to medium SAND, some silt, saturated.	0.0		
11								SB-327 (11) 0950	
12									
13									
14						36-38" GRAVEL (in cutting shoe).			
						End of Boring @ 14 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-328
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION Near intersection of Hathaway and Greenwood
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-328 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 89.63
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/38"		S-1		0-8" ASPHALT	0.0		
1						8-38" Tan fine to coarse SAND, some fine gravel.			
2									
3									
4								SB-328 (4) 1235	
5		60/44"		S-2		0-40" Tan fine to coarse SAND, some fine gravel.	0.0		
6									
7									
8									▽ No monitoring well installed
9									
10						4-44" Dark-gray fine SAND, moist at approximately 8-feet (half recovery: split is possibly the top of peat).			
		60/40"		S-3		0-40" Dark-gray fine SAND, some silt, saturated.	0.0	SB-328 (10) 1245	
11									
12								SB-328 (12) 1250	
13									
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-329
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION Approx. 200' north of SB-328 within Hathaway Blvd.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-329 (14))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 9
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 91.25
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/40"		S-1		0-10" ASPHALT and gray sub-base SAND.	0.0		
1						10-40" Tan fine to coarse SAND, some fine gravel.			
2									
3									
4								SB-329 (4) 1310	
5		60/48"		S-2		0-48" Tan fine to coarse SAND, some fine gravel, moist at bottom.	0.0		
6									
7									
8									No monitoring well installed
9								SB-329 (9) 1320	▽
10		60/44"		S-3		0-24" Tan fine to coarse SAND, trace fine gravel, saturated.	0.0		
11									
12									
13						24-44" Gray fine to medium SAND, some silt, saturated.			
14								SB-329 (14) 1330	
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-330
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION Approx. 250' north of SB-329 within Hathaway Blvd.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-330 (13))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 89.78
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/38"		S-1		0-8" ASPHALT	0.0		
1						8-38" Tan fine to coarse SAND, trace fine gravel.			
2									
3									
4								SB-330 (4) 1400	
5		60/48"		S-2		0-48" Tan fine to coarse SAND, trace fine gravel, moist at approximately 8-feet.	0.0		
6									
7									
8									▽ No monitoring well installed
9								SB-330 (9) 1410	
10		60/52"		S-3		0-12" Tan fine to coarse SAND.	0.0		
11						12-52" Gray fine to medium SAND, some silt, saturated.			
12									
13								SB-330 (13) 1420	
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-331
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION Approx. 250' north of SB-330 within Hathaway Blvd.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs, PAHs & metals. (Hold SB-331 (13))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 89.90
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/40"		S-1		0-8" ASPHALT	0.0		
1						8-10" Gray fine to coarse sub-base SAND.			
						10-40" Tan fine to coarse SAND, some fine gravel.			
2									
3									
4								SB-331 (4) 1445	
5		60/48"		S-2		0-42" Tan fine to coarse SAND, some fine gravel.	0.0		
6									
7									
8									No monitoring well installed
9									
						42-50" Blackish to gray SILT, some possible ash, some fine sand.			
10		6038"		S-3		0-38" Gray fine to medium SAND, some silt, saturated.	0.0	SB-331 (10) 1455	
11									
12									
13								SB-331 (13) 1505	
14									
15						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-332
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/11/08
LOCATION Approx. 250' north of SB-331 within Hathaway Blvd.
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
NOTES Sampled for PCBs. (Hold SB-332 (12))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet) 90.48
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		60/40"		S-1		0-10" ASPHALT	0.0		
1						10-40" Tan fine to coarse SAND, some fine pulverized gravel.			
2									
3									
4								SB-332 (4) 1540	
5		60/48"		S-2		0-36" Tan fine to coarse SAND, some fine gravel, saturated at approximately 8-feet.	0.0		
6									
7									
8									No monitoring well installed
9								SB-332 (9) 1545	
10		60/48"		S-3		0-22" Tan fine to coarse SAND, some fine gravel, saturated.	0.0		
11									
12						22-42" Gray fine to medium SAND, some silt, trace clay.		SB-332 (12) 1555	
13									
14									
15						42-48" Tan fine to coarse SAND, some fine gravel, rusty.			
						End of Boring @ 15 feet			

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BORING/WELL CONSTRUCTION LOG

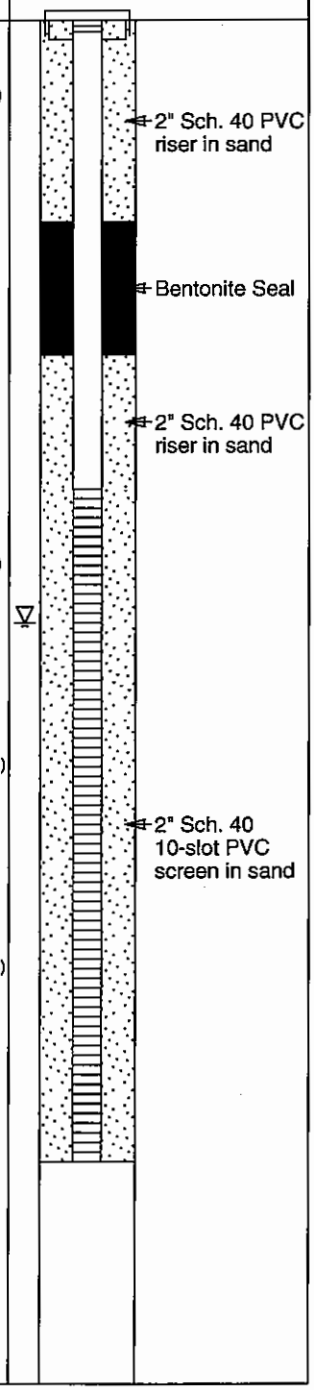
CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-349/MW-7
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/21/08
LOCATION Southeast corner of NBHS flagpole island
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig

SCREEN TYPE/SLOT Sch. 40 10-slot PVC
FILTER PACK TYPE Sand
SEAL TYPE Bentonite
DEPTH TO WATER (Approximate Feet) 9
TOTAL DEPTH (Feet) 15
GROUND ELEVATION (Feet)
REFERENCE ELEVATION (Feet) NA

NOTES Sampled for PCBs, PAHs & Metals, SB-349 (1) only sampled for PCBs. (Hold SB-349 (14))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME
		60/24"		S-1		0-4" Tan to brown TOPSOIL and SILT, trace roots, dry, no odor, no staining.	0.0	
1						4-10" Dark-brown fine SAND, trace silt, glass, wood and fine gravel, dry, no odor, no staining.		SB-349 (1) 0845
2						10-24" Tan fine to medium SAND, trace coal and rust coloration at approximately 4.5-feet, slightly moist, no odor, no staining.		
3								
4								
5		60/24"		S-2		0-12" Tan fine to medium SAND, trace fine to medium gravel, moist.	0.0	
6								
7								
8						12-24" Dark-brown to rusty-brown FILL (ash, glass, slag and coal) and fine SAND, little fine gravel, wet at approximately 9-feet, no odor, no staining.		SB-349 (8) 0850 SB-349-D 0855
9								
10		60/30"		S-3		0-18" Dark-brown organic PEAT and SILT, some fibrous organic material.	0.0	
11								SB-349 (11) 0910
12								
13						18-30" Gray fine to medium SAND, trace coarse sand, wet, no odor, no staining.		
14								SB-349 (14) 0915
15						End of Boring @ 15 feet		

WELL DIAGRAM



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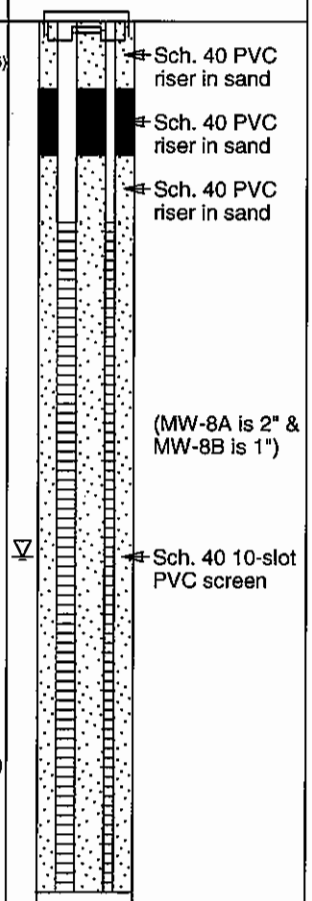
BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/115058
BORING/WELL NUMBER SB-350/MW-8A & MW-8B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 8/21/08
LOCATION Northeast corner of NBHS northwest parking lot (in grass)
SAMPLING METHOD 60" Macrocore
DRILLING METHOD 6600 DT Truck Rig
SCREEN TYPE/SLOT Sch. 40 10-slot PVC
FILTER PACK TYPE Sand
SEAL TYPE Bentonite
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 14
GROUND ELEVATION (Feet)
REFERENCE ELEVATION (Feet) NA
NOTES Sampled for PCBs, PAHs & Metals, SB-350 (0.5) only sampled for PCBs. (Hold SB-350 (11))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME
		60/18"		S-1		0-12" Dark-brown organic TOPSOIL and SILT, trace fine to medium sand, dry, no odor, no staining.	0.0	SB-350 (0.5) 1005
1								
2								
3								
						12-18" Tan fine to medium SAND, trace coarse sand and fine gravel, cutting shoe has rusty fine to medium sand with possible ash, some glass and rubber debris in tip, moist, no odor, no staining.		
4								
5		60/30"		S-2		0-2" Rusty colored FILL (ash, glass and possible coal and cinders), some organic silt.	0.0	SB-350 (5) 1010
						2-6" Organic SILT/PEAT, moist, no odor, no staining.		
6						6-18" Gray fine to coarse SAND, trace fine gravel, dense, very moist, no odor, no staining.		
7								
8						18-30" Gray to brown mottled fine to coarse SAND, trace fine gravel, wet at approximately 8 to 9-feet, no odor, no staining.		SB-350 (8) 1015
9								
10		48/18"		S-3		0-18" Gray to brown fine to coarse SAND, some fine to coarse gravel and pulverized rock, very dense (possibly till), wet.	0.0	
11								SB-350 (11) 1020
12								
13								
14						End of Boring @ 14 feet (refusal at 14-feet)		

WELL DIAGRAM



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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-1
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/29/08
LOCATION NBHS - Gym lobby approx 25' North of sidewalk
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 14
GROUND ELEVATION (Feet) 89.89
REFERENCE ELEVATION (Feet)

NOTES Sampled for PCBs, NBHS-1 (8) & NBHS-1 (12) sampled for Metals & PAHs, NBHS-1 (8) for PCB Homologs. (Hold NBHS-1 (0.5) and (14))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-8" Dark-brown organic SILT, some fine sand, trace roots, dry, no odor, no staining.	0.0	NBHS-1 (0.5) 1540	
1						8-14" Dark- tan to brown fine SAND, little silt, trace fine gravel and roots, dry, no odor, no staining.			
2						14-30" Light-tan fine to medium SAND, trace fine gravel and roots, loose, dry, no odor, no staining.			
3									
4		48/36"		S-2		0-6" Light-tan fine to medium SAND, trace fine gravel, dry, no odor, no staining.	0.0		
5						6-8" Pulverized white ROCK.			
						8-36" Tan fine SAND, little medium sand, trace fine gravel, slightly moist, no odor, no staining, (possible sign of peat and/or fill material in very tip of cutting shoe).			
6									▽
7									No monitoring well installed
8		48/24"		S-3		0-6" Dark-brown fine SAND, little silt, trace fill (glass, brick, possible coal and ash), wet, no odor, no staining.	0.0	NBHS-1 (8) 1545	
9						6-24" Black to dark-brown organic SILT (peat), wet, no odor, no staining.			
10									
11									
12		24/4"		S-4		0-4" Gray fine SAND, some silt, wet, no odor, no staining (lots of cave-in).	0.0	NBHS-1 (12) 1600	
13									
14						End of Boring @ 14 feet (Refusal)		NBHS-1 (14) 1605	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-2
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN NEG/Steve Perry & Dan Regan
DATE DRILLED 8/4/08
LOCATION NBHS - South end of NBHS pipe tunnel (D-block near gym)
SAMPLING METHOD 24" Large Bore Sampler
DRILLING METHOD Hammer Drill
NOTES Sampled for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 5
GROUND ELEVATION (Feet) NA
REFERENCE ELEVATION (Feet)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		24/10"		S-1		0-4" CONCRETE	0.0		
1						4-7" CONCRETE DUST			
						7-10" Tan to brown fine SAND, little medium to coarse sand, trace fine gravel, no odor, no staining.		NBHS-2 (1.5) 0920	
2		24/10"		S-2		0-1" Sub-base GRAVEL (collapse from above).	0.0		
						1-10" Tan to brown fine to medium SAND, little coarse sand, very slightly moist, no odor, no staining.			No monitoring well installed
3								NBHS-2 (3.5) 0925	
4		12/12"		S-3		0-12" Tan to brown fine to medium SAND, trace coarse sand and fine gravel, moist to very moist, very dense, no odor, no staining.	0.0		
5						End of Boring @ 5 feet (Refusal)		NBHS-2 (5) 0930	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-3
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/30/08
LOCATION NBHS - Middle of room D-145 (auditorium basement)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD 540 M Dolly Rig
NOTES Sampled for PCBs. (Hold NBHS-3 (8))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 8
GROUND ELEVATION (Feet) NA
REFERENCE ELEVATION (Feet)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-36" Tan to brown fine to medium SAND, little coarse sand, trace fine gravel, some sub-base gravel in upper 4-inches, moist, to odor, no staining.	0.0		
1									
2									
3									
4		48/40"		S-2		0-18" Gray to brown fine to medium SAND, little coarse sand, trace fine to coarse gravel, moist, mottling, dense, no odor, no staining.	0.0	NBHS-3 (4) 1045	No monitoring well installed
5									
6						18-40" Gray fine SAND, some silt, wet, dense, no odor, no staining.		NBHS-3 (6) 1050	▽
7									
8						End of Boring @ 8 feet (Refusal)		NBHS-3 (8) 1055	

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BORING/WELL CONSTRUCTION LOG

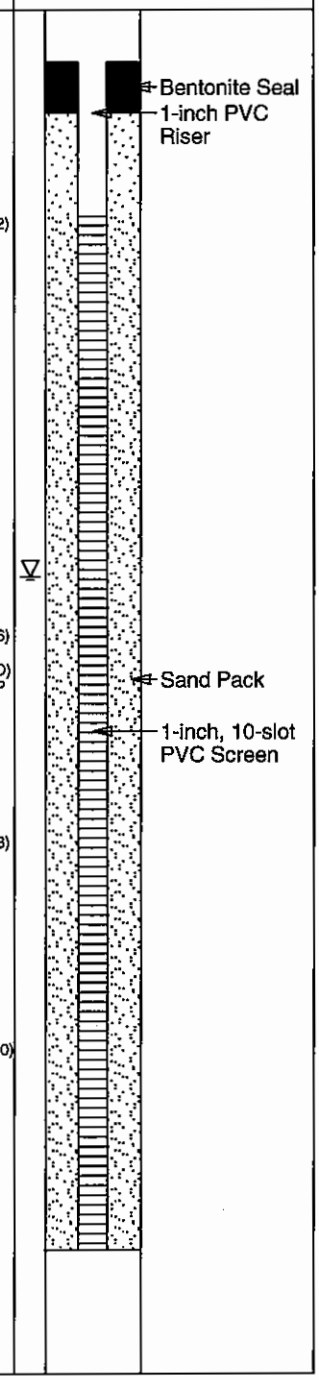
CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-4/MW-4
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/31/08
LOCATION NBHS - Inside garage bay of NBHS auto shop classroom.
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5.5
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 84.68
REFERENCE ELEVATION (Feet)

NOTES Sampled for PCBs, PAHs & Metals, NBHS-4 (2) sampled for PCBs only. (Hold NBHS-4 (10))

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME
		48/44"		S-1		0-4" CONCRETE	0.0	
1						4-44" Tan to brown fine to medium SAND, little to some coarse sand, trace fine to coarse gravel, slightly moist, no odor, no staining.		
2								NBHS-4 (2) 0940
3								
4		48/36"		S-2		0-12" Tan to gray-brown fine to medium SAND, little coarse sand, trace fine to medium gravel, moist, no odor, no staining.	0.0	
5						12-16" Dark-brown SILT, trace glass, moist, dense, no odor, no staining.		
6						16-36" Gray fine to coarse SAND, little fine gravel, loose, wet, no odor, no staining.		NBHS-4 (6) 0945 NBHS-4 (D) 0845 DUP
7								
8		48/24'		S-3		0-12" Gray fine to coarse SAND, little fine gravel, loose, wet, no odor, no staining.	0.0	NBHS-4 (8) 0950
9								
10						12-24" Orange to brown fine to coarse SAND, little fine to medium gravel, wet, no odor, no staining.		NBHS-4 (10) 0955
11								
12						End of Boring @ 12 feet		

WELL DIAGRAM



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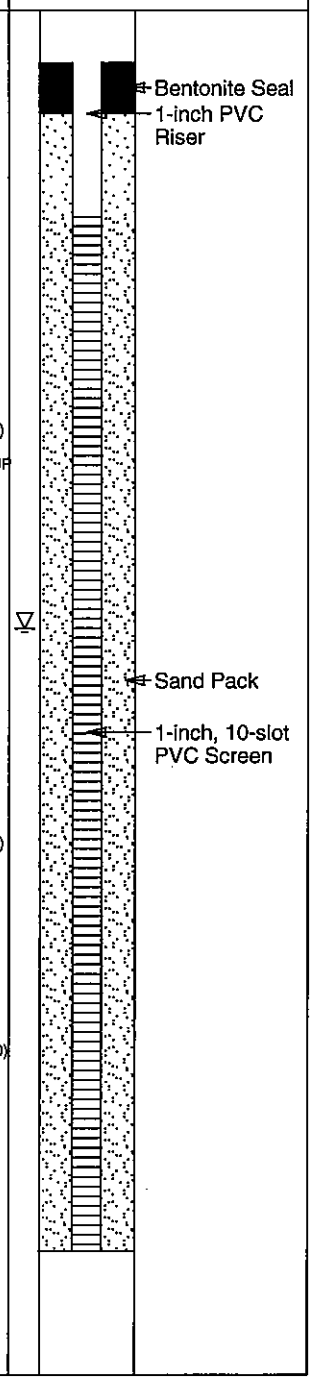
BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-5/MW-5
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/30/08
LOCATION NBHS - Immediately inside boiler room garage door.
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Sampled for PCBs, PAHs & Metals. (Hold NBHS-5 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 84.71
REFERENCE ELEVATION (Feet)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME
		48/32"		S-1		0-4" CONCRETE (cored)	0.0	
1						4-10" Brown fine to medium SAND, little coarse sand, trace fine gravel, moist (from coring machine), no odor, no staining.		
2						10-16" Pulverized gray ROCK fragments with some fine sand.		
3						16-32" Tan fine to medium SAND, little coarse sand, trace fine to coarse gravel, moist, no odor, no staining.		
4		48/36"		S-2		0-32" Gray to brown fine to medium SAND, little to some coarse sand, trace fine gravel, mottling, moist to wet at approximately 6-feet, very dense, no odor, no staining.	0.0	NBHS-5 (4) 1440 Plus MS/DUP
5								
6								
7								
						32-36" Gray fine SAND, some silt, wet, no odor, no staining.		
8		48/24"		S-3		0-24" Gray fine SAND, some silt, pulverized gray rock fragments at approximately 10-feet, dense, wet, no odor, no staining.	0.0	NBHS-5 (8) 1450
9								
10								NBHS-5 (10) 1500
11								
12						End of Boring @ 12 feet		

WELL DIAGRAM



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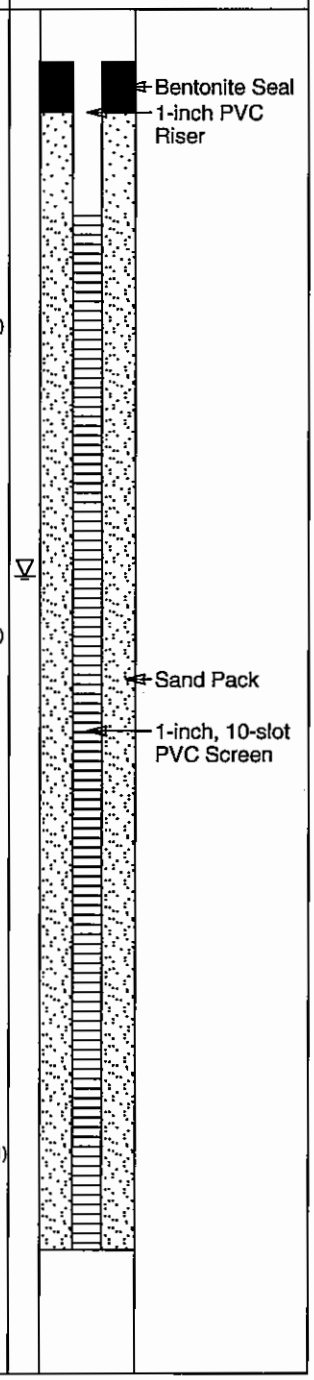
BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-6/MW-6
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/28/08
LOCATION NBHS - Tan house storage room (east of kitchen)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD 540 M Dolly Rig
NOTES Sampled for PCBs & Metals. (Hold NBHS-6 (11))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5.5
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet) 84.74
REFERENCE ELEVATION (Feet)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME
		48/41"		S-1		0-5" CONCRETE	0.0	
1						5-11" Tan to brown sub-base fine SAND, little fine gravel, trace medium to coarse sand, slightly moist, no odor, no staining.		
						11-14" Pulverized ROCK fragments.		
2						14-41" Tan to brown fine to medium SAND, little coarse sand and fine to medium gravel mottling, moist, no odor, no staining. (gray fine sand in cutting shoe).		
3								NBHS-6 (3) 1415
4		48/36"		S-2		0-12" Tan to brown fine to medium SAND, trace coarse sand and fine gravel, moist to wet at approximately 5.5 to 6-feet, no odor, no staining.	0.0	
5						12-36" Gray fine SAND, some silt, relatively dense, wet, no odor, no staining.		
6								NBHS-6 (6) 1420
7								
8		48/NA"		S-3		Note: Liner stuck in core barrel, but appeared to be full of native gray sand. Once liner was removed the material from the bottom of the core was gray fine SAND, wet, no staining, no odor (undisturbed material collected and held for analyses from approximately 11-feet).	0.0	
9								
10								
11								NBHS-6 (11) 1425
12						End of Boring @ 12 feet		



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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-7
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/29/08
LOCATION NBHS - Blue house storage room (west side)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD 540 M Dolly Rig
NOTES Sampled for PCBs, PAHs & Metals. (Hold NBHS-7 (10))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 10
GROUND ELEVATION (Feet) NA
REFERENCE ELEVATION (Feet)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/44"		S-1		0-4" CONCRETE	0.0		
1						4-24" Tan to brown fine to coarse SAND, little sub-base gravel near durface, moist, no odor, no staining.			
2						24-26" Pulverized ROCK.			
3						26-44" Brown fine to medium SAND, little coarse sand, trace fine gravel, moist, no odor, no staining.		NBHS-7 (3) 0930	
4		48/46"		S-2		0-28" Brown fine to coarse SAND, trace fine to medium gravel, very moist to wet at approximately 5-feet, no odor, no staining.	0.0		
5									No monitoring well installed
6									
7						28-46" Gray fine SAND, some silt, wet, no odor, (sharp, clear change from brown sand to gray sand).		NBHS-7 (7) 0935	
8		24/24"		S-3		0-24" Gray fine SAND, some silt, wet, no odor, no staining.	0.0		
9									
10						End of Boring @ 10 feet		NBHS-7 (10) 0945	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER NBHS-8
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7/28/08
LOCATION NBHS - Room A-114-3 (southeast corner of room)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD 540 M Dolly Rig
NOTES Sampled for PCBs. (Hold NBHS-8 (8))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6.5
TOTAL DEPTH (Feet) 8
GROUND ELEVATION (Feet) NA
REFERENCE ELEVATION (Feet)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/35"		S-1		0-5" CONCRETE	0.0		
1						5-23" Tan to brown fine to medium SAND, some sub-base gravel near surface, trace coarse sand and silt, moist, no odor, no staining.			
2								NBHS-8 (2.5) 1145	
3						23-35" Tan to brown fine to coarse SAND, trace fine to coarse gravel, wet, no odor, no staining.			
4		48/48"		S-2		0-24" Tan to brown fine to medium SAND, little coarse sand, trace to little fine to medium gravel, wet, no odor, no staining. (Note: A portion of this material is likely collapse from above.)	0.0		No monitoring well installed
5									
6						24-48" Gray fine SAND, some silt, dense, mottling at tan and gray sand interface, wet, no odor, no staining.		NBHS-8 (6) 1150	▽
7									
8						End of Boring @ 8 feet		NBHS-8 (8) 1200	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-9
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' East of HA-9 location, (Treebelt 1)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs, PAHs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.21
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-6" Dark-brown organic TOPSOIL, grass and roots, trace fine gravel, damp, no odor, no staining.		HA-9 (0-1) 1000	
1						6-34" Tan to brown fine-medium SAND, little silt and fine-medium gravel, damp, no odor, no staining.		HA-9 (1-3) 1005	
2							0.0		No monitoring well installed
3									
						34-40" FILL (coal, ash and trace glass), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-10
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - HA-10 location (Treebelt 1)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Samples analyzed for PCBs, PAHs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.97
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48		S-1		0-6" Dark-brown organic TOPSOIL, grass and roots, little fine gravel, damp, no odor, no staining.		HA-10 (0-1) 0935	
						6-45" Gray to tan fine-medium SAND, little to some silt, trace fine gravel, moist, no odor, no staining.			
1				S-2				HA-10 (1-3) 0940	
2							0.0		No monitoring well installed
3									
						45-48" FILL (ash and coal), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Between Hathaway Blvd. and Western parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.29
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		10" Dark brown SILT and fine SAND, trace roots and fine to coarse gravel, moist, no odor, no staining.			
1						14" FILL (silty matrix with ash, trace coal, slag, glass, metal and fine to medium gravel), moist, no odor, no staining.			
2							0.0	HA-19(1-3) 0915	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' North of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.07
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-8" Dark-brown organic TOPSOIL, little fine-coarse gravel, trace grass and roots, damp, no odor, no staining.		HA-19A (0-1) 1055	
1						8-16" Pulverized GRAVEL.		HA-19A (1-3) 1100	
2						16-36" FILL (ash, coal, trace glass and plastic), little fine-medium sand, damp, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19B
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' East of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.26
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-5" Dark-brown organic TOPSOIL, trace fine-medium gravel, grass and roots, damp, no odor, no staining.		HA-19B (0-1) 1140	
						5-20" Tan to brown fine-medium SAND and SILT, little fine-medium gravel, damp, no odor, no staining.			
1								HA-19B (1-3) 1145	
2						20-22" Pulverized GRAVEL.	0.0		No monitoring well in stalled.
						22-40" FILL (ash, coal, glass and trace slag in a silty-sand matrix), damp to moist, no odor, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' South of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr, and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.26
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-5" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HA-19C (0-1) 1130	
1						5-15" Tan to brown fine-medium SAND, little silt, trace fine gravel and coal, damp, no odor, no staining.		HA-19C (1-3) 1135 HA-119C (1-3) DUP 1125	
2						15-32" FILL (ash, cinders, coal and glass), trace fine gravel, damp, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' West of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr, and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet) 89.38
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/36		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HA-19D (0-1) 1220	
1						8-36" Light-brown to tan fine-coarse SAND (coarser with depth), little silt, little to some fine-medium gravel, moist, no odor, no staining.		HA-19D (1-3) 1225	No monitoring well installed
2							0.0		
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' North of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.33
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HA-19E (0-1) 1230	
1						8-15" Brown to gray SILT and fine SAND with FILL (ash and glass), little fine gravel, damp, no odor, no staining.		HA-19E (1-3) 1235	
2						15-40" FILL (ash, coal, slag, cinders, glass and brick), damp, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19F
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' West of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.36
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		0-4" Dark-brown organic TOPSOIL, trace fine gravel, roots and grass, damp, no odor, no staining.		HA-19F (0-1) 1200	
						4-18" Dark-brown SILT and fine SAND, little fine gravel, trace glass, damp, no odor, no staining.		HA-19F (1-3) 1205	
1									
2						18-38" FILL (ash, glass, coal and slag), moist, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' South of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.25
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-6" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.		HA-19G (0-1) 1110	
						6-36" FILL (ash, coal, slag, glass, cinders and trace brick), moist, no odor, no staining.			
1								HA-19G (1-3) 1115	
2							0.0		No monitoring well installed
3									
						36-40" Tan fine-medium SAND, some silt, trace fine gravel.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-19H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' West of HA-19
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 89.29
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/36		S-1		0-5" Dark-brown organic TOPSOIL, grass and roots, trace fine gravel, damp, no odor, no staining.		HA-19H (0-1) 1210	
						5-15" Tan to light brown fine-medium SAND, some fine-medium gravel, trace silt, damp, no odor, no staining.			
1								HA-19H (1-3) 1215	
						15-36" Tan fine-coarse SAND (increasing coarse sand with depth), trace silt and fine gravel, damp, no odor, no staining.			
2							0.0		No monitoring well installed
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HA-19I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 5' North of HA-19E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.39
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-5" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1						5-15" Brown to dark-brown fine-medium SAND, some fine-medium gravel, little silt and trace roots, moist, no odor, no staining.			
2								HA-19I (1-3) 0850 HA-119I (1-3) DUP 0950	No monitoring well installed
3						15-20" FILL (fine sand matrix with slag, wood and trace coal), damp, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HA-19K
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 5' South of HA-19G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.28
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-6" Dark-brown organic SILT/TOPSOIL trace grass, roots and fine-medium gravel, moist, no odor, no staining.	0.0		
1						6-20" FILL (coal, ash and trace glass), moist, no odor, no staining.			
2						20-22" Grayish-brown SILT and trace clay, moist, no odor, no staining.		HA-19K (1-3) 0900 Plus MS/DUP	No monitoring well installed
3						22-26" FILL (glass, slag, coal and ash), moist, no odor, no staining.			
						26-36" Brown fine SAND and SILT, little fine gravel, moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HA-19M
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 10' North of HA-19E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.41
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/21"		S-1		0-5" Dark-brown organic SILT/TOPSOIL, trace grass and roots, no odor, no staining.	0.0		
1						5-15" Dark-brown fine-medium SAND, some fine gravel, trace silt, coarse sand and slag, no odor, no staining.			
2								HA-19M (1-3) 0845	No monitoring well installed
3						15-19" Pulverized CONCRETE.			
4						19-21" FILL (glass, coal, slag and metal debris), moist, no odor, no staining.			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HA-19O
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 10' South of HA-19G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.30
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-6" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel.	0.0		
1						6-10" Dark-brown fine-medium SAND, little silt and fine gravel, moist, no odor, no staining.			
						10-13" Pulverized GRAVEL.			
2						13-18" FILL (coal, ash and metal fragments).		HA-19O (1-3) 0940	No monitoring well installed
3						18-30" Brown to grayish-brown fine SAND and SILT, trace fine gravel and clay, moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HA-19Q
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 20' North of HA-19E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.30
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-5" Dark-brown organic SILT/TOPSOIL, trace grass and roots, moist, no odor, no staining.	0.0		
1						5-8" Tan fine-medium SAND, some pulverized gravel, little silt, trace glass and porcelain, moist, no odor, no staining.			
2						8-20" FILL (glass, slag and metal shards), some fine-medium dark-brown sand, no odor, no staining.		HA-19Q (1-3) 0830	No monitoring well installed
3									
4						End of Boring at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HA-19S
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 15' South of HA-19G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.28
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/25"		S-1		0-5" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1						5-10" Tan fine-medium SAND, some fine gravel and little silt, damp, no odor, no staining.			
2						10-18" Brown SILT, trace fine gravel and clay, moist, no odor, no staining.		HA-19S (1-3) 0930	No monitoring well installed
3						18-22" FILL (coal, ash and glass), moist, no odor, no staining.			
						22-25" Brown SILT, some fine gravel and trace clay, trace iron staining, no odor.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HA-36
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Between Hathaway Blvd. and Southwestern parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.39
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown SILT and fine SAND, trace roots, grass, and fine gravel, moist, no odor, no staining.			
1						4" SILTY matrix with some FILL (ash, glass, and slag), moist, no odor, no staining.			
						2" Pulverized GRAVEL with thin layer of dark brown silt at 14 inches, no odor, no staining.			
2						16" Tan-brown fine to medium SAND, trace silt and fine to medium gravel, moist, no odor, no staining.	0.0	HA-36(1-3) 0925	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-7
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - HB-7 location (Treebelt 1)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.93
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-8" Dark-brown organic TOPSOIL, with roots and grass, little fine-medium gravel, damp, no odor, no staining.		HB-7 (0-1) 1030	
1						8-37" Brown to gray fine-coarse SAND (increasingly coarse sand with depth), little to some fine-medium gravel (some pulverized), trace silt, damp to moist, no odor, no staining.		HB-7 (1-3) 1035	
2							0.0		No monitoring well installed
3									
						37-40" FILL (ash and coal), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-9
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - HB-9 location (Treebelt 1)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs, PAHs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.85
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48		S-1		0-8" Dark-brown organic TOPSOIL, little fine gravel, grass and roots, damp, no odor, no staining.		HB-9 (0-1) 1015	
1						8-22" Tan to light gray fine-medium SAND, little to some silt, little fine gravel, damp, no odor, no staining.		HB-9 (1-3) 1020	
2						22-48" FILL (ash, cinders, coal, slag and trace glass), moist, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-10
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - HB-10 location (Treebelt 1)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs, PAHs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.04
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-6" Dark-brown TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HB-10 (0-1) 0920	
1						6-12" Brown fine-coarse SAND, some fine-medium gravel, trace to little silt, damp , no odor, no staining.		HB-10 (1-3) 0925	
2						12-36" FILL (coal, brick, ash, trace glass and plastic), damp, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-22
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - South of western faculty parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.46
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba). Duplicate analyzed for PCBs only.

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic SILT, trace grass, roots, fine gravel and glass.		HB-22(0-1) 1305	
1						22" FILL (glass, ash, cinders, coal, slag, trace brick).			
2							0.0	HB-22(1-3) 1310 HB-122(1-3) DUP 1410	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Center point of delineation ring
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.07
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						6" Dark brown SILT with trace to little fill (coal, slag, glass), slightly moist, no odor, no staining.		HB-23A(0-1) 1320	
1						22" FILL (ash, coal, slag, and glass), mottled clay (very dense) from 30-34 inches, slightly moist, no odor, no staining.			
2							0.0	HB-23A(1-3) 1325	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet West of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.19
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						28" FILL (ash, coal, slag and glass), slightly moist, no odor, no staining.		HB-23B(0-1) 1310	
1									
2							0.0	HB-23B(1-3) 1315 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet South of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.37
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, trace glass, slightly moist, no odor, no staining.			
						22" FILL (ash, coal, slag, glass, trace plastic), slightly moist, no odor, no staining.		HB-23C(0-1) 1340	
1									
2							0.0	HB-23C(1-3) 1345	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet East of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.14
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		12" Dark brown organic TOPSOIL, trace roots, grass, fine gravel, glass and coal, slightly moist, no odor, no staining.		HB-23D(0-1) 1330	
1						18" Tan fine SAND, little silt, trace medium to coarse sand, slightly moist, no odor, no staining (note: no obvious signs of fill at depth, could be close to drain line in area).			
2							0.0	HB-23D(1-3) 1335	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet North of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.06
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		18" Dark brown organic TOPSOIL, trace grass, roots, fine gravel, and fill (glass and gray silty material), slightly moist, no odor, no staining.		HB-23E(0-1) 1210	
1									
2						14" FILL (ash, coal, slag, glass, trace possible roofing material, trace brick), slightly moist to moist, no odor, no staining.	0.0	HB-23E(1-3) 1215	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet South of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.20
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						22" FILL (ash, coal, slag, glass), slightly moist, no odor, no staining.		HB-23F(0-1) 1410	
1									
2							0.0	HB-23F(1-3) 1415	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet Southeast of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.31
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel.			
						2" Gray fine SAND, slightly moist, no odor, no staining.		HB-23G(0-1) 1350	
1						10" Dark brown SILT and fine SAND matrix with little to some fill (coal, slag, glass, and possible ash), slightly moist, no odor, no staining.			
2							0.0	HB-23G(1-3) 1355	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx.y 20 feet Northeast of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.77
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.		HB-23H(0-1) 1200	
1						22" FILL (ash, coal, slag, glass, trace rusty coloration), slightly moist to moist, no odor, no staining. (Note: black material at 24-28" has slight creosote odor).			
2							0.0	HB-23H(1-3) 1205	No Monitoring well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23I
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet Northwest of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.00
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		HB-23I(0-1) 1150	
1						8" Dark brown SILT and fine SAND matrix with some fill (glass, coal, and slag).			
2						22" FILL (ash, slag, coal, glass, trace rusty coloration), slightly moist, no odor, no staining.	0.0	HB-23I(1-3) 1155	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23J
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet West of center point ("A")
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		8" Dark brown organic TOPSOIL, trace roots, grass, fine gravel and glass, slightly moist, no odor, no staining.		HB-23J(0-1) 1300	
1						12" Tan fine SAND, little silt and medium to coarse sand, trace fine gravel, slightly moist, no odor, no staining.			
2						2" Dark brown SILT, trace roots, slightly moist, no odor, no staining.	0.0	HB-23J(1-3) 1305	No Monitoring Well Installed
						12" Tan fine SAND, trace to little medium to coarse sand, trace fine gravel, slightly moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23K
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Approx. 10 feet West of HB-23I
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.41
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		12" Dark brown organic TOPSOIL/SILT, trace fine gravel, grass, roots, and glass.			
1						6" Dark brown to tan fine to medium SAND, some pulverized brick and gravel, trace coal.			
						22" Tan fine to medium SAND, little fine gravel, no odor, no staining.			
2							0.0	HB-23K(1-3) 1145	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23L
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Approx. 10 feet North of HB-23I
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.96
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL/SILT, trace fine gravel, grass, roots, and coal.			
						3" Pulverized GRAVEL.			
1						19" Dark brown fine to medium SAND and FILL (glass, ash, coal, cinders, trace slag).			
2							0.0	HB-23L(1-3) 1210	No Monitoring Well Installed
						3" Pulverized GRAVEL.			
3						3" Brown fine to medium SAND, trace brick fragments.			
4						End of Boring - Terminated at 4 feet			

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650 Suffolk Street
Lowell MA
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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23M
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Approx. 10 feet North of HB-23L
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.05
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		10" Dark brown organic TOPSOIL/SILT, trace grass, roots, fine gravel, and glass.			
1						30" Tan fine to medium SAND, some fine gravel, some silt, damp, no odor, no staining.			
2							0.0	HB-23M(1-3) 1220	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-23N
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Approx. 7 feet East of HB-23I
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		10" Dark brown organic TOPSOIL/SILT, trace fine gravel, grass, roots, glass and coal.			
1						26" Brown to tan mottled fine to medium SAND, little silt, trace fine gravel , trace coal, no odor, no staining.			
2							0.0	HB-23N(1-3) 1200 HB-123N(1-3) 1300	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-39
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - HB-39 location (Treebelt 4)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.88
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HB-39 (0-1) 0955	
1						8-40" FILL (ash, coal, slag and trace fine-medium gravel), damp, no odor, no staining.		HB-39 (1-3) 1000	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' North of HB-39
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.89
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/18"		S-1		0-6" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-39-A (0-1) 0925	
1									
						6-12" Brown fine SAND, some fine-coarse gravel, little silt and glass, moist, no odor, no staining.		HB-39-A (1-3) 0930	No monitoring well installed
2									
						12-18" FILL (ash, coal and trace glass), moist, no odor, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' South of HB-39
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.96
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32"		S-1		0-8" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-39-C (0-1) 1010	
1						8-32" FILL (fine sand matrix with glass, ash, coal and slag), moist, no odor, no staining.			
2								HB-39-C (1-3) 1015	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' West of HB-39
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.04
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-4" Dark-brown organic TOPSOIL/SILT, trace grass and roots, moist, no odor, no staining.	0.0	HB-39-D (0-1) 0945	
1						4-5" Pulverized GRAVEL.			
						5-20" FILL (coal, ash and glass), moist, no odor, no staining.			
2								HB-39-D (1-3) 0950	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' North of HB-39
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.85
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-8" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-39-E (0-1) 0915	
1						8-17" Dark-brown to brown fine-medium SAND, little silt and fine-coarse gravel, trace slag, moist, no odor, no staining.			
2								HB-39-E (1-3) 0920	No monitoring well installed
						17-30" FILL (ash, little coal and rubber material with 'creosote-like' odor), little dark-brown fine sand and silt at the bottom 2".			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' South of HB-39
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.96
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-10" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-39-G (0-1) 1020	
1						10-11" Tan fine-medium SAND and fine-medium GRAVEL.			
						11-30" Dark -brown fine-coarse SAND and FILL (glass and trace coal), some fine-medium gravel, moist, no odor, no staining.		HB-39-G (1-3) 1025	No monitoring well installed
2									
3						30-36" FILL (ash, coal and shoe leather), moist, no odor, trace black staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' West of HB-39
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.49
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24"		S-1		0-4" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-39-H (0-1) 0955	
1						4-14" Dark-brown fine SAND and SILT, little fine gravel and glass, trace porcelain pieces, moist, no odor, no staining.			
2								HB-39-H (1-3) 1000	No monitoring well installed
3						14-24" FILL (ash, coal, rubber with creosote odor and glass), moist, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-39L
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 5' West of HB-39H
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.74
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/16"		S-1		0-6" Dark-brown organic SILT/TOPSOIL, trace grass, roots, fine gravel and coal, moist, no odor, no staining.	0.0		
1									
						6-14" Dark-brown fine SAND and SILT, some fine gravel and trace wood debris, moist, no odor, no staining.		HB-39L (1-3) 1035	No monitoring well installed
2									
3									
						14-16" FILL (ash, coal and trace glass), moist, no odor, no staining.			
4						End of Boring @ 4 feet.			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HB-40
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - HB-40 location (Treebelt 4)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.79
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28		S-1		0-8" Dark-brown organic TOPSOIL, little to some fine-medium gravel, little roots and grass, damp, no odor, no staining.		HB-40 (0-1) 0930	
1						8-28" FILL (ash, glass, coal and asphalt shingle in fine sand matrix), some fine-coarse gravel, damp, no odor, no staining.		HB-40 (1-3) 0935	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' North of HB-40
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.89
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/16"		S-1		0-6" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-40A (0-1) 1100	
1									
						6-16" FILL (ash, coal, rubber, wood, metal and glass), very loose, moist, no odor, no staining.		HB-40A (1-3) 1105 HB-140A (1-3) 1005 DUP	No monitoring well installed
2									
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' South of HB-40
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.86
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-5" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-40C (0-1) 1140	
1						5-12" Dark-brown fine SAND and SILT, little fine gravel, trace coal and glass, moist, no odor, no staining.			
2								HB-40C (1-3) 1145	No monitoring well installed
						12-20" FILL (glass, ash and trace pulverized gravel), moist, no odor, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' West of HB-40
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.99
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28"		S-1		0-6" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-40D (0-1) 1115	
1						6-20" Dark-brown fine SAND and SILT, little fine-coarse gravel and trace coal and glass, moist, no odor, no staining.			
2								HB-40D (1-3) 1120 Plus MS/DUP	No monitoring well installed
3						20-28" FILL (brick, ash, coal and trace wood and glass), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' North of HB-40
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.92
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-6" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-40E (0-1) 1035	
1						6-12" Grayish-brown fine SAND and SILT, little fine-medium gravel, trace coal and glass, moist, no odor, no staining.			
2						12-20" Brown to tan fine-coarse SAND, some silt, trace fine gravel, moist, no odor, no staining.		HB-40E (1-3) 1040	No monitoring well installed
3						20-30" FILL (coal, ash, glass and leather), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' South of HB-40
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.82
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/18"		S-1		0-4" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0	HB-40G (0-1) 1150	
1						4-10" Dark-brown with tan fine-medium SAND, some coarse sand and silt, trace glass and coal, moist, no odor, no staining.			
2								HB-40G (1-3) 1155	No monitoring well installed
						10-18" FILL (ash, coal, metal and rubber with creosote odor), moist, no odor, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' West of HB-40
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.33
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PCBs, PAHs & 5 Metals (As, Pb, Cd, Cr and Ba), (HOLD ALL)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-6" Dark-brown organic TOPSOIL/SILT, trace grass, roots, fine gravel and brick, moist, no odor, no staining.	0.0	HB-40H (0-1) 1130	
1						6-20" FILL (ash, glass, coal and slag), moist, no odor, no staining.			
2								HB-40H (1-3) 1135	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 5 'North of HB-40E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.94
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/12"		S-1		0-5" Dark-brown organic SILT/TOPSOIL, little fine-medium gravel, trace grass and roots, moist, no odor, no staining.	0.0		
1									
2						5-11" FILL (fine-medium sand matrix with coal, slag, and trace glass and ash), moist, no odor, no staining.		HB-40I (1-3) 1030	No monitoring well installed
3									
4						11-12" Pulverized CONCRETE.			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40K
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 5' South of HB-40G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.78
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/16"		S-1		0-6" Dark-brown organic SILT/TOPSOIL, trace grass and roots, moist, no odor, no staining.	0.0		
1									
						6-10" Pulverized BRICK			
2								HB-40K (1-3) 1040	No monitoring well installed
						10-16" FILL (coal, wood and ash), little fine-coarse sand, moist, no odor, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40M
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 10' North of HB-40E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.86
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24"		S-1		0-6" Dark-brown organic SILT/TOPSOIL, trace fine-medium gravel with roots and grass, moist, no odor, no staining.	0.0		
1						6-9" Pulverized GRAVEL.			
						9-24" FILL (fine-medium sand matrix with glass, rubber, ash and coal), moist, no odor, no staining.			
2								HB-40M (1-3) 1020	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40O
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 10' South of HB-40G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.77
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/18"		S-1		0-8" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0		
1									
						8-9" Pulverized GRAVEL.			
2						9-18" FILL (coal, brick, ash, trace metal and ash), moist, no odor, no staining.		HB-40O (1-3) 1050	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40Q
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 15' North of HB-40E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & Cd (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.87
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24"		S-1		0-10" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0		
1									
2						10-24" FILL (fine-medium sand matrix with ash, brick, coal, and wood) moist, no odor, no staining.		HB-40Q (1-3) 1005	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HB-40S
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-7-09
LOCATION NBHS - 15" South of HB-40G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.80
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/16"		S-1		0-5" Dark-brown organic SILT/TOPSOIL, trace grass, roots and fine gravel.	0.0		
1									
						5-16" FILL (fine-medium SAND matrix with ash, coal and trace glass).			
2								HB-40S (1-3) 1055	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - South of western faculty parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.58
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL/SILT, trace fine gravel.		HC-22(0-1) 1245	
1						4" Brown to black fine to medium SAND, some fine gravel, trace silt and coal.			
						18" FILL (ash, coal, slag, metal debris, glass).			
2							0.0	HC-22(1-3) 1250 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' North of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.56
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-5" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, dry, no odor, no staining.		HC-22A (0-1) 1525	
						5-7" Brown fine-medium SAND, little fine gravel.			
1						7-30" FILL and fine-medium SAND (glass, ash, coal and trace concrete debris), damp, no odor, no staining.		HC-22A (1-3) 1530 HC-122A (1-3) DUP 1430	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22B
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' East of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.51
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/22		S-1		0-10" Dark-brown organic TOPSOIL, trace fine-gravel, roots and grass, dry, no odor, no staining.		HC-22B (0-1) 1640	
1								HC-22B (1-3) 1645	
2						10-15" Pulverized GRAVEL.	0.0		No monitoring well installed
3						15-22" Dark-brown to black fine-medium SAND and FILL (ash and coal) with pulverized gravel.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' South of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.61
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24		S-1		0-6" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, damp, no odor, no staining.		HC-22C (0-1) 1540	
1						6-24" Brown fine-medium SAND and FILL (ash, coal, glass and bricks), damp, no odor, no staining.		HC-22C (1-3) 1545 PLUS MS/DUP	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' West of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24		S-1		0-6" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, dry, no odor, no staining.		HC-22D (0-1) 1625	
1						6-24" Dark fine-medium SAND and FILL (ash, coal, slag, concrete, brick and trace glass), damp, no odor, no staining.		HC-22D (1-3) 1630	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 10' North of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.64
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28		S-1		0-8" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, dry, no odor, no staining.		HC-22E (0-1) 1515	
1						8-24" Brown fine-medium SAND, some fine-coarse gravel and silt, dry, no odor, no staining.		HC-22E (1-3) 1520	
2							0.0		No monitoring well installed
						24-28" FILL (ash, coal and glass), damp, no door, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22F
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 10' East of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.54
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/22		S-1		0-6" Brown organic TOPSOIL, some pulverized gravel, dry to damp, no odor, no staining.		HC-22F (0-1) 1650	
1						6-22" Dark-brown to black fine-medium SAND and GRAVEL with FILL (coal, ash and trace slag), damp, no odor, no staining.		HC-22F (1-3) 1655	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 10' South of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.67
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24		S-1		0-7" Dark-brown fine SAND and SILT with grass and roots, trace fine gravel, dry, no odor, no staining.		HC-22G (0-1) 1555	
1								HC-22G (1-3) 1600	
						7-24" Brown fine-medium SAND and FILL (coal, ash, brick, glass, slag and concrete debris), damp, no odor, no staining.	0.0		No monitoring well installed
2									
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HC-22H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 10' West of HC-22
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.47
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/22		S-1		0-5" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.		HC-22H (0-1) 1610	
1						5-22" Dark-brown to black fine-medium SAND and FILL (ash, coal, slag and trace glass), damp, no odor, no staining.		HC-22H (1-3) 1615	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet West-Northwest of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.71
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL, trace grass and roots, slightly moist, no odor, no staining.		HD-14A(0-1) 1625	
1						4" Tan fine SAND, little silt, slightly moist, no odor, no staining.			
						18" FILL (ash, coal, slag, trace brick, wood and glass), moist, no odor, no staining.			
2							0.0	HD-14A(1-3) 1630	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet South of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.89
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		6" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						6" Tan fine SAND, little silt, trace medium to coarse sand and glass, slightly moist, no odor, no staining.		HD-14B(0-1) 1545	
1						24" Fine SAND matrix with FILL (ash, coal, slag, shingles, glass, trace brick), slightly moist, fine sand mainly rusty colored from 30-34", no odor, no staining.			
2							0.0	HD-14B(1-3) 1550 HD-114B(1-3) 1650	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.71
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/28		S-1		6" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						22" Mixture of fine SAND and FILL (ash, coal, slag, trace glass and brick), moist, no odor, no staining.		HD-14C(0-1) 1640	
1									
2							0.0	HD-14C(1-3) 1645	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.51
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		HD-14D(0-1) 1555	
1						6" Tan fine SAND, little silt, trace medium to coarse sand, no odor, no staining.			
						18" FILL (ash, coal, slag, glass, trace metal), moist, no odor, no staining.			
2							0.0	HD-14D(1-3) 1600 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet South of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.04
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		6" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						4" Tan fine SAND, slightly moist, no odor, no staining.		HD-14E(0-1) 1535	
1						2" Rusty colored FILL (ash, coal, and slag), slightly moist, no odor, no staining.			
						6" Black pulverized GRAVEL.			
						12" FILL (ash, coal, slag, glass), moist, no odor, no staining.			
2							0.0	HD-14E(1-3) 1540	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.53
REFERENCE ELEVATION (Feet, NAVD 88) NA

NOTES Samples analyzed for PCBs (Hold) or VOCs (HD-14F(2.5) analyzed for VOCs due to headspace screening)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, moist, no odor, no staining.		HD-14F(0-1) 1655	
1						4" Tan to brown fine SAND, little silt and medium to coarse sand, moist, no odor, no staining.			
						10" FILL (ash, coal, slag, trace glass), moist, no odor, no staining.			
2							52.0	HD-14F(1-3) 1700	No Monitoring Well Installed
								HD-14F(2.5) 1710	
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.41
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/31		S-1		7" Dark brown organic TOPSOIL, trace roots, grass, and fine to medium gravel, slightly moist, no odor, no staining.			
						24" FILL (ash, coal, slag, asphalt (at 26-28"), trace brick and glass), slightly moist, no odor, no staining.		HD-14G(0-1) 1605	
1									
2							0.0	HD-14G(1-3) 1610	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-14H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet West-Northwest of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.87
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		HD-14H(0-1) 1615	
1						6" Tan fine SAND, slightly moist, no odor, no staining.			
2						16" FILL (ash, coal, slag, glass), slightly moist to moist, no odor, no staining.	0.0	HD-14H(1-3) 1620	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet North of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs (Hold), and Metals (Hold).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.76
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		14" Dark brown Organic TOPSOIL, trace roots and grass.		HD-19A(0-1) 1540	
1						12" Tan fine SAND, little silt, slightly moist, no odor, no staining.			
2						14" FILL (ash, coal, slag, trace glass, flakey material with cardboard-like texture, slight creosote odor at 40 inches), moist, no staining.	0.0	HD-19A(1-3) 1545 HD-119A(1-3) 1640	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet East of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.86
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		10" Dark brown organic TOPSOIL, trace grass and roots, no odor, no staining.		HD-19B(0-1) 1625	
1						32" Tan fine SAND, little silt and medium to coarse sand, slightly moist to moist, no odor, no staining (Note: No obvious signs of fill at depth, could be a result of close proximity to building and/or utilities).			
2							0.0	HD-19B(1-3) 1630	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet South of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.51
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		10" Dark brown organic TOPSOIL, trace grass and roots, no odor, no staining.		HD-19C(0-1) 1550	
1						10" Tan fine SAND, little silt, no odor, no staining.			
2						20" FILL (ash, coal, slag, trace glass), moist, no odor, no staining.	0.0	HD-19C(1-3) 1555	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet West of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.45
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, no odor, no staining.		HD-19D(0-1) 1635	
1						14" Dark tan to brown fine SAND, little silt and medium to coarse sand, trace fill at depth (ash and coal), slightly moist, no odor, no staining.			
2							0.0	HD-19D(1-3) 1640	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 20 feet South of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.78
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		14" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel.		HD-19E(0-1) 1320	
1						8" Tan fine SAND, little silt, slightly moist, no odor, no staining.			
2						18" FILL (ash, coal, slag, trace glass and wood), moist, no odor, no staining.	0.0	HD-19E(1-3) 1325	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 20 feet East of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.01
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, no odor, no staining.		HD-19F(0-1) 1610	
1						26" Tan fine SAND, little silt and medium to coarse sand, slightly moist to moist, no odor, no staining (Note: No obvious signs of fill at depth, could be a result of close proximity to building and/or utilities).			
2							0.0	HD-19F(1-3) 1615	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-19G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 20 feet South of HD-19 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.49
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, no odor, no staining.		HD-19G(0-1) 1600	
1						10" Tan fine SAND, little silt, slightly moist, no odor, no staining.			
2						20" FILL (ash, coal, slag, trace glass and wood, orange foam material in cutting shoe), moist, no odor, no staining.	0.0	HD-19G(1-3) 1605	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet.			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - North of ND-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet) 89.27
REFERENCE ELEVATION (Feet) NA
NOTES Samples analyzed for PAHs, Dibenzonfuran, and Metals (Pb, Cd, Cr, As, Ba).

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, moist (rain), no odor, no staining.		HD-20(0-1) 1535	
1						2" Tan-brown fine SAND, little silt, slightly moist, no odor, no staining.			
						22" FILL (ash, little coal, trace glass and slag) slightly moist to moist, no odor, no staining.			
2							0.0	HD-20(1-3) 1540 HD-120(1-3) DUP 1640	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' North of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.32
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-6" Dark-brown organic TOPSOIL, some fine-coarse gravel, grass and roots, damp, no odor, no staining.		HD-20A (0-1) 1515	
1						6-40" FILL (silty sand matrix with coal, ash, slag, glass, brick and cinders), damp to moist, no odor, no staining.		HD-20A (1-3) 1520 PLUS MS/DUP	
2									No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20B
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' East of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.41
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/48		S-1		0-10" Dark-brown organic TOPSOIL, trace fine gravel, roots and grass, damp, no odor, no staining.		HD-20B (0-1) 1615	
1						10-12" Tan fine-medium SAND. 12-48" FILL (ash, coal, cinders and glass), damp to moist, no odor, no staining.		HD-20B (1-3) 1620 HD-120B (1-3) DUP 1630	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' South of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.17
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-14" Dark-brown organic TOPSOIL, little fine gravel, fine sand, roots and grass, damp, no odor, no staining.		HD-20C (0-1) 1530	
1								HD-20C (1-3) 1535	
2						14-36" FILL (coal, glass, ash, cinders and porcelain), moist, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 5' West of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.16
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		0-11" Dark-brown organic TOPSOIL, little fine sand and gravel, trace grass and roots, damp, no odor, no staining.		HD-20D (0-1) 1635	
1								HD-20D (1-3) 1640	
						11-38" FILL (ash, glass, cinders, trace porcelain, rubber and metal), damp, no odor, no staining.			
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' North of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.34
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-10" Dark-brown organic SILT/TOPSOIL, damp, no odor, no staining.	0.0	HD-20E (0-1) 1500	No monitoring well installed
1						10-24" Tan fine-medium SAND, little silt, trace fine gravel, damp, no odor, no staining.		HD-20E (1-3) 1505	
2									
3						24-36" FILL (ash, coal, pulverized brick, slag and trace glass), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20F
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' East of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.58
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42		S-1		0-10" Dark-brown organic TOPSOIL, trace fine gravel, grass, roots and coal.		HD-20F (0-1) 1600	
1						10-20" Tan fine-medium SAND, little silt, trace fine gravel, moist, no odor, no staining.		HD-20F (1-3) 1605	
2						20-42" FILL (ash, coal, glass and brick), moist to wet, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' South of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.07
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-5" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, damp, no odor, no staining.		HD-20G (0-1) 1545	
1						5-30" FILL (ash, coal, cinders, glass and trace brick), moist, no odor, no staining.		HD-20G (1-3) 1550	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-20H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/19/09
LOCATION NBHS - 10' West of HD-20
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.10
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HD-20H (0-1) 1650	
1						8-30" FILL (ash, cinders, coal, slag, glass and porcelain pieces), damp, no odor, no staining.		HD-20H (1-3) 1655	
2							0.0		
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Between A-Block and West parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PAHs, Dibenzofuran, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet) 88.88
REFERENCE ELEVATION (Feet) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/26		S-1		8" Dark brown SILT and fine SAND, trace roots, fine gravel, and glass, moist, no odor, no staining.		HD-21(0-1) 1545	
1						6" Pulverized GRAVEL.			
						2" BRICK.			
						10" FILL (ash, slag, trace coal and glass), slightly moist, no odor, no staining.			
2							0.0	HD-21(1-3) 1550	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 5' North of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.95
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-8" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.		HD-21A (0-1) 1555	
1						8-32" FILL with fine-medium SAND matrix (glass, ash and coal), little fine-medium gravel, damp, no odor, no staining.		HD-21A (1-3) 1600 PLUS MS/DUP	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21B
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 5' East of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.93
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-6" Dark-brown organic TOPSOIL, trace gravel, grass, roots and coal, damp, no odor, no staining.		HD-21B (0-1) 1630	
1						6-32" FILL (glass, coal, trace slag and trace brick), damp, no odor, no staining.		HD-21B (1-3) 1635	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 5' South of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.92
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-6" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, dry to damp, no odor, no staining.	0.0	HD-21C (0-1) 1515	No monitoring well installed
1						6-12" Pulverized GRAVEL.		HD-21C (1-3) 1520 HD-121C (1-3) DUP 1420	
2						12-36" FILL (ash, glass, coal,trace slag and metal), some fine-medium sand, damp to moist, no odor, no staining			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 4' West of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.85
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28		S-1		0-10" Dark- brown organic TOPSOIL, trace fine gravel, roots, grass and coal.		HD-21D (0-1) 1645	
1								HD-21D (1-3) 1650	
						10-28" FILL (ash, coal and slag), trace fine-medium gravel, damp, no odor, no staining.			
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' North of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba), (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.96
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/33		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.		HD-21E (0-1) 1610	
1						8-33" FILL (fine sand and silt matrix with ash, coal, porcelain and glass), trace fine-medium gravel, damp, no odor, no staining.		HD-21E (1-3) 1615	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21F
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' East of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba), (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.08
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-16" Dark-brown SILT and fine SAND, some medium gravel, trace coal and glass @ 14-16", damp, no odor, no staining.		HD-21F (0-1) 1620	
1								HD-21F (1-3) 1625	
2						16-40" Light brown to tan fine-medium SAND, damp, no odor, no staining.	0.0		No Monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' South of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba), (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.07
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-12" Dark-brown TOPSOIL, some grass and roots at surface, damp, no odor, no staining.		HD-21G (0-1) 1500	
1								HD-21G (1-3) 1505	
						12-16" FILL (coal, trace glass and fine-medium sand), damp, no odor, no staining.			
2						16-20" Gray fine-coarse pulverized GRAVEL	0.0		No monitoring well installed
						20-32" FILL (glass, coal and trace porcelain), damp, no odor, no staining.			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-21H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' West of HD-21
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAH, PCBs and 5 metals (As, Pb, Cd, Cr and Ba), (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.92
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, coal, grass and roots, damp, no odor, no staining.		HD-21H (0-1) 1700	
1						8-32" FILL (ash, coal, glass and porcelain), damp, no odor, no staining.		HD-21H (1-3) 1705	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HD-21K
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of HD-21G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 89.43
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/21"		S-1		0-14" Brown organic TOPSOIL with root fragments.	0.0		No monitoring well installed
1									
2						14-17" FILL (coal ash, slag, white ash and glass), rusty banding.		HD-21K (1-3) 1330 HD-121K (1-3) 1430	
						17-19" Crushed GRANITE.			
						19-22" FILL (coal ash, slag, white ash and glass), rusty banding.			
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HD-21O
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 6' South of HD-21K
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 89.16
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/26"		S-1		0-12" Brown organic TOPSOIL and root fragments.	0.0		
1									
						12-14" Tan fine-medium SAND.			No monitoring well installed
						14-26" FILL (white ash, coal, slag, glass and tar sheet fragments.)			
2								HD-21O (1-3) 1315	
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER HD-21S
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 5' South of HD-21O
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb & PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 88.95
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/24"		S-1		0-10" Brown organic TOPSOIL.	0.0		
1									
						10-24" FILL (coal, glass, coal ash and white ash), rusty banding.			No monitoring well installed
2								HD-21S (1-3) 1300	
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-22
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Southeast of western faculty parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.03
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic SILT, trace fine gravel, trace glass, grass and roots.		HD-22(0-1) 1515	
1						16" Dark brown to brown fine to medium SAND, some fine gravel, trace glass and silt.			
2						6" Tan fine to medium SAND, some silt.	0.0	HD-22(1-3) 1520	No Monitoring Well Installed
						6" FILL (glass, ash, cinders, brick).			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HD-23
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Southwest of House #1
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PAHs and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.10
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		18" Dark brown organic TOPSOIL (silt and fine sand), trace roots and fine gravel, slightly moist, no odor, no staining.		HD-23(0-1) 1520	
1									
						2" Pulverized GRAVEL.			
2						16" FILL (ash, coal, trace glass and brick), slightly moist, tan fine sand in cutting shoe, no odor, no staining.	0.0	HD-23(1-3) 1525	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-10B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 10 feet East of HE-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.69
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/20		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.			
1						8" Tan to brown fine SAND, little silt and medium to coarse sand, trace fine to medium gravel, moist, no odor, no staining.		HE-10B(0-1) 1210	
2						6" FILL (ash, little coal, trace glass and wood debris), moist, no odor, no staining.	0.0	HE-10B(1-3) 1215	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-10C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 10 feet South of HE-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.25
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HE-10C(0-1) 1320	
1						8" Dark tan-brown fine SAND, little silt and medium to coarse sand, trace fine to medium gravel, moist, no odor, no staining.			
2						8" FILL (ash, some silty matrix, trace to little coal and glass, trace wood with organic/oily odor (PID=0.3 ppm)), moist, no odor, no staining.	0.0	HE-10C(1-3) 1325 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-10D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 10 feet West of HE-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.79
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist to moist, no odor, no staining.		HE-10D(0-1) 1155	
1						4" Tan-brown SILT and fine SAND, moist, no odor, no staining.			
						3" Tan-orange-brown fine SAND, little silt and medium to coarse sand, moist, no odor, no staining.			
						9" FILL (ash, little coal and glass), moist, no odor, no staining.			
2							0.0	HE-10D(1-3) 1200 HE-100D(1-3) DUP 1300	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-10G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 20 feet South of HE-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.92
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/22		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HE-10G(0-1) 1335	
						2" Pulverized GRAVEL.			
1						12" FILL (ash, little coal, glass and silty matrix, leather (possible shoe) in cutting shoe), moist, no odor, no staining.			
2							0.0	HE-10G(1-3) 1340	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-10H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 20 feet West of HE-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.79
REFERENCE ELEVATION (Feet, NAVD 88) NA

NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/26		S-1		8" Dark brown SILT and fine SAND, trace to little fine gravel, trace roots, moist, no odor, no staining.		HE-10H(0-1) 1145	
1						3" Tan to brown fine SAND, trace fine gravel, moist, no odor, no staining.			
						15" FILL (ash, little coal and glass, trace slag and metal), moist, no odor, no staining.			
2							0.0	HE-10H(1-3) 1150	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-44B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS- Within asphalt side walk of Southwest parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Pb)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.41
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		4" ASPHALT.			
						2" Tan fine to medium SAND, dry, no odor, no staining.			
1						16" Dark brown SILT and fine SAND, trace to little coal, trace fine gravel, slightly moist, no odor, no staining.		HE-44B(0-1) 1345	
2						8" FILL (ash, trace coal, glass), moist, no odor, no staining.	0.0	HE-44B(1-3) 1350	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-44C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS- Between Southwest parking lot and Parker St. sidewalk
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Pb)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.38
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		18" Dark brown SILT and fine SAND, trace roots, fine gravel and fill (coal and possible ash), slightly moist, no odor, no staining.		HE-44C(0-1) 1315	
1									
2						14" Dark tan to orange-brown fine SAND, trace medium to coarse sand and fine to medium gravel, slightly moist, no odor, no staining.	0.0	HE-44C(1-3) 1320	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-44F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS- Approx. 10 feet East of HE-44B location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Pb) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.19
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/33		S-1		8" Dark brown SILT and fine SAND, trace fine to coarse gravel (pulverized) and roots, slightly moist, no odor, no staining.		HE-44F(0-1) 1400	
1						7" Dark brown SILT and fine SAND, trace to little coal, trace brick and possible ash, slightly moist, no odor, no staining.			
						5" Tan-brown SILT with fine GRAVEL, slightly moist, no odor, no staining.			
2						13" FILL (ash, little coal, trace slag and glass), slightly moist to moist, no odor, no staining.	0.0	HE-44F(1-3) 1405	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HE-44G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Immediately North of Parker St. sidewalk
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Pb) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.25
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		8" Dark brown SILT and fine SAND, with pulverized GRAVEL at 4 inches, trace roots, slightly moist, no odor, no staining.		HE-44G(0-1) 1330	
1						16" Tan to brown fine SAND, trace fine gravel, coal, and rusty coloration, slightly moist, no odor, no staining.			
2						4" Black hard tar-like substance with creosote odor (PID=4.2 open space/11.0 headspace).	0.0	HE-44G(1-3) 1335	No Monitoring Well Installed
3						4" Tan to brown SILT with rusty coloration, trace glass, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-10B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 10 feet East of HF-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.85
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/22		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HF-10B(0-1) 1420	
1						6" Tan to brown fine SAND, little silt, medium to coarse sand, and fine gravel, moist, no odor, no staining.			
2						8" FILL (ash, little coal, trace glass and wood), moist, no odor, no staining.	0.0	HF-10B(1-3) 1425	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-10C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 10 feet South of HF-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.54
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HF-10C(0-1) 1350	
1						19" Dark brown and dark tan-brown SILT and fine SAND, trace to little medium to coarse sand and fine gravel, trace fill (coal and glass), moist, no odor, no staining.			
2							8.8	HF-10C(1-3) 1355	No Monitoring Well Installed
3						7" FILL (ash, little coal and glass, trace brick and fine gravel, cutting shoe has wood debris with slight odor (oily/creosote)), moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-10D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 10 feet West of HF-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.76
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HF-10D(0-1) 1230	
1						10" Tan to brown fine SAND, little silt and fine gravel, moist, no odor, no staining.			
2						6" FILL (ash, little coal and glass), moist, no odor, no staining.	0.0	HF-10D(1-3) 1235	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-10F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 20 feet East of HF-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.91
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HF-10F(0-1) 1435	
1						14" FILL (ash, little coal and rusty coloration, trace glass and plastic), moist, no odor, no staining.			
2							0.0	HF-10F(1-3) 1440	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-10G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 20 feet South of HF-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.99
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown SILT and fine SAND, trace roots and fine to medium gravel, moist, no odor, no staining.		HF-10G(0-1) 1405	
1						8" Dark tan-brown fine SAND and SILT, trace fine to medium gravel, coal and glass, moist, no odor, no staining.			
2						8" FILL (ash, little coal, trace glass and wood debris in tip with oily-creosote odor), moist, no odor, no staining.	4.6	HF-10G(1-3) 1410	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-10H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Approx. 20 feet West of HF-10
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 Track Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.73
REFERENCE ELEVATION (Feet, NAVD 88) NA

NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba) (Hold all)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		12' Dark brown SILT and fine SAND, trace roots, fine gravel and coal, moist, no odor, no staining.		HF-10H(0-1) 1220	
1						8" Tan to brown fine SAND, little silt and medium to coarse sand, trace fine to medium gravel, moist, no odor, no staining.			
2						10" FILL (ash, some silty matrix, little coal and glass, trace fine gravel and wood), moist, no odor, no staining.	0.0	HF-10H(1-3) 1225	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14A
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet southwest of HF-14D
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals (Hold all)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.69
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-6" Brown organic SILT, some fine to medium sand, grass at the surface, wet (rain).	0.0	HF-14A (0-1) 1510	
1						6-22" Tan fine to coarse SAND, some fine gravel.		HF-14A (1-3) 1515	
2									No monitoring well installed
3						22-30" Black FILL (ash, cinders and wood debris).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14B
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet southeastt of HF-14E
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals (Hold all)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.03
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-8" Dark-brown fine to coarse SAND, some silt and fine gravel, moist.	0.0	HF-14B (0-1) 1715	
1						8-14" Dark brown to gray fine to coarse SAND, some fine gravel, trace brick and glass.		HF-14B (1-3) 1720	
						14-40" Tan fine to medium SAND, trace fill in shoe.			
2									No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14C
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet northeast of HF-14F
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals (Hold all)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.50
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34		S-1		0-8" Brown fine to coarse SAND, trace silt, fine gravel, grass and roots, moist.	NM	HF-14C (0-1) 1640	No monitoring well installed
1						8-22" Tan fine to coarse SAND, some fine gravel, moist.		HF-14C (1-3) 1645	
2									
						22-34" Black to rusty colored FILL (ash, coal, slag, cinders and trace glass).			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14D
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet southwest of HF-14G
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals (Hold all)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.42
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-6" Brown fine to medium SAND, trace grass and topsoil at surface.	0.0	HF-14D (0-1) 1520	
1						6-16" Brown to tan fine to coarse SAND, some fine gravel.		HF-14D (1-3) 1525	
2						16-32" Mixed colors from black to rusty FILL (rubber/foam rubber and wood debris) and fine to coarse SAND.			No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14E
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 15-20 feet southeast of center point
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.16
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-8" fine to coarse SAND, some fine gravel, trace silt, grass and roots, wet.	0.3	HF-14E (0-1) 1655	No monitoring well installed
1						8-18" Tan fine to medium SAND, trace greenish gray sand at approximately 1.5'.		HF-14E (1-3) 1700 HF-14Z DUP 1500	
2						18-28" Tan to rusty fine to medium SAND, trace glass and coal.			
3						28-36" Rusty FILL (glass, ash, coal, slag and wood debris).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14F
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet northeast of HF-14H
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals (Hold all)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.32
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34		S-1		0-6" fine to coarse SAND, some silt, trace grass and roots.	NM	HF-14F (0-1) 1630	
1						6-22" Tan fine to coarse SAND, trace fine gravel.		HF-14F (1-3) 1635	
2									No monitoring well installed
3						22-34" Rusty to black FILL (possible ash, some slag, glass, cinder and wood debris).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14G
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet southwest of center point
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs and metals

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.28
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34		S-1		0-8" Brown fine to medium SAND, some silt, trace fine gravel.	0.2	HF-14G (0-1) 1530	No monitoring well installed
1						8-14" Tan fine to coarse SAND.		HF-14G (1-3) 1535	
2						14-34" Rusty colored FILL (glass, wood debris, trace slag and cinders).			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HF-14H
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Keith Precious
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet northeast of center point
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PAHs, PCBs, and metals

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.22
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-8" Brown fine to coarse SAND, trace fine gravel, rusty colors at ~6'.		HF-14H (0-1) 1540	
1						8-28" Tan to brown fine to coarse SAND, some fine gravel.		HF-14H (1-3) 1545	
2									No monitoring well installed
3									
						28-32" Tan to brown fine to coarse SAND, some fine gravel, trace coal fragments.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-14I
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/8/09
LOCATION NBHS - Approx. 10 feet Southwest of HF-14A
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Metals (Pb, Cd, Cr, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.73
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		8" Dark brown SILT and fine SAND, trace grass, roots, and fine gravel, slightly moist, no odor, no staining.			
1						12" Tan-brown fine SAND, trace fine gravel and coal, moist, no odor, no staining.			
						2" Pulverized GRAVEL.			
2						4" Dark orange-tan fine SAND, little silt, moist, no odor, no staining.	0.0	HF-14I(1-3) 1535	No Monitoring Well Installed
3						14" FILL (silt with glass and possible ash, some wood from 26-32 inches then ash, trace coal, glass and slag to 40 inches), moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 10 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.91
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/48		S-1		10" Dark brown SILT and fine SAND, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.		HF-31A(0-1) 1030	
1						26" Dark brown fine SAND and SILT, trace to some fill (ash, glass, and coal mainly from 10-16" and 26-36"), trace fine gravel, slightly moist, no odor, no staining.			
2							0.0	HF-31A(1-3) 1035	No Monitoring Well Installed
3						12" FILL (ash, little coal and glass), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 10 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.55
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-31B(0-1) 1155	
1						12" Tan to brown fine SAND, little silt and medium to coarse sand, slightly moist, no odor, no staining.			
2						8" Dark brown SILT, trace fill (possible ash, coal, and glass), slightly moist, no odor, no staining.	0.0	HF-31B(1-3) 1200	No Monitoring Well Installed
						1" Tan fine SAND, no odor, no staining.			
3						11" FILL (ash, little coal, trace glass and slag), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 10 feet South of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.29
REFERENCE ELEVATION (Feet, NAVD 88) NA

NOTES Samples analyzed for PCBs and Metals (Pb, Cd). Duplicate collected for PCBs analysis only.

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/46		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
						6" Dark tan-brown fine SAND and SILT, trace to little fill (glass and coal), slightly moist, no odor, no staining.		HF-31C(0-1) 1045	
1						12" Tan-brown fine SAND, little medium to coarse sand, slightly moist, no odor, no staining.			
2						20" Dark gray fine SAND and SILT, little to some fill (coal, brick, glass, ceramic, and possible ash), trace fine gravel, slightly moist, very slight petroleum odor at 30-36 inches.	1.8	HF-31C(1-3) 1050 HF-131C(1-3) 1150	No Monitoring Well Installed
3									
						2" FILL (ash and coal), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 10 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.33
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/44		S-1		6" Dark brown SILT and fine SAND, trace grass, roots and fine gravel, slightly moist, no odor, no staining.			
1						10" Dark brown and dark tan to brown fine SAND, some silt, trace fine gravel, little coal at 10-12 inches, slightly moist, no odor, no staining.		HF-31D(0-1) 1130	
						7" Tan to brown fine SAND, trace to little medium to coarse sand and silt, slightly moist, no odor, no staining.			
2						12" Dark brown SILT matrix with FILL (ash, glass, coal, and rusty coloration), slightly moist, no odor, no staining.	0.0	HF-31D(1-3) 1135 Plus MS/Dup	No Monitoring Well Installed
3						9" FILL (ash, some coal, little glass, trace rubber, brick and slag), moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 20 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 91.09
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/48		S-1		8" Dark brown SILT and fine SAND, trace roost and fine to medium gravel, slightly moist, no odor, no staining.		HF-31E(0-1) 1020	
1						32" Dark brown SILT and fine SAND, little to some fill (glass, coal, trace brick and possible ash mainly at 8-18 inches and 30-40 inches), trace fine gravel, slightly moist, no odor, no staining.			
2							0.0	HF-31E(1-3) 1025	No Monitoring Well Installed
3									
						8" FILL (ash, little coal and glass, trace brick), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 20 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		10" Dark brown SILT and fine SAND, trace grass, roots and fine gravel, slightly moist, no odor, no staining.		HF-31F(0-1) 1205	
1						20" Tan-gray-brown fine SAND, little silt and medium to coarse sand, trace coal at 10 inches, slightly moist, no odor, no staining.			
2							0.0	HF-31F(1-3) 1210	No Monitoring Well Installed
						3" Dark brown SILT, slightly moist, no odor, no staining.			
3						6" Gray-tan fine SAND with thin dark brown bands of silt, slightly moist, no odor, no staining.			
						3" FILL (ash, little coal, trace glass and rusty coloration), slightly moist, no odor, no staining, gray fine to medium sand in cutting shoe.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 20 feet South of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.28
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/44		S-1		8' Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-31G(0-1) 1100	
1						18" Tan to brown fine SAND, little silt and medium to coarse sand, trace fine gravel, slightly moist, no odor, no staining.			
2						6" Dark brown SILT and fine SAND, trace fine gravel and rusty coloration, slightly moist, no odor, no staining.	0.0	HF-31G(1-3) 1105	No Monitoring Well Installed
3						12" FILL (black silty matrix with ash, coal, little glass, trace brick), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-31H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approx. 20 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.30
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
						8" Dark brown fine SAND, little to some silt, trace fine gravel, coal, and glass, slightly moist, no odor, no staining.		HF-31H(0-1) 1115	
1									
						2" Tan to brown fine to medium SAND, trace coarse sand, slightly moist, no odor, no staining.			
						14" Dark brown changing to tan-brown fine SAND, trace fine to medium gravel, little silt and medium to coarse sand, slightly moist, no odor, no staining.	0.0	HF-31H(1-3) 1120	No Monitoring Well Installed
2									
						12" FILL (ash, little coal and glass, trace rubber and slag), slightly moist to moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approx. 10 feet North of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.22
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		15" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-35A(0-1) 1110	
1						6" Tan fine SAND, trace to little medium to coarse sand, slightly moist, no odor, no staining.			
2						17" FILL (silty matrix with ash, some coal, trace slag, glass, metal, and rusty coloration), slightly moist, no odor, no staining.	0.0	HF-35A(1-3) 1115	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 10 feet East of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.12
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown SILT and fine SAND, trace roots and fine to medium gravel, slightly moist, no odor, no staining.		HF-35B(0-1) 1220	
1						8" Dark tan-brown fine SAND, little to some silt, trace fine gravel, slightly moist, no odor, no staining.			
						6" Dark gray-brown fine SAND and SILT, trace rusty coloration and glass, slightly moist, no odor, no staining.			
2						14" FILL (black silty matrix with ash, some coal, little glass, trace wood, and metal), slightly moist to moist, no odor, no staining.	0.0	HF-35B(1-3) 1225	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 10 feet South of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.01
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		12" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-35C(0-1) 1050	
1						8" Tan-brown fine SAND, trace medium to coarse sand, slightly moist, no odor, no staining.			
						4" Dark gray-brown, fine SAND and SILT, little fine gravel, trace rusty coloration, slightly moist, no odor, no staining.			
2						16" FILL (silty matrix with ash, coal, trace slag and glass), slightly moist, no odor, no staining.	0.0	HF-35C(1-3) 1055 HF-135C(1-3) 1155	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 10 feet West of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.09
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		10" Dark brown SILT and fine SAND, trace roots and fine to medium gravel, slightly moist, no odor, no staining.		HF-35D(0-1) 1200	
1						4" Dark tan-brown fine SAND, some silt, trace fine gravel and rusty coloration, slightly moist, no odor, no staining			
						7" Tan-gray-brown fine SAND, some silt, trace rusty coloration, slightly moist, no odor, no staining			
2						13" FILL (ash, little coal, trace to little glass and slag), moist, no odor, no staining	0.0	HF-35D(1-3) 1205 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20 feet North of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.37
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/39		S-1		6" Dark brown SILT and fine SAND, trace roots, slightly moist, no odor, no staining.			
						7" Dark tan-brown fine SAND and SILT, trace fine gravel, slightly moist, no odor, no staining.		HF-35E(0-1) 1130	
1						3" Tan-brown fine SAND, trace medium to coarse sand, slightly moist, no odor, no staining.			
						2" Dark gray SILT, trace rusty coloration, slightly moist, no odor, no staining.			
2						21" FILL (ash, some coal and glass,trace to little slag, trace metal), slightly moist, no odor, no staining.	0.0	HF-35E(1-3) 1135	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20 feet East of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.11
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-35F(0-1) 1235	
1						8" Tan to brown fine SAND, some silt, slightly moist, no odor, no staining.			
2						12" Gray-brown SILT and fine SAND, trace rust coloration, wood debris and possible fill (18-20 inches and 28-30 inches - ash and glass), slightly moist, no odor, no staining.	0.0	HF-35F(1-3) 1240	No Monitoring Well Installed
3						6" FILL (black silty matrix with ash, trace glass, coal, and slag), moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-35H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20 feet West of HF-35
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.18
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
						4" Dark tan-brown fine SAND and SILT, trace fine gravel, slightly moist, no odor, no staining.		HF-35H(0-1) 1140	
1						2" Tan-brown fine SAND, slightly moist, no odor, no staining.			
						16" FILL (ash, some coal and slag, trace glass and fine gravel from 16-17 inches), slightly moist, no odor, no staining.			
2							0.0	HF-35H(1-3) 1145	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-38
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - West of boys gym and south of sidewalk
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet) 88.19
REFERENCE ELEVATION (Feet) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/48		S-1		10" Dark brown fine SAND and SILT, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						6" Dark brown and gray fine SAND and SILT, trace fine gravel and rusty coloration, slightly moist, no odor, no staining.			
						36" Tan-brown fine SAND, little silt and medium to coarse sand, slightly moist, no odor, no staining.			
2							0.0	HF-38(1-3) 1355	No Monitoring Well Installed
3									
4						2" FILL (ash, coal, trace glass), moist, no odor, no staining.			
						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet Northeast of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.77
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		12" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.		HF-40A(0-1) 1010	
1						12" Tan fine SAND, little silt, trace medium to coarse sand, slightly moist, no odor, no staining.			
2						10" FILL (ash, coal, slag, glass with silty matrix), moist, no odor, no staining.	0.0	HF-40A(1-3) 1015 HF-140A(1-3) 0915	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet Southeast of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.66
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL, trace roots and grass.			
						2" Tan to orange-brown fine SAND.		HF-40B(0-1) 1340	
1						4" FILL (silty sand matrix with coal, slag, possible ash, and wood debris), slightly moist, no odor, no staining.			
						10" Tan fine SAND, little silt and medium to coarse sand, slightly moist, no odor, no staining.			
2						12" FILL (ash, coal, slag, trace brick and glass), moist, no odor, no staining.	0.0	HF-40B(1-3) 1345	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 10 feet Southwest of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.64
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		HF-40C(0-1) 1035	
1						4" Tan fine SAND, little silt, slightly moist, no odor, no staining.			
						6" Dark brown SILT and fine SAND, trace fine gravel and roots, slightly moist, no odor, no staining.			
2						8" Tan fine SAND, little silt, trace medium to coarse sand, slightly moist, no odor, no staining.	0.0	HF-40C(1-3) 1040	No Monitoring Well Installed
3						8" FILL (ash, coal, slag, trace glass in silty matrix), slightly moist to moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet Northwest of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.81
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		18" Dark brown organic TOPSOIL, trace roots, grass, and fill (coal and slag), slightly moist, no odor, no staining.		HF-40D(0-1) 1355	
1									
						12" Tan fine SAND, little medium to coarse sand and silt, slightly moist, no odor, no staining.	0.0	HF-40D(1-3) 1400 Plus MS/Dup	No Monitoring Well Installed
2									
						12" FILL (ash, coal, slag, trace wood debris), moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20 feet Northeast of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.82
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		16" Dark brown organic TOPSOIL, trace grass, roots and fine gravel, slightly moist, no odor, no staining.		HF-40E(0-1) 0950	
1						8" Tan fine SAND, trace to little silt, trace medium to coarse sand, slightly moist, no odor, no staining.			
2						12" FILL (ash, coal, slag, and glass with silty matrix), moist, no odor, no staining.	0.0	HF-40E(1-3) 0955	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 10 feet Southeast of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.91
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		6" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						2" Orange-brown fine to medium SAND.		HF-40F(0-1) 1330	
1						6" Dark brown SILT and fine SAND, trace coal, slightly moist, no odor, no staining.			
						10" Tan to brown fine SAND, little silt, trace medium to coarse sand and fine gravel, moist, no odor, no staining.			
2						8" FILL (ash, coal, slag, trace glass and wood debris), moist, no odor, no staining.	0.0	HF-40F(1-3) 1335	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/10/09
LOCATION NBHS - Approx. 20-25 feet Southwest of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.86
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL, trace grass, roots and fine to medium gravel, slightly most, no odor, no staining.		HF-40G(0-1) 1050	
1						2" Tan fine SAND, slightly moist, no odor, no staining. 10" Dark brown SILT, trace fine gravel and fill (coal and possible ash), slightly moist, no odor, no staining.			
2						16" Tan fine SAND, little silt, trace medium to coarse sand and fine to medium gravel, slightly moist to moist, no odor, no staining.	0.0	HF-40G(1-3) 1055	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 20 feet Northwest of HF-40 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.61
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		18" Dark brown organic TOPSOIL, trace roots, grass, and fill (coal and glass), slightly moist, no odor, no staining.		HF-40H(0-1) 1405	
1									
						12" Tan fine SAND, little medium to coarse sand and silt, slightly moist, no odor, no staining.	0.0	HF-40H(1-3) 1410	No Monitoring Well Installed
2									
						8" FILL (ash, coal, slag, trace glass), moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Approx. 10 feet southeast of HF-40F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Cd and Pb (Hold HF-40I(0-1))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.95
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		10" Dark brown organic SILT, trace fine gravel, grass, roots, and glass.		HF-40I(0-1) 1040	
1						2" Pulverized GRAVEL.			
						4" Dark brown fine to medium SAND, some silt, trace glass.			
						9" Tan fine to medium SAND, damp, no odor, no staining.			
2							0.0	HF-40I(1-3) 1042	No Monitoring Well Installed
3						3" FILL (ash, cinders, coal, glass).			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-40J
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/9/09
LOCATION NBHS - Approx. 10 feet East of HF-40F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Cd and Pb (Hold HF-40J(0-1))

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		6" Dark brown organic SILT, trace fine gravel, grass and roots.			
1						29" Tan to brown mottled fine to medium SAND with FILL (ash, cinders, glass), some silt, damp, no odor, no staining.		HF-40J(0-1) 1100	
2							0.0	HF-40J(1-3) 1102	No Monitoring Well Installed
3						5" FILL (ash, cinders, glass, slag).			
4						End of Boring - Terminated 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approx. 10 feet Northeast of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		18" Dark brown fine SAND and SILT, trace roots and fine to medium gravel, slightly moist, no odor, no staining.		HF-43A(0-1) 0915	
1									
2						16" FILL (silt and fine sand matrix to approximately 30 inches with trace roots, some coal and slag, pulverized gravel at 30-31 inches, ash and coal below), slightly moist, no odor, no staining.	0.0	HF-43A(1-3) 0920	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Approx. 10 feet Southeast of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCB and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.88
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		18" Dark brown changing to dark gray-brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-43B(0-1) 1435	
1						6" FILL (ash and coal, trace rusty coloration), slightly moist, no odor, no staining.			
2						8" Tan to gray-brown fine SAND, some silt, trace possible coal at 32 inches, slightly moist, no odor, no staining.	0.0	HF-43B(1-3) 1440	No Monitoring Well Installed
3						4" Pulverized GRAVEL, little silt and fine sand, slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approx. 10 feet Northwest of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		14" Dark brown fine SAND and SILT, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-43D(0-1) 0930	
1						8" Dark tan-brown fine SAND and SILT, trace medium to coarse sand, slightly moist, no odor, no staining.			
2						14" FILL (silty matrix with coal, ash, and fine gravel, increased ash at 34-36 inches), slightly moist, no odor, no staining.	0.0	HF-43D(1-3) 0935	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approx. 10 feet Northeast of HF-43A
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.08
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		16" Dark brown to dark gray-brown fine SAND and SILT (percent sand increases with depth), trace roots and fine gravel, slightly moist, no odor, no staining.		HF-43E(0-1) 0900	
1									
						8" Dark brown SILT and fine SAND, some fill (coal, slag, trace plastic, possible ash), trace roots, slightly moist, no odor, no staining.			
2						6" Pulverized GRAVEL.	0.0	HF-43E(1-3) 0905	No Monitoring Well Installed
						6" FILL (ash and coal, some rusty coloration), moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Approx. 10 feet Southeast of HF-43B
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCB and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.85
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		4" Dark brown organic TOPSOIL (silt and fine sand), trace roots and fine gravel, slightly moist, no odor, no staining.			
						4" Tan to brown fine to medium SAND, slightly moist, no odor, no staining.		HF-43F(0-1) 1420	
1						Dark brown SILT and fine SAND, little coal, and rusty coloration, slightly moist, no odor, no staining.			
						1" BRICK debris.			
						2" Orange-brown SILT, trace glass and wood and possible ash, slightly moist, no odor, no staining.			
2						16" Dark brown to black SILT and fine to medium GRAVEL, trace to little coal, trace possible ash and fine to medium sand, slightly moist, no odor, no staining.	0.0	HF-43F(1-3) 1425	No Monitoring Well Installed
3									
4						End of Boring - Terminated 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approx. 20 feet southwest of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.58
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-43G(0-1) 1015	
1						2" Dark brown fine to medium SAND, trace glass, slightly moist, no odor, no staining.			
						10" Tan-brown fine SAND, little silt, trace medium sand and roots, slightly moist, no odor, no staining.			
2						16" FILL (silty matrix with brick (26-29 inches), coal, ash, glass, trace slag and metal), slightly moist, no odor, no staining.	0.0	HF-43G(1-3) 1020	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HF-43H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approx. 10 feet northwest of HF-43D
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.35
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HF-43H(0-1) 0955	
1						2" Orange-brown fine SAND, slightly moist, no odor, no staining.			
						8" Layers of dark and light brown fine SAND, some silt, trace roots, slightly moist, no odor, no staining.			
2						4" Light gray fine to coarse SAND, trace roots, no odor, no staining.	0.0	HF-43H(1-3) 1000	No Monitoring Well Installed
						10" FILL (ash, coal, and slag with silty matrix, trace fine to coarse gravel and rusty coloration), slightly moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HG-31
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 20 feet East of HF-31F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 90.98
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/47		S-1		8" Dark brown SILT and fine SAND, slightly moist, trace roots and fine gravel, no odor, no staining.			
1						12" Dark gray tan brown fine SAND, some silt, trace fine gravel, slightly moist, no odor, no staining.			
2						10" Tan-brown fine SAND, little silt, trace to little medium to coarse sand, slightly moist, no odor, no staining.	0.0	HG-31(1-3) 1235	No Monitoring Well Installed
3						17" Dark brown changing to dark orange-brown with depth, fine SAND, little silt and medium to coarse sand, trace fine to medium gravel and coal, slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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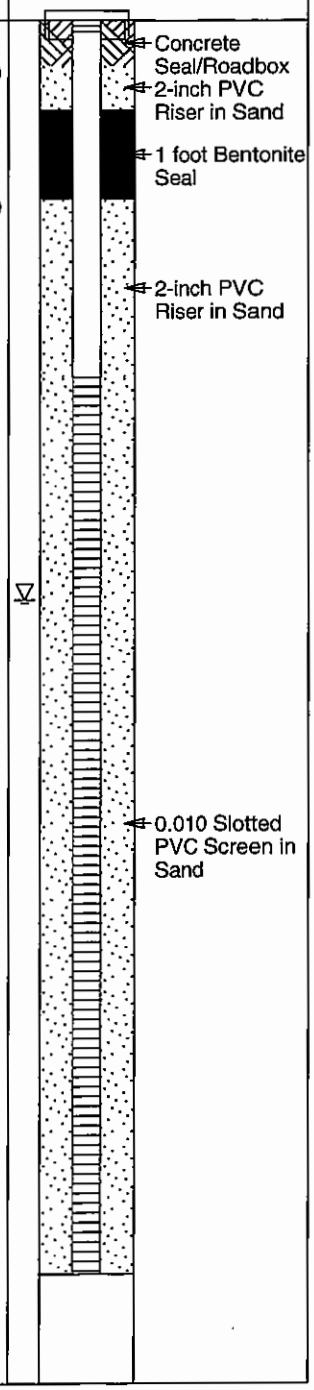
BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER MW-HH-13
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - North of House #2 (C-block)
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 DT Track Rig
NOTES Samples analyzed for Dibenzofuran

SCREEN TYPE/SLOT 0.010 2-inch slotted PVC: 4-14 feet
FILTER PACK TYPE Sand
SEAL TYPE Bentonite
DEPTH TO WATER (Approximate Feet) 6.5
TOTAL DEPTH (Feet) 14
GROUND ELEVATION (Feet) 88.17
REFERENCE ELEVATION (Feet) 87.85

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME
	NA	48/22		S-1		12" Dark brown SILT and fine SAND, trace roots and fine gravel, moist, no odor, no staining.		HH-13(0-1) 1515
1						1" Pulverized GRAVEL.		
						9" FILL (silty matrix with ash, trace to little coal, brick, plastic and wood debris), moist, no odor, no staining.		
2							0.0	HH-13(1-3) 1520
3								
4	NA	48/20		S-2		18" Dark brown to black organic PEAT, wet, no odor, no staining.		
5								
						2" Gray fine SAND and GRAVEL, wet, no odor, no staining.		
6							0.0	
7								
8	NA	48/25		S-3		28" Gray fine SAND, little silt, wet, no odor, no staining.		
9								
10							0.0	
11								
12		NA		NA		No Sample Collected		
13							NA	
14						End of Boring - Terminated at 14 feet		

WELL DIAGRAM



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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 10 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.12
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		10" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, moist, no odor, no staining.		HH-13A(0-1) 1720	
1						6" Tan to brown fine SAND, little silt and medium to coarse sand.			
2						14" Dark brown silty sand matrix with FILL (wood debris, ash, trace glass, plastic and slag), moist, slight waste-like odor, no staining.	0.0	HH-13A(1-3) 1725	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 10 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.39
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		12" Dark brown SILT and fine SAND, trace fine gravel, roots and grass, moist, no odor, no staining.		HH-13B(0-1) 1555	
1						18" FILL (ash, coal, slag, trace glass, and fibrous material (at approximately 30 inches)), moist, no odor, no staining.			
2							0.0	HH-13B(1-3) 1600	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 10 feet South of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.63
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown organic TOPSOIL, trace roots, grass and fine to medium gravel, moist, no odor, no staining.		HH-13C(0-1) 1650 Plus MS/DUP	
1						10" Tan fine SAND, little silt, moist, no odor, no staining.			
2						6" FILL (ash, slag, trace coal, glass, and metal), moist, no odor, no staining.	0.0	HH-13C(1-3) 1655	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 10 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.31
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		6" Dark brown organic TOPSOIL, trace grass, roots, and fine gravel, moist, no odor, no staining.			
						4" Gray-brown fine SAND, little silt, trace glass, moist, no odor, no staining.		HH-13D(0-1) 1610	
1						26" FILL (silty matrix with ash and slag, trace glass and wood debris), moist, no odor, no staining.			
2							0.0	HH-13D(1-3) 1615 HH-113D(1-3) 1715	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 20 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.22
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown organic TOPSOIL, trace grass, roots, and fine gravel, slightly moist, no odor, no staining.		HH-13E(0-1) 1630	
1						2" Tan fine SAND, moist, no odor, no staining. 20" FILL (silty matrix with brick, ash/cinders, trace glass and rubber (in cutting shoe)), moist, no odor, no staining.			
2							0.0	HH-13E(1-3) 1635	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 20 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.84
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		6" Dark brown organic TOPSOIL, trace grass and roots, moist, no odor, no staining.			
						6" Tan to brown fine SAND, little silt, trace fine gravel, moist, no odor, no staining.		HH-13F(0-1) 1730	
1						8" Dark brown SILT, moist, no odor, no staining.			
						5" Gray-brown fine to medium SAND, trace coarse sand and fine gravel, moist, no odor, no staining.			
2						5" Dark gray FILL (ash, wood, trace coal, slag and metal), moist, slight waste like odor, no staining.	0.0	HH-13F(1-3) 1735	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 20 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.34
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		24" Dark brown SILT and fine SAND, trace roots and grass, little fill (coal, slag, and glass), moist, no odor, no staining.		HH-13G(0-1) 1545	
1									
2						6" FILL (ash, coal, slag and glass, trace wood debris), moist, no odor, no staining.	0.0	HH-13G(1-3) 1550	No Monitoring Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approximately 20 feet South of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold), PAHs (Hold), and Metals (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.11
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		12" Dark brown organic TOPSOIL, trace roots, grass, and fine to medium gravel, moist, no odor, no staining.		HH-13H(0-1) 1640	
1						18" Tan fine SAND, little silt, trace medium sand, moist, no odor, no staining.			
2							0.0	HH-13H(1-3) 1645	No Monitoring Well Installed
3						4" Rusty colored FILL (ash, slag, trace metal and glass), moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13I
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/8/09
LOCATION NBHS - Approximately 10 feet West of HH-13G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Metals (Cd, Cr, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.48
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		12" Dark brown SILT and fine SAND, trace grass, roots, and fine to medium gravel, moist, no odor, no staining.			
1						6" Tan-brown fine SAND, slightly moist, no odor, no staining.			
						2" FILL (ash and glass), moist, no odor, no staining.			
						4" Dark brown dense SILT, moist, no odor, no staining.			
2						12" FILL (ash, little glass, trace coal, slag and metal), trace fine gravel, moist, no odor, no staining.	0.0	HH-13I(1-3) 1525	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13J
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/8/09
LOCATION NBHS - Approximately 10 feet East of HH-13E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.26
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		6" Dark brown SILT and fine SAND, trace grass, roots, and fine gravel, slightly moist, no odor, no staining.			
						2" Tan-brown fine SAND, slightly moist, no odor, no staining.			
1						24" Dark brown to dark gray-brown fine SAND, some silt, little to some fill (coal, wood, glass, possible ash) trace fine to medium gravel, moist, no odor, no staining.			
2							0.0	HH-13J(1-3) 1515	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13AA
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - within proposed area of HH-13 excavation
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for Cr, Cr(+6), ORP and pH

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.31
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-6" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.			
1						6-12" Tan fine-medium SAND, trace fine gravel and silt, damp, no odor, no staining.		HH-13AA (1-3) 1740 HH-113AA (1-3) DUP 1840	
						12-36" FILL (glass, ash, leather, wood debris and coal).			
2							0.0		No monitoring well installed
3									
								HH-13AA (3.5-4) 1745	
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13BB
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - within proposed area of HH-13 excavation
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for Cr, Cr(+6), ORP and pH

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.49
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass, roots and trace coal.			
1						8-18" Brown fine-medium SAND and SILT, some fine gravel, trace coal, damp, no odor, no staining.		HH-13BB (1-3) 1800	
2						18-40" FILL (glass, coal, ash, slag, fabric and brick).	0.0		No monitoring well installed
3								HH-13BB (3-4) 1805	
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13CC
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - within proposed area of HH-13 excavation
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for Cr, Cr(+6), ORP and pH

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.05
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-12" Dark-brown organic TOPSOIL, little fine-medium gravel, trace grass and roots.			
1								HH-13CC (1-3) 1750 PLUS MS/DUP	
						12-20" Tan fine-medium SAND, some coarse sand and fine-medium gravel, dry to damp, no odor, no staining.			
2							0.0		No monitoring well installed
						20-36" FILL (glass, ash, coal, fibrous material @ 30" (possibly asbestos), rubber and trace metal), damp, no odor, no staining.			
3								HH-13CC (3-4) 1755	
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-13DD
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - within proposed area of HH-13 excavation
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for Cr, Cr(+6), ORP and pH

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.25
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-6" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel.			
1						6-30" FILL (coal, ash, rubber, glass and slag), damp, no odor, no staining.		HH-13DD (1-3) 1730	
2							0.0		No monitoring well installed
3								HH-13DD (3.5-4) 1735	
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HH-30A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 10 feet South of HH-30
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 91.73
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
						14" Tan-brown fine SAND, little silt and medium to coarse sand, trace fine gravel, slightly moist, no odor, no staining.		HH-30A(0-1) HOLD 1245	
1									
						2" Dark brown SILT, little fine sand, slightly moist, no odor, no staining.			
2						9" Tan fine SAND, little silt, trace medium to coarse sand, slightly moist, no odor, no staining.	0.0	HH-30A(1-3) 1250	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HI-10A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	24/24		S-1		8" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.		HI-10A(0-1) 1010	
1						14" Dark brown fine SAND and SILT, some fill (glass, slag, and possible ash), trace fine to medium gravel, moist, no odor, no staining.	0.0		
2	NA	24/10		S-2		2" FILL (ash, coal, slag, and trace glass), moist, no odor, no staining.		HI-10A(1-3) 1015	No Monitoring Well Installed
						10" FILL (ash, slag, trace coal, ash, and ceramic pieces), wet, no odor, no staining.			
3							0.0		
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HI-10B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 20 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.53
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		6" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.			
						6" Dark tan to brown fine SAND, little to some fill (slag, coal, glass, possible ash), moist, no odor, no staining.		HI-10B(0-1) 1240	
1						12" FILL (ash, slag, trace coal and glass), moist, no odor, no staining.			
2							0.0	HI-10B(1-3) 1245	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HI-10C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 2.5
GROUND ELEVATION (Feet, NAVD 88) 88.49
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb) (Hold). HI-10(1-2) only analyzed for PCBs

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	30/14		S-1		4" Dark brown organic TOPSOIL, trace grass, roots, fine gravel, and glass, slightly moist, no odor, no staining.			
						2" Pulverized GRAVEL.		HI-10C(0-1) 1040	
						3" Tan fine SAND, slightly moist, no odor, no staining.			
1						5" FILL (ash, slag, little coal, trace glass), moist, no odor, no staining.			No Monitoring Well Installed
								HI-10C(1-2) 1045	
2							0.0		
						End of Boring - Refusal at 2.5 feet (Note: Failed at four attempts to reach a greater depth. Limited sample volume and analyses from 1 to 2 foot interval as a result.)		

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HI-10D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 20 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		6" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.			
						4" Tan to brown fine SAND, little silt and medium to coarse sand, moist, no odor, no staining.		HI-10D(0-1) 0955	
1						14" FILL (ash, coal, slag, trace glass, rusty coloration and metal debris), moist to wet, no odor, no staining.			
2							0.0	HI-10D(1-3) 1000	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HI-10E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 20 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold) and Metals (Cd, Cr, Pb) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.59
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, moist, no odor, no staining.		HI-10E(0-1) 1255	
1						16" FILL (ash, slag, little coal, trace glass and metal), moist, no odor, no staining.			
2							0.0	HI-10E(1-3) 1300	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 15 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.61
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, little fill from 6-8 inches (glass and coal), slightly moist, no odor, no staining.		HJ-10A(0-1) 1120	
1						8" Tan fine SAND, slightly moist, no odor, no staining.			
2						8" FILL (ash, slag, trace coal, glass, ceramic, and metal), moist, no odor, no staining.	0.0	HJ-10A(1-3) 1125	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 25 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold) and Metals (Cd, Cr, Pb) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.56
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.		HJ-10B(0-1) 1055	
1						8" Dark brown fine SAND with some fill (ash, glass, coal, slag), slightly moist, no odor, no staining.			
2						8" FILL (ash and slag, trace coal, glass, and wood), moist, no odor, no staining.	0.0	HJ-10B(1-3) 1100	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet West of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.59
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/26		S-1		8" Dark brown organic TOPSOIL, trace grass, roots, and fine gravel, slightly moist, no odor, no staining.		HJ-10C(0-1) 1135	
1						12" FILL (ash, slag, trace coal, glass, and plastic), moist, no odor, no staining.			
						5" Black organic PEAT, moist, no odor, no staining.			
2						1" Tan fine to medium SAND, moist, no odor, no staining.	0.0	HJ-10C(1-3) 1140	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/28		S-1		6" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						10" FILL (silty matrix with ash, slag, trace coal, glass, and plastic), moist, no odor, no staining.		HJ-10D(0-1) 1230	
1									
						4" Black organic PEAT, moist, no odor, no staining.			
2						8" Tan fine to medium SAND, trace coarse sand and fine gravel, moist, no odor, no staining.	0.0	HJ-10D(1-3) 1235	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 20 feet North of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold) and Metals (Cd, Cr, Pb) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.56
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		6" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, moist, no odor, no staining.			
						14" Fine SAND and SILT matrix with FILL (ash, slag, trace coal, glass and wood), moist no odor, no staining.		HJ-10E(0-1) 1310	
1									
2						10" Tan fine SAND, little silt and medium to coarse sand, moist, no odor, no staining.	0.0	HJ-10E(1-3) 1315	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 10 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Cd, Cr, Pb)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.81
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown organic TOPSOIL, little fill (coal, slag, glass, and possible ash), trace roots, grass, and fine gravel.		HJ-10F(0-1) 1150	
1						16" Orange-brown fine SAND and SILT, trace medium to coarse sand and fine gravel, moist, no odor, no staining. (Note: no obvious signs of fill material at depth).			
2							0.0	HJ-10F(1-3) 1155	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-10G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/11/09
LOCATION NBHS - Approx. 20 feet East of center point
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs (Hold) and Metals (Cd, Cr, Pb) (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.88
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		6" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.			
1						18" Tan to orange-brown fine SAND, little silt and medium to coarse sand, trace fine gravel, moist, no odor, no staining (Note: no obvious signs of fill material at depth).		HJ-10G(0-1) 1205	
2							0.0	HJ-10G(1-3) 1210	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-25A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20-25 feet South of HJ-25
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 96.06
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		8" Dark brown SILT and fine SAND, trace roots, slightly moist, no odor, no staining.			
						4" Pulverized GRAVEL.		HJ-25A(0-1) HOLD 1615	
1						32" Tan to brown fine SAND, little to some silt, trace medium sand, slightly moist, no odor, no staining.			
2							0.0	HJ-25A(1-3) 1620	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 10 feet North of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.90
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						20" Tan to brown fine SAND, little to some silt, trace fine gravel, slightly moist, no odor, no staining.		HJ-42A(0-1) 0915	
2							0.0	HJ-42A(1-3) 0920	No Monitoring Well Installed
3						10" FILL (silty matrix from 28-30 inches then ash, little coal, trace slag and glass), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 10 feet East of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.81
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/31		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
						16" Tan to brown fine SAND, little to some silt, trace fine gravel, slightly moist, no odor, no staining.		HJ-42B(0-1) 1405	
1									
2						7" Black SILT matrix with FILL (ash, coal, and glass), trace rusty coloration, moist, no odor, no staining.	0.0	HJ-42B(1-3) 1410	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 10 feet South of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.63
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		9" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HJ-42C(0-1) 0905	
1						15" Tan to brown fine SAND, little to some silt, trace fine to medium gravel, slightly moist, no odor, no staining.			
2						4" Dark brown SILT, little fill (ash and coal), slight moist, dense, no odor, no staining.	0.0	HJ-42C(1-3) 0910	
3						12" FILL (ash, little coal, trace slag and glass), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 10 feet West of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.56
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/37		S-1		7" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						16" Tan-brown fine SAND, little to some silt, trace fine gravel, slightly moist, no odor, no staining.		HJ-42D(0-1) 1425	
2						14" FILL (ash, little coal, trace slag and glass), dark gray to brown fine sand from 34-36 inches, slightly moist to moist, no odor, no staining.	0.0	HJ-42D(1-3) 1430	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 20-25 feet North of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.18
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						28" Tan-brown fine SAND, little to some silt, trace fine gravel, darker zone from 22-23 inches but no obvious signs of fill at depth, slightly moist to moist, no odor, no staining.		HJ-42E(0-1) 0930	
2							0.0	HJ-42E(1-3) 0935	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20 feet East of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.89
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/40		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						14" Tan to brown fine SAND, little to some silt, trace fine gravel, slightly moist, no odor, no staining.		HJ-42F(0-1) 1350	
2						8" FILL (silt matrix with coal, little ash), slightly moist, no odor, no staining.	0.0	HJ-42F(1-3) 1355	No Monitoring Well Installed
3						10" FILL (ash, little coal, trace glass), cutting shoe contains dark gray fine sand, slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 20 feet South of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.56
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		6" Dark brown SILT and fine SAND, trace roots and pulverized gravel, slightly moist, no odor, no staining.			
1						14" Tan-brown fine SAND, little to some silt, trace fine to medium gravel, slightly moist, no odor, no staining.		HJ-42G(0-1) 0855	
2						14" FILL (some silty matrix with ash, little coal, trace glass and wood), slightly moist to moist, no odor, no staining.	0.0	HJ-42G(1-3) 0900	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HJ-42H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20 feet West of HJ-42
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs and Metals (Pb, Cd) (Hold all)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.14
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HJ-42H(0-1) 1440	
1						12" Tan to brown fine SAND, little to some silt, trace fine gravel, slightly moist, no odor, no staining.			
2						4" Dark brown SILT with FILL (ash, coal, and wood debris), slightly moist, no odor, no staining.	0.0	HJ-42H(1-3) 1445	No Monitoring Well Installed
3						12" FILL (ash, some coal, trace slag, glass and metal), moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-A
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 4' North of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 8
GROUND ELEVATION (Feet, NAVD 88) 86.34
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34		S-1		6" Organic TOPSOIL, SILT and fine to medium SAND, trace grass at surface.	0.0	HRC-33-A (0-1) 1315	
1						8" Gray to brown fine to medium SAND, trace silt and coal.		HRC-33-A (1-3) 1320 Plus MS/Dup	
2						16" Black to gray fine to coarse SAND, fine GRAVEL and FILL (concrete, brick, slag, cinders, glass, and ash).			
3									
						4" Brown fine to coarse SAND, moist to wet.			
4		48/42		S-2		4" Brown fine to coarse SAND, moist to wet.			No Monitoring Well Installed
						36" Brown organic PEAT, moist.	0.0		
5									
6									
7									
8						4" Gray to brown fine to medium SAND, some silt, wet.			
						End of Boring @ 8 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-B
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 4' East of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.13
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		8" Brown organic TOPSOIL and SILT, some fine to medium sand, trace grass and roots at surface.	0.0	HRC-33-B (0-1) 1130	
1						28" Brown to gray to black FILL and fine to coarse SAND, (brick, glass, ash (rusty), coal, slag, concrete) some fine gravel, , moist at bottom.		HRC-33-B (1-3) 1135	
2									No Monitoring Well Installed
3									
						4" Dark brown organic PEAT.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-C
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 4' south of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.97
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28		S-1		4" Organic TOPSOIL and SILT, some fine sand.		HRC-33-C (0-1) 1350	
						18" Mixed fine to coarse SAND, (some fine gravel) and FILL (ash, slag, coal, cinders, glass, concrete, and metal debris).	0.0	HRC-33-C (1-3) 1355 HRC-33-D7 (1-3) (DUP) 1400	No Monitoring Well Installed
1									
2									
3						6" Loose fine to coarse SAND, some fine gravel, traces of ash, wet.			
4						End of Boring @ 4 feet (terminated)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-D
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 4' West of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.17
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		6" Organic TOPSOIL and brown SILT, some fine to medium sand, grass at surface.		HRC-33-D (0-1) 1115	
						30" Brown to black fine to coarse SAND, some fine gravel and fill (bricks, coal, glass, ash, slag, cinders, trace, concrete).	0.0	HRC-33-D (1-3) 1120	No Monitoring Well Installed
1									
2									
3									
4						2" Tan to rusty ASH, some fine gravel, trace concrete.			
						End of Boring @ 4 feet (terminated)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-E
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 8' North of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.33
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		8" Brown organic TOPSOIL, SILT and fine SAND, grass at surface.	0.2	HRC-33-E (0-1) 1255	
1						26" FILL and fine to coarse SAND (ash, coal, slag, cinders, glass, concrete, and brick), trace fine gravel .		HRC-33-E (1-3) 1300	
2									No Monitoring Well Installed
3									
						4" Brown fine to coarse SAND, wet.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-F
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 8' East of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.14
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		6" Brown organic TOPSOIL, SILT and fine SAND, trace fine gravel, grass at surface.		HRC-33-F (0-1) 1220	
						18" Black to tan FILL (glass, coal, slag, cinders, ash, trace concrete), some fine to coarse sand, trace fine gravel.	0.0	HRC-33-F (1-3) 1225	
1									
2									No Monitoring Well Installed
						14" Brown to tan fine to coarse SAND, trace silt and fine gravel, moist (perched on peat below).			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-G
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 7 feet south of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.70
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28		S-1		8" Brown fine to medium SAND, some silt, topsoil and grass.		HRC-33-G (0-1) 1350	
1						18" FILL (bricks, slag, coal, ash and concrete) and fine to coarse SAND, .	0.0		
2								HRC-33-G (1-3) 1355	No Monitoring Well Installed
3									
						2" Tan fine to coarse SAND, wet.			
4						End of Boring @ 4 feet (terminated)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-H
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/09
LOCATION NBHS - 8' West of HRC-33
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) 4 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.12
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34		S-1		6" Organic TOPSOIL and fine SAND, some silt, grass at surface.		HRC-33-H (0-1) 1050	
1						16" Black to brown fine to coarse SAND, some fine gravel and fill (coal, brick, glass, slag, trace ash).	0.1		
2								HRC-33-H (1-3) 1055	No Monitoring Well Installed
						4" Tan fine to coarse SAND.			
3						4" Gray fine to coarse SAND.			
						4" Tan ASH, moist, bottom rusty coloration.			
4						End of Boring @ 4 feet (terminated)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-I
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/09
LOCATION NBHS - 4' North of HRC-33E
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 86.28
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/16		S-1		0-10" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.	0.0	HRC-33I (1-3) 1200	No monitoring well installed
1									
2						10-12" Pulverized GRAVEL.			
						12-16" Dark-brown SILT and fine SAND, trace coal and possible ash, slightly moist, no odor, no staining.			
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-J
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/09
LOCATION NBHS - 4' East of HRC-33F
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 86.17
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/28		S-1		0-6" Dark-brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		HRC-33J (1-3) 1215	
1						6-28" Dark-brown SILT and fine SAND, trace fine-medium gravel, wood, glass and coal, fill (ash) at 26-28", slightly moist to moist, no odor, no staining.	0.0		No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER HRC-33-K
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/09
LOCATION NBHS - 8' East of HRC-33F
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for PCBs (Hold)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 86.26
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/26		S-1		0-6" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.		HRC-33K (1-3) 1230	
1						6-16" Dark-brown fine SAND, little silt, trace fine gravel, brick and glass, slightly moist, no odor, no staining.	0.0		No monitoring well installed
2						16-17" Pulverized GRAVEL 17-23" Dark-tan-brown to dark-brown SILT and fine SAND, slightly moist, no odor, no staining.			
3						23-26" FILL (ash and glass), slightly moist, no odor, no staining. End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRC-33L
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Along Parker Street / West end of bus yard
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 DT Track Rig
NOTES Samples analyzed for PAHs and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.14
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown SILT and fine SAND, trace roots, fine gravel and ash (from 6-8 inches), slightly moist, no odor, no staining.		HRC-33L(0-1) 1000	
1						6" Dark brown to black SILT and fine SAND, trace fine gravel and coal, slightly moist, no odor, no staining.			
						1" BRICK.			
						5" Dark gray fine SAND and GRAVEL, trace possible ash, moist, no odor, no staining.			
2						4" Dark tan-brown SILT and FILL (ash, trace coal), moist, no odor, no staining.	0.0	HRC-33L(1-3) 1005	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRC-33M
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Along Parker Street / Adjacent to bus yard
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 DT Track Rig
NOTES Samples analyzed for PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.36
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, trace slag and ash at 6 inches, slightly moist, no odor, no staining.			
						8" Dark brown to black SILT and fine SAND, little coal and slag, trace glass and fine gravel, slightly moist, no odor, no staining.		HRC-33M(0-1) 0950	
1						6" Dark brown SILT and fine SAND, trace medium to coarse sand and fine gravel, moist, no odor, no staining.			
						2" Dark brown SILT, moist, no odor, no staining.			
2						2" FILL (ash, little coal), moist, no odor, no staining.	0.0	HRC-33M(1-3) 0955	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRC-33N
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Steve Perry
DATE DRILLED 4/3/09
LOCATION NBHS - Along Parker Street / East end of bus yard
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/6620 DT Track Rig
NOTES Samples analyzed for PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.14
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/28		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.		HRC-33N(0-1) 0935	
1						14" Dark brown to black SILT and fine SAND, little fill (coal, slag, trace glass and possible ash), slightly moist, no odor, no staining.			
2						6" FILL (ash, little coal, trace slag and glass), moist, no odor, no staining.	0.0	HRC-33N(1-3) 0940	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRE-10
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Between A-block and eastern bus stop
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.25
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		4" Dark brown SILT and fine SAND, trace fine to medium gravel, dry, no odor, no staining.			
						10" Dark tan-brown fine SAND, little silt, trace medium to coarse sand, slightly moist, no odor, no staining.			
1									
						16" Light tan-brown fine SAND (thin darker laminations at 16 inches), slightly moist, no odor, no staining.			
2							0.0	HRE-10(1-3) 1630	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRE-29
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Middle of baseball field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.04
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		6" Dark gray STONE DUST (baseball infield), moist, no odor, no staining.			
						4" Dark brown fine SAND, little to some silt, slightly moist, no odor, no staining.			
1						6" Dark brown SILT, little fill (coal, slag, and glass, possible ash), moist, no odor, no staining.			
						26" Tan to tan-brown fine SAND, little medium to coarse sand, moist, no odor, no staining.			
2							0.0	HRE-29(1-3) 1020	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRF-30A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS-North of bus yard/southeast corner of baseball field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 87.45
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	36/30		S-1		12" Dark brown SILT and fine SAND, trace roots, grass and fine gravel, moist, no odor, no staining.			No Monitoring Well Installed
1						2" Pulverized GRAVEL.			
						11" Tan-brown fine SAND, little medium to coarse sand, trace fine gravel, moist, no odor, no staining.			
2						5" SILTY matrix with little to some fill (coal, slag, wood, trace glass and possible ash), trace fine to medium gravel, moist, no odor, no staining.	0.0	HRF-30A(1-3) 1030	
3						End of Boring - Terminated at 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRG-12A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20-25 feet East of HRG-12
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.26
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		8" Dark brown SILT and fine SAND, trace roots and gravel, slightly moist, no odor, no staining.		HRG-12A(0-1) 1535	
1						28" Tan to brown fine to medium SAND, little to some silt, slightly moist, no odor, no staining.			
2							0.0	HRG-12A(1-3) 1540	No Monitoring Well Installed
3						5" Gray-brown SILT and fine SAND, slightly moist, no odor, no staining.			
						1" FILL (ash), slightly moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRG-14A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/1/09
LOCATION NBHS - Approximately 20 feet West of HRG-14
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.30
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		6" Dark brown SILT and fine SAND, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
1						32" Tan to brown fine SAND, little silt, trace fine to coarse sand, slightly moist, no no staining.		HRG-14A(0-1) 1550	
2							0.0	HRG-14A(1-3) 1555	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRG-17
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Northwest portion of band practice field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.82
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, As, Cr, Cd, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		12" Dark Brown SILT and fine SAND, trace roots and fine to medium gravel, slightly moist, no odor, no staining.			
1						18" Tan-brown fine SAND, trace to little silt and medium sand, trace metal and fine gravel, slightly moist, no odor, no staining.			
2							0.0	HRG-17(1-3) 1200 Plus MS/Dup	No Monitoring Well Installed
3						6" Dark brown SILT, little fill (coal, brick, possible ash), trace fine gravel, slightly moist to moist, no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRG-25
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Northwest portion of field hockey field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 88.39
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	36/30		S-1		12" Dark brown SILT and fine SAND, trace roots, grass, and fine gravel, moist, no odor, no staining.	0.0	HRG-25(1-3) 1100	No Monitoring Well Installed
1						6" Tan-brown fine SAND, little medium to coarse sand, trace fine gravel, moist, no odor, no staining.			
2						12" Dark brown SILT matrix with FILL (coal, little ash, trace glass, slag and rusty coloration), trace fine to medium gravel, moist, no odor, no staining.			
3						End of Boring - Terminated at 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRG-27
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Mid-West portion of field hockey field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 88.37
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	36/36		S-1		10" Dark brown SILT and fine SAND, trace roots, grass, and fine gravel, moist, no odor, no staining.			
1						5" Dark brown SILT, little fill (coal and glass), moist, no odor, no staining.			
2						15" Tan-brown fine SAND, little medium to coarse sand, trace fine gravel, moist, no odor, no staining.	0.0	HRG-27(1-3) 1050	No Monitoring Well Installed
3						3" Dark brown SILT, little fill (coal and glass), moist, no odor, no staining.			
						3" Gray-brown fine to coarse SAND, trace fine gravel, moist, no odor, no staining.			
						End of Boring - Terminated at 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRG-29
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Southwest portion of field hockey field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 87.70
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	36/36		S-1		12" Dark brown SILT and fine SAND, trace roots, grass and fine gravel, trace fill (coal and glass at 8-12 inches), slightly moist to moist, no odor, no staining.			
1						16" Tan-brown fine SAND, little medium to coarse sand, trace fine gravel, moist, no odor, no staining.			No Monitoring Well Installed
2							0.0	HRG-29(1-3) 1040 HRG-129(1-3) 1140	
						8" FILL (silty matrix with coal, brick, ash, and fine to medium gravel), moist, no odor, no staining.			
3						End of Boring - Terminated at 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRI-17
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Mid-North portion of band practice field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.11
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						14" Tab-brown fine SAND, little silt, trace medium to coarse sand and fine gravel, no odor, no staining.			
2						18" FILL (ash, little coal, trace slag, brick and glass), moist, no odor, no staining.	0.0	HRI-17(1-3) 1145	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRK-21
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - North of tennis courts
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 2 (perched)
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.94
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/24		S-1		8" Dark brown SILT and fine SAND, trace roots, grass and fine gravel, moist, no odor, no staining.			
1						16" FILL (ash, trace coal, slag and brick), orange-brown coloration below 20 inches, wet (perched), no odor, no staining.			
2							0.0	HRK-21(1-3) 1245	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRK-33A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/2/09
LOCATION NBHS - Approximately 10-15 feet Northwest of HRK-33
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.34
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/26		S-1		8" Dark brown SILT and fine SAND, trace roots and fine gravel, moist (rain), no odor, no staining.		HRK-33A(0-1) HOLD 1445	
1						14" FILL (ash, little coal, trace brick and glass, some silty matrix), slightly moist, no odor, no staining			
2						4" Dark brown SILT and fine to medium SAND, trace roots and fine gravel, moist, no odor, no staining	0.0	HRK-33A(1-3) 1450	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRM-23
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Off northeast corner of northern tennis courts
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.36
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		7" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
1						11" Dark brown to black SILT and fine SAND, trace to little fill (coal and possible ash), slightly moist, no odor, no staining.			
2						12" FILL (ash, trace coal, glass and slag), moist, no odor, no staining.	0.0	HRM-23(1-3) 1300	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRN-26
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - Edge of trees east of tennis courts
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.67
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/28		S-1		6" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.			
						6" Black SILT, little fill (wood, coal, and glass), moist, no odor, no staining.			
1						16" FILL (ash, trace coal, glass, slag and metal, cinders from 22-24 inches), moist, no odor, no staining.			
2							0.0	HRN-26(1-3) 1315	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER HRO-30
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS - East of Southern tennis courts
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.75
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/28		S-1		12" Dark brown SILT and fine SAND, trace roots, gravel and possible coal, moist, no odor, no staining.			
1						6" Tan-brown fine to medium SAND, trace fine to medium gravel, moist, no odor, no staining.			
2						10" FILL (ash and cinders with trace coal, slag, and glass), moist, no odor, no staining.	0.0	HRO-30(1-3) 1325	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER PG-2A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 4/7/09
LOCATION NBHS-Approx. 17 feet South of PG-2, just inside playground
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 83.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		36" Brown to tan fine to coarse SAND (wood chips at surface), trace fine gravel, damp to moist, no odor, no staining.	0.0	PG-2A(1-3) 1520	No Monitoring Well Installed
1									
2									
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-270A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 5' North of SB-270
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.22
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-8" Dark-brown fine-medium SAND, little silt, trace roots, damp, no odor, no staining.		SB-270A (0-1) 1135	
1						8-20" FILL (ash and coal)		SB-270A (1-3) 1140	
2						20-36" Brown to black fine-coarse SAND, trace silt and gravel (becoming finer with depth), moist, no odor, no staining.	0.0		No Monitoring well installed
3									
4						36-40" Tan medium-coarse GRAVEL, wet (perched)			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-270B
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 5' East of SB-270
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.95
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-5" Dark-brown organic TOPSOIL, little roots and grass, trace glass, damp, no odor, no staining.		SB-270B (0-1) 1110	
1						5-30" FILL (ash, coal, trace rubber and glass), damp, no odor, no staining.		SB-270B (1-3) 1115	
2							0.0		No Monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-270D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 5' West of SB-270
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.99
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-5" Dark-brown organic TOPSOIL with pulverized gravel, trace glass, damp, no odor, no staining.		SB-270D (0-1) 1100	
1						5-30" Gray to brown fine-medium SAND and SILT with FILL (ash, wood and coal), no odor, no staining.		SB-270D (1-3) 1105	
2							0.0		No Monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-270E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' North of SB-270
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.46
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28		S-1		0-8" Brown fine-medium SAND and SILT, trace roots and mulch at surface, little fine-medium gravel, dry, no odor, no staining.		SB-270E (0-1) 1150	
1						8-28" FILL (ash, coal, slag and trace metal), damp, no odor, no staining.		SB-270E (1-3) 1155	
2							0.0		No Monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-270F
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' East of SB-270
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.83
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-8" Dark-brown to black fine-medium SAND, little silt and fine gravel, trace roots, damp, no odor, no staining.		SB-270F (0-1) 1120	
1						8-36" FILL (sand and silt matrix with ash, glass and coal), damp, no odor, no staining.		SB-270F (1-3) 1125	
2							0.0		No Monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-270H
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' West of SB-270
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.68
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-6" Dark-brown organic TOPSOIL, trace ash, fine gravel, grass and roots, damp, no odor, no staining.		SB-270H (0-1) 1040	
1						6-32" Dark brown fine SAND and SILT with FILL (ash, coal, rubber, porcelain and trace wood), trace to little fine-medium gravel, moist to wet (perched), no odor, no staining.		SB-270H (1-3) 1045	
2							0.0		No Monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' North of SB-270E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.61
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28"		S-1		0-8" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, moist, no odor, no staining.	0.0		
1						8-16" Dark-gray fine-medium SAND, some coarse sand, little silt. moist, no odor, no staining.			
2								SB-270I (1-3) 1245	No monitoring well installed
3						16-28" FILL (fine sand and silt matrix with ash, glass and coal), moist, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270J
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 5' East of SB-270F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.07
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-4" Dark-brown organic TOPSOIL/SILT, trace grass and roots, moist, no odor, no staining.	0.0		
						4-6" Tan fine-medium SAND.			
1						6-26" Dark-brown to black fine-medium SAND, some silt, little fine-medium gravel, trace glass and coal, moist, no odor, no staining.			
2								SB-270J (1-3) 1235	No monitoring well installed
3									
						26-30" Brown to gray fine SAND and SILT, little to some clay, moist to wet, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270K
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' North of SB-270E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.77
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-6" Dark-brown organic TOPSOIL/SILT, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1						6-12" Dark-gray to brown fine-medium SAND, some coarse sand, little silt, moist, no odor, no staining.			
2						12-30" FILL (fine-medium sand matrix with ash, metal, coal and trace glass), moist, no odor, little iron staining.		SB-270K (1-3) 1240	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270L
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 6-16-09
LOCATION NBHS - 10' East of SB-270F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.05
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24"		S-1		0-4" Dark-brown organic TOPSOIL/SILT, trace grass and roots, moist, no odor, no staining.	0.0		
						4-5" Pulverized GRAVEL.			
1						5-21" Dark-brown to black fine-medium SAND and FILL (coal, ash and glass).			
2								SB-270L (1-3) 1230	No monitoring well installed
3									
						21-24" Pulverized GRAVEL.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270M
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 5' North of SB-270K
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.82
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24"		S-1		0-13" Brown organic TOPSOIL.	0.0		
1									
2								SB-270M (1-3) 1150	No monitoring well installed
						13-16" Gray to brown fine-medium SAND, trace glass.			
						16-20" FILL (coal, white ash and glass with rust banding).			
3									
						20-24" Tan fine-medium SAND and some gravel.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270Q
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 6' North of SB-270M
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.90
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/21"		S-1		0-6" Brown organic TOPSOIL with some tree roots.	0.0		
1						6-11" Brown to dark-gray fine-medium SAND and some glass fragments.			
2						11-21" FILL (coal ash, coal fragments, brick, glass and white ash), rusty banding, bottom 3-inches are wet.		SB-270Q (1-3) 1205	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-270U
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' North of SB-270Q
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.08
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/26"		S-1		0-12" Brown organic TOPSOIL with some fine-medium sand.	0.0		
1									
2						12-22" FILL (coal, glass and white ash).		SB-270U (1-3) 1215	No monitoring well installed
3									
						22-24" Tan fine-coarse SAND and PEBBLES, moist.			
						24-26" Dark-brown fine-medium SAND and trace glass fragments.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308A
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' North of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.20
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/39		S-1		0-4" ASPHALT	0.0		No monitoring well installed
1						4-16" Brown to tan fine-coarse SAND with fine-coarse GRAVEL, damp, no odor, no staining.			
2						16-34" Gray to brown fine-medium SAND and SILT with GRAVEL, moist, no odor, no staining.			
3								SB-308A (3-4) 1015	
4						34-39' FILL (Brick and wood), wet (perched), no odor, no staining.			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308B
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' East of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs, call sample depths 3-ft and 4-ft due to core compaction

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.14
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		0-3" ASPHALT			
						3-24" Brown to tan fine-coarse SAND and GRAVEL (less gravel with depth), little silt, damp, no odor, no staining.			
1									
2							0.0		No monitoring well installed
						24-27" Weathered ASPHALT			
3						27-36" Gray to black fine SAND and SILT, little fine-medium gravel, damp, no odor, no staining.		SB-308B (3) 1045	
						36-38" FILL (slag, coal and trace glass), wet (perched).			
4						End of Boring @ 4 feet		SB-308B (4) 1050	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308C
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' South of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 9
GROUND ELEVATION (Feet, NAVD 88) 86.09
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-4" ASPHALT			
1						4-24" Brown fine-medium SAND, some coarse sand and fine-medium gravel, trace silt and brick @ 24", damp, no odor, no staining.			
2							0.0		
						24-36" Black weathered ASPHALT (with asphalt emulsion), slight asphalt odor (0.0 ppm).		SB-308C (3) 0955	
3									
4		60/38		S-2		0-3" Black to gray fine-medium GRAVEL, little fine-medium gray sand, moist to wet, no odor, no staining.			
						3-26" Dark-brown PEAT.			No monitoring well installed
5								SB308C (5) 1000	
6									
							NA		
7									
						26-38" Gray fine-medium SAND, little to some silt, trace clay, wet, no door, no staining.			
8									
9						End of Boring @ 9 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308D
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 5' West of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 8
GROUND ELEVATION (Feet, NAVD 88) 86.13
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32		S-1		0-3" Asphalt			
1						3-25" Light-brown to dark-brown fine-medium SAND and GRAVEL, some coarse sand, trace silt, dry to damp, no odor, no staining.			
2							0.0		
3								SB-308D (3) 1035	
						25-30" FILL (glass, ash and trace coal).			
						30-32" Weathered ASPHALT			
4		48/24		S-2		0-4" Dark-brown fine-coarse GRAVEL, little fine-coarse sand, trace fill material (ash, coal and glass), wet, slight asphalt odor.			No monitoring well installed
						4-24" Dark-brown PEAT.			
5								SB-308D (5) 1040	
6							0.0		
7									
8						End of Boring @ 8 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308E
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' North of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.25
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		0-4" ASPHALT			
1						4-26" Brown to tan fine-coarse SAND, some fine-medium gravel, little silt, damp, no odor, no staining.			
2							0.0		No monitoring well installed
3						26-34" Brown to black fine-coarse SAND with FILL (ash and slag), damp no odor, no staining.		SB-308E (3-4) 1345	
						34-38" Light brown fine-medium SAND, some silt, little glass, damp, no odor, no staining.			
4						End of Boring @ 4 feet (No asphalt layer observed @ ~3.5 feet)			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308F
TRC GEOLOGIST A. Weiss
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' East of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.20
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-5" Asphalt			
1						5-15" Brown fine-coarse SAND, some fine-coarse gravel, damp, no odor, no staining.			
2						15-36" FILL (coal, ash, some medium sand), damp, no odor, no staining.	0.0		No monitoring well installed
3								SB308-F (3-4) 1400	
4						End of Boring @ 4			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308G
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' South of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.01
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-5" ASPHALT			
1						5-17" Brown fine-coarse SAND, some fine-coarse gravel, trace silt, dry-damp, no odor, no staining.			
2						17-30" Black SILT and fine SAND with FILL (coal and slag), trace gravel, damp, no odor, no staining.	0.0		No monitoring well installed
3						30-33" Weathered ASPHALT		SB-308G (3) 1325	
						33-40" Black SILT and fine SAND, some fill (slag and coal), little fine-medium gravel, damp, no odor, no staining.			
4						End of Boring @ 4 feet		SB-308G (4) 1330	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308H
TRC GEOLOGIST A. Weiss
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/20/09
LOCATION NBHS - 10' West of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.16
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-4" ASPHALT			
1						4-16" Brown fine-coarse SAND and GRAVEL.			
2						16-36" Gray to black fine-coarse SAND and GRAVEL, trace fill (coal and ash), moist, no odor, no staining.	0.0		No monitoring well installed
3								SB-308H (3-4) 1415	
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-308I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 15' South of SB-308
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for PAHs (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 85.98
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-4" ASPHALT			
1						4-24" Dark-brown to brown fine-medium SAND, some coarse sand and fine-medium gravel, damp, no odor, no staining.			
2							0.0		No monitoring well installed
						24-34" Gray fine-coarse SAND with gravel, trace silt and brick, moist, no odor, no staining.			
3								SB-308I (3-4) 1020	
						34-40" Gray fine-coarse SAND, little silt, wet, no odor, no staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-359
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - East of tennis courts, near Liberty Street
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet, NAVD 88) 86.87
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		SB-359(0-1) 0955	No Monitoring Well Installed
1						6" Black SILT with trace fill materials (glass and coal), slightly moist, no odor, no staining.			
						6" Tan to brown fine SAND, little silt, slightly moist, no odor, no staining.			
2						14" FILL (ash, slag, coal, trace glass and wood debris), moist, no odor, no staining.	0.0	SB-359(1-3) 1000	
3									
4	NA	48/30		S-2		30" Dark brown organic PEAT/SILT, moist to wet, slight organic odor, no staining.		SB-359 (4) 1005	
5									
6							0.0		∇
7									
8	NA	48/24		S-3		12" Dark brown organic PEAT/SILT, wet, no odor, no staining.		SB-359(8) 1010	
9						6" Weathered gray possible SANDSTONE with dark brown SILT, moist, no odor, no staining.			
						6" Gray fine SAND, wet, no odor, no staining.			
10							0.0		
11									
12						End of Boring - Terminated at 12 feet (native)		SB-359(12) 1015 HOLD	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-360
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - Between Northern light pole and Liberty Street
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 8
GROUND ELEVATION (Feet, NAVD 88) 87.49
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		12" Dark brown organic TOPSOIL, trace roots, grass, and coal.		SB-360(0-1) 1050	
1						18" FILL material (silty matrix with ash, coal, slag, trace glass), slightly moist, no odor, no staining.			
2							0.0	SB-360(1-3) 1055 SB-360D(1-3) 1030	
3									
4	NA	48/40		S-2		10" FILL material (ash, coal, and slag), wet, no odor, no staining.			No Monitoring Well Installed
5						20" Dark brown organic PEAT/SILT, moist to wet, no odor, no staining.		SB-360(5) 1100	▽
6							0.0		
7						2" Gray fine SAND, wet, no odor, no staining.			
8						End of Boring - Terminated at 8 feet (No recovery form 8-12 feet (liner stuck in core barrel)		SB-360(8) 1110	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 4' North of SB-360
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet) 97.78
REFERENCE ELEVATION (Feet) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/28		S-1		0-8" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
1						8-28" FILL (ash, coal, trace slag and glass), moist, no odor, no staining.	0.0	SB-360A (1-3) 1340 Plus MS/DUP	No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 4' East of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/28		S-1		0-8" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
1						8-28" FILL (ash, coal, slag, trace glass and cinders), moist, no odor, no staining.	0.0	SB-360B (1-3) 1420	No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 4' South of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/27		S-1		0-9" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
1						9-27" FILL (ash, coal, slag and trace glass), moist, no odor, no staining.	0.0	SB-360C (1-3) 1325 SB-360CC(1-3) DUP 0900	No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 4' West of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/24		S-1		0-6" Dark-brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
1						6-24" FILL (ash, coal, trace slag, glass and brick), moist, no odor, no staining.	0.0	SB-360D (1-3) 1410	No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 8' North of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr (Hold)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/30		S-1		0-8" Dark-brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
1						8-30" FILL (ash, coal, trace slag and glass), moist, no odor, no staining.	0.0	SB-360E (1-3) 1350	
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 8' East of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr (Hold)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/30		S-1		0-10" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
1						10-30" FILL (ash, coal, slag and glass), moist, no odor, no staining.	0.0	SB-360F (1-3) 1430	No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 8' South of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr (Hold)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/26		S-1		0-13" Dark-brown organic SILT and fine SAND, trace roots, glass and fine gravel, slightly moist, no odor, no staining.	0.0	SB-360G (1-3) 1310	No monitoring well installed
1									
						13-26" FILL (ash, coal, slag and trace glass), moist, no odor, no staining.			
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER New Bedford/115058
BORING/WELL NUMBER SB-360H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/D. Regan
DATE DRILLED 3/24/2009
LOCATION NBHS - 8' West of SB-360
SAMPLING METHOD 36" Macrocore Continuous
DRILLING METHOD Direct Push AMS 9100 Track Rig
NOTES Sampled for Pb, Ba, and Cr (Hold)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 3
GROUND ELEVATION (Feet, NAVD 88) 97.78
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		36/24		S-1		0-8" Dark-brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
1						8-24" FILL (ash, coal, trace brick, glass, and slag), moist, no odor, no staining.	0.0	SB-360H (1-3) 1500	No monitoring well installed
2									
3						End of Boring @ 3 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-360I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 4' North of SB-360E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.39
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass, roots and coal, damp, no odor, no staining.			
1						8-36" FILL (ash, glass, coal and trace slag), damp, no odor, no staining.		SB-360I (1-3) 1120	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-360J
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 4' East of SB-360F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.36
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		0-6" Dark-brown organic TOPSOIL, little fine-coarse gravel, trace grass and roots, damp, no odor, no staining.			
1						6-38" FILL (ash, glass, coal and trace brick), moist to wet (perched), no odor, no staining.		SB-360J (1-3) 1145	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-360K
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 8' North of SB-360E
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.71
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30		S-1		0-10" Dark-brown organic TOPSOIL, trace grass, roots, fine gravel, coal and brick, damp, no odor, no staining.			
1								SB-360K (1-3) 1140	
						10-30" FILL (ash, brick, coal, fine gravel, trace porcelain), damp to moist, no odor, no staining.			
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-360L
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 8' East of SB-360F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.80
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass, roots, glass and coal, damp, no odor, no staining.			
1						8-38" FILL (ash, coal, glass and brick debris), moist, no odor, no staining.		SB-360L (1-3) 1155	
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360M
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' North of SB-360K
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.25
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/35"		S-1		0-20" Dark-brown organic TOPSOIL.	0.0		
1									
2								SB-360M (1-3) 0900 Plus MS/DUP	No monitoring well installed
						20-35" FILL material (white ash, coal fragments and glass, bottom 2" crushed brick and glass)			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360N
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' East of SB-360L
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.88
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/15"		S-1		0-10" Dark-brown organic TOPSOIL with crushed granite 4" from top.	0.0		
1									
2								SB-360N (1-3) 0945	No monitoring well installed
						10-15" FILL material (white ash, coal and trace porcelain at bottom).			
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360O
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of SB-360G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.36
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-8" Dark-brown organic TOPSOIL.	0.0		
1									
2						8-20" FILL (white ash, coal fragments, metal wire and coal slag), bottom 3-inches are wet.		SB-360O (1-3) 0910	No monitoring well installed
3									
4						End of Boring at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360Q
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' North of SB-360M
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.16
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/21"		S-1		0-10" Dark-brown fine organic TOPSOIL with trace glass.	0.0		
1									
2						10-15" Dark-brown fine TOPSOIL with some medium sand.		SB-360Q (1-3) 0850	No monitoring well installed
3						15-21" Brown fine-coarse SAND and FILL (glass, white ash, some coal and crushed brick at bottom).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360R
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' East of SB-360N
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.99
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/15"		S-1		0-10" Dark-brown organic TOPSOIL with trace glass.	0.0		
1									
2								SB-360R (1-3) 0940	No monitoring well installed
						10-11" Gray GRANITE.			
3						11-15" FILL (white ash and coal), rust staining.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360S
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of SB-360O
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 3 Perched
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.37
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-8" Dark-brown organic TOPSOIL.	0.0		
1									
2						8-20" FILL (ash, slate fragments, coal slag and some glass), bottom 6" are wet.		SB-360S (1-3) 0920	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360U
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' North of SB-360Q
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.19
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/34"		S-1		0-24" Dark-brown organic TOPSOIL.	0.0		
1									
2								SB-360U (1-3) 0840	No monitoring well installed
3						24-34" FILL (white ash, glass, coal and some slag, crushed brick at bottom).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360V
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' East of SB-360R
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 3.5 Perched
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.03
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/24"		S-1		0-10" Dark-brown organic TOPSOIL.	0.0		
1									
2						10-24" FILL (white ash, coal, glass and slate fragments), wet at bottom 2-inches.		SB-360V (1-3) 0930	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SB-360W
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of SB-360S
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.37
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/20"		S-1		0-14" Dark-brown organic TOPSOIL.	0.0		
1									
2								SB-360W (1-3) 0925	No monitoring well installed
3						14-20" FILL (white ash, coal, some coal slag and trace glass).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360X
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 10' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total and TCLP Pb (Hold TCLP analysis).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.28
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36"		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, dry to damp, no odor, no staining.	0.0		
1						8-36" FILL (ash, coal, glass, brick, slag and trace metal), damp, no odor, no staining.			
2								SB-360X (1-3) 0915 Plus MS/DUP SB-360XD (1-3) DUP 0815	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360Y
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 20' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.45
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-8" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1									
						8-30" FILL (ash, coal, glass and fine-medium gravel), damp to moist, no odor, no staining.			
2								SB-360Y (1-3) 0935	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360Z
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 30' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.50
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/31"		S-1		0-10" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1									
						10-31" FILL (ash, coal, glass and metal fragments), damp, no odor, no staining.			
2								SB-360Z (1-3) 0950	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360AA
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 40' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.62
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/28"		S-1		0-8" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1						8-28" FILL (ash, coal and glass), little fine- medium sand with gravel, damp, no odor, no staining.		SB-360AA (1-3) 0955	No monitoring well installed
2									
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360BB
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 50' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.95
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/30"		S-1		0-8" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel, damp, no odor, no staining.	0.0		
1						8-30" FILL (fine sand and silt matrix with little ash, coal and trace glass), pulverized gravel from 28-30-in.			
2								SB-360BB (1-3) 1015	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360CC
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 60' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.01
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/32"		S-1		0-8" Dark-brown organic TOPSOIL, trace grass, roots and fine gravel.	0.0		
1						8-32" FILL (silty sand matrix with glass, ash, coal and trace metal), damp, no odor, no staining.			
2								SB-360CC (1-3) 1030	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360DD
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 70' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.26
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-10" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots.	0.0		
1						10-40" FILL (coal, ash, glass, plastic, brick and trace metal), concentrations of fill increases with depth, damp, no odor, no staining.			
2								SB-360DD (1-3) 1045	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360EE
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 80' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40"		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots.	0.0		
1						8-40" FILL (silty sand matrix with brick, ash, coal, glass and trace porcelain), damp, no odor, no staining.			
2								SB-360EE (1-3) 1105	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford - 115058
BORING/WELL NUMBER SB-360FF
TRC GEOLOGIST Kevin Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 8/19/09
LOCATION NBHS - 90' North of SB-360U
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push - 5400 Truck Rig
NOTES Sampled for Total & TCLP lead analysis (Hold All).

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.79
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/38"		S-1		0-6" Brown organic TOPSOIL, trace grass, roots and trace fine gravel.	0.0		
1						6-28" Tan to brown fine-medium SAND and GRAVEL, little silt, damp, no odor, no staining.			
2								SB-360FF (1-3) 1115	No monitoring well installed
3						28-38" FILL (ash, cinders and coal).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-361
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - East Side of A-Block, South of bus stop
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6.5
TOTAL DEPTH (Feet) 10
GROUND ELEVATION (Feet, NAVD 88) 89.92
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		6" Dark brown organic TOPSOIL, trace grass and roots.			
						4" Dark gray-brown fine SAND, trace fine gravel, slightly moist, no odor, no staining.		SB-361(0-1) 1540	
1						32" Light gray fine SAND, little silt, trace medium to coarse sand and fine gravel, slightly moist, no odor, no staining.			
2							0.0	SB-361(1-3) 1545	
3									
4	NA	48/36		S-2		36" Tan to gray-brown fine SAND, little silt, trace medium to coarse sand, pulverized gravel at 26-28", moist to wet, no odor, no staining.			No Monitoring Well Installed
5									
6							0.0	SB-361(6.5) 1550	▽
7									
8	NA	24/18		S-3		18" Dark orange brown fine to medium SAND, little to some pulverized gravel, trace silt, wet, no odor, no staining.			
9							0.0		
10						End of Boring - Terminated at 10 feet.		SB-361(10) 1555 HOLD	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-362
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - Grassy area East of Eastern NBHS bus stop
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 5
TOTAL DEPTH (Feet) 6.5
GROUND ELEVATION (Feet, NAVD 88) 89.33
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		16" dark brown organic TOPSOIL, 1-inch layer of pulverized gravel at 8-9", trace roots and grass, slightly moist, no odor, no staining.		SB-362(0-1) 1200	
1						4" Pulverized GRAVEL.			
						10" FILL material (ash, coal, and slag), slightly moist, no odor, no staining.	0.0	SB-362(1-3) 1205 Plus MS/MSD	
2									
3									No Monitoring Well Installed
4	NA	30/24		S-2		16" FILL material (ash, coal, slag, trace glass), moist to wet, no odor, no staining.			
5								SB-362(5) 1210	∇
						8" Dark brown to black organic PEAT, moist, no odor, no staining.	0.0		
6									
						End of Boring - Refusal at 6.5 feet (2 attempts)		SB-362(6.5) 1215	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-363
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - East of Northeastern NBHS parking lot
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 10
GROUND ELEVATION (Feet, NAVD 88) 92.61
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		8" Dark brown organic TOPSOIL, trace grass, roots, and glass, slightly moist, no odor, no staining.			
1						30" Tan-orange-brown fine SAND, little silt, trace roots and pulverized gravel, moist, no odor, no staining (grain size increases with depth).		SB-363(0-1) 1335	
2							0.0	SB-363(1-3) 1340	
3									
4	NA	48/40		S-2		40" Tan to gray-brown fine to medium SAND, trace silt, coarse sand and fine to medium gravel, wet, no odor, no staining.			
5								SB-363(5) 1345	No Monitoring Well Installed
6							0.0		▽
7									
8	NA	24/0		S-3		No Recovery - Core barrel jammed, thus no soil availible for sampling. Material is orange-brown fine to medium SAND with no obvious signs of fill material.		SB-363(8) 1355 HOLD	
9									
10						End of Boring - Refusal at 10 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-364
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - Within northeast bus circle to NBHS
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 9.5
GROUND ELEVATION (Feet, NAVD 88) 90.19
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		SB-364(0-1) 1445	
1						18" Gray-tan-brown fine SAND, trace to little silt, loose, slightly moist, no odor, no staining.			
2							0.0	SB-364(1-3) 1450	
						6" FILL material (silty matrix with ash, slag, coal, trace glass), moist no odor, no staining.			
3									
4	NA	48/36		S-2		16" FILL material (ash, slag, coal, and brick debris), no odor, no staining.			
5									No Monitoring Well Installed
						8" Black organic PEAT/SILT, moist to wet, no odor, no staining.			
6							0.0	SB-364(6) 1455	
7									▽
8	NA	18/12		S-3		6" Black organic PEAT/SILT, wet, no odor, no staining.			
						6" Gray-brown fine SAND and fine to medium GRAVEL, wet, no odor, no staining.	0.0		
9									
						End of Boring - Refusal at 9.5 feet		SB-364(9.5) 1500	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SB-365
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/4/09
LOCATION NBHS - West of Boys Gym, South of main sidewalk
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, Metals, and PAHs

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 8
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet, NAVD 88) 88.84
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		12" Dark brown organic TOPSOIL, trace roots and grass.		SB-365(0-1) 1620	
1						23" Tan-brown with some gray-brown (from 14-19 inches) fine SAND, little silt and medium to coarse sand, trace pulverized gravel, slightly moist no odor, no staining.			
2							0.0	SB-365(1-3) 1625	
3						3" FILL material (dark brown silty matrix with ash and coal), slightly moist to moist, no odor, no staining.			
4	NA	48/24		S-2		20" FILL material (ash, layers of brick and glass, trace rubber, layer of pulverized gravel at 8-10 inches and 16-17 inches), moist, no odor, no staining.			
5									
6						4" Dark brown to black organic PEAT, moist, no odor, no staining.	0.0	SB-365(5-7) 1630 SB-365D(5-7) 1730	No Monitoring Well Installed
7									
8	NA	48/44		S-3		Dark brown organic PEAT/SILT, wet, no odor, no staining.			▽
9								SB-365(9) 1635	
10							0.0		
11						6" Grey fine SAND, little silt, wet, no odor, no staining.			
12						End of Boring - Terminated at 12 feet		SB-365(12) 1640 HOLD	

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/ 115058
BORING/WELL NUMBER SB-366
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/26/09
LOCATION NBHS - Mid point East of SS-32
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 7
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet, NAVD 88) 88.22
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/44		S-1		16" Dark brown fine to medium SAND, some silt, grass at surface.			
1								SB-366(1) 1335	
						10" Tan fine to medium uniform SAND.			
2						10" Tan to rusty colored FILL (slag, ash, coal and glass).	0.0	SB-366(1-3) 1340	
3						8" FILL (black cinders, ash, coal and glass).			
4	NA	48/30		S-2		6" FILL (black cinders, ash, coal, glass).		SB-366(4) 1345	
						4" Pulverized CONCRETE.			
5						6" Rusty fine to coarse SAND, trace fill material, wet.			
						14" Dark brown organic PEAT, moist.			
6							0.0		No Monitoring Well Installed
7								SB-366(7) 1350	▽
8	NA	48/40		S-3		20" Dark brown PEAT.			
9									
10						10" Brown (peat stained) SILT.	0.0	SB-366(10) 1355 HOLD	
						10" Gray fine to medium SAND, some silt.			
11									
12						End of Boring - Terminated at 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford/ 115058
BORING/WELL NUMBER SB-367
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/26/09
LOCATION NBHS - Approximately 120 feet Northwest of SS-32
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) 6
TOTAL DEPTH (Feet) 12
GROUND ELEVATION (Feet, NAVD 88) 89.10
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		16" Brown fine to medium SAND, some silt, trace fine gravel, grass at surface.			
1								SB-367(1) 1425	
						22" Tan fine to medium SAND, dense and gray at bottom.			
2							0.0	SB-367(1-3) 1430	
3						2" Pulverized red BRICKS.			
						2" FILL (slag, coal), some fine gravel.			
4	NA	48/36		S-2		4" Pulverized GRAVEL			
						26" FILL (ash, coal, slag, cinders, glass) wet at 6 feet (perched)			
5									
								SB-367(5-6) 1435	
6							0.0		No Monitoring Well Installed
7									
						6" Brown organic PEAT.			
8	NA	48/40		S-3		20" Organic PEAT, moist.			
								SB-367(8-9) 1440	
9									
10						10" Brown (peat stained) SILT, some clay, wet.	0.0		
						10" Gray fine to medium SAND and SILT, saturated.			
11									
								SB-367(11-12) 1445 HOLD	
12						End of Boring - Terminated at 12 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-24
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Front of Southern field hockey field goal
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs, and Metals (Cr, As, Ba, Cd, Pb)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.57
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		20" Dark brown SILT and fine SAND, trace roots, fine gravel, and coal, slightly moist, no odor, no staining.			
1									
						4" BRICK debris.			
2						12" FILL (silty matrix with ash, trace to little coal, slag, brick), moist, no odor, no staining.	0.0	SS-24(1-3)	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-27
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - East-Southeast portion of field hockey field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.55
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs, and Metals (Cr, As, Ba, Cd, Pb)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		12" Dark brown SILT and fine SAND, trace roots, fine gravel, and brick, slightly moist, no odor, no staining.			
1						6" Tan fine SAND, slightly moist, no odor, no staining.			
						2" Black SILT, trace coal, slightly moist, no odor, no staining.			
2						4" Dark tan-brown fine to medium SAND, slightly moist, no odor, no staining.	0.0	SS-27(1-3) 1005	No Monitoring Well Installed
						8" FILL (ash, coal, slag, glass), moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-31
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Near Northern field hockey goal
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.32
REFERENCE ELEVATION (Feet, NAVD 88) NA

NOTES Samples analyzed for PCBs, PAHs, and Metals (Cr, As, Ba, Cd, Pb), collected duplicate sample SS31D(1-3)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/39		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist, no odor, no staining.	0.0	SS-31(1-3) 1015 SS-31D(1-3) 1115	No Monitoring Well Installed
1						7" Tan- brown fine SAND, trace medium to coarse sand and fine gravel, slightly moist, no odor, no staining.			
2						22" FILL (ash, coal, slag, trace glass), moist, no odor, no staining.			
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-32
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Middle Western portion of field hockey field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PAHs and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.94
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		10" Dark brown SILT and fine SAND, trace roots and fine gravel, slightly moist no odor, no staining.			
1						8" Black SILT, trace coal and glass, slightly moist, no odor, no staining.			
2						22" Tan to brown fine SAND, trace medium to coarse sand, slightly moist no odor, no staining.	0.0	SS-32(1-3) 1040	No Monitoring Well Installed
3									
						2" Black SILT matrix with fine to medium gravel, trace possible asphalt debris, moist no odor, no staining.			
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-A
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/26/2009
LOCATION NBHS - 8' North of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.98
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		12" Brown fine to medium SAND, some silt.	0.0	SS-32-A (0-1) 1515	No Monitoring Well Installed
1						6" Dark-brown to gray fine to medium sand, some fine gravel.		SS-32-A (1-3) 1520	
2						18" Tan fine to medium SAND, trace silt.			
3						4" Blackish-gray fine to medium SAND, trace FILL (silt, ash, coal, and slag).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-B
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/2009
LOCATION NBHS - 4' East of SS
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.89
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		14" Brown fine to medium SAND, some silt, topsoil and grass at surface, gravel at base.	0.0	SS-32-B (0-1) 0855 SS-32-D6 (0-1) DUP 0800	
1									
						18" Tan fine to medium SAND.			
2								SS-32-B (1-3) 0900	No Monitoring Well Installed
3									
						8" Black to brown fine FILL (ash coal, slag, some cinders), some fine to coarse sand).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-C
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/2009
LOCATION NBHS - 4' South of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.89
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42		S-1		18" Brown fine to medium SAND, some silt, trace fine gravel, some slate pieces at ~1.2'.	0.0	SS-32-C (0-1) 0820	
1								SS-32-C (1-3) 0825	
2						16" Tan fine to medium SAND.			No Monitoring Well Installed
3						8" Dark-brown fine to coarse SAND and SILT, trace gravel, trace ash, coal and slag at bottom (start of fill unit).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-D
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/2009
LOCATION NBHS - 8' West of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.95
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/46		S-1		16" Brown fine to coarse SAND, some silt, grass at surface.	0.0	SS-32-D (0-1) 0915 Plus MS/DUP	
1									
						4" Organic PEAT, with traces of rusty areas.			
						24" Tan fine to medium SAND.			
2								SS-32-D (1-3) 0920	No Monitoring Well Installed
3									
4						2" Black FILL (coal, slag and ash), trace fine to medium sand.			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-E
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/26/2009
LOCATION NBHS - 8' North of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.07
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/44		S-1		20" Dark-brown fine to medium SAND, some silt, trace fine gravel and brick.	0.0	SS-32-E (0-1) 1505	No Monitoring Well Installed
1								SS-32-E (1-3) 1510	
2						14" Tan fine to medium SAND, trace silt.			
3						2" Pulverized GRAVEL.			
						8" Black to gray fine to coarse SAND, trace silt, some traces of slag.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-F
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/2009
LOCATION NBHS - 8' East of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.83
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42		S-1		16" Brown fine to medium SAND, trace fine gravel, some silt, top has grass, trace glass and slag at 14".	0.0	SS-32-F (0-1) 0835	
1								SS-32-F (1-3) 0840	
						14" Tan fine to medium SAND.			No Monitoring Well Installed
2									
3						12" Black to brown fine to coarse SAND, some silt, trace fine gravel, glass, coal and slag, ash at bottom.			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-G
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/2009
LOCATION NBHS - 8' South of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.85
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42		S-1		18" Brown fine to coarse SAND, some silt, topsoil and grass, trace fine gravel and coal.	0.0	SS-32-G (0-1) 0805	
1								SS-32-G (1-3) 0810	
2						18" Tan fine to medium SAND.			No Monitoring Well Installed
3									
						6" Dark-brown to blackish fine SAND, some silt, trace fine gravel, bottom has pulverized concrete (likely start of fill).			
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER 115058/New Bedford High School
BORING/WELL NUMBER SS-32-H
TRC GEOLOGIST C. Foster
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 2/27/2009
LOCATION NBHS - 8' West of SS-32
SAMPLING METHOD 48" Macrocore Continuous
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for PCBs (HOLD)

SCREEN TYPE/SLOT N/A
FILTER PACK TYPE N/A
SEAL TYPE N/A
DEPTH TO WATER (Approximate Feet) N/A
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.01
REFERENCE ELEVATION (Feet, NAVD 88) N/A

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/42		S-1		12" Dark brown fine to medium SAND, trace silt, some topsoil and grass.	0.2	SS-32-H (0-1) 0935	
1						2" Tan fine to medium SAND, some silt.		SS-32-H (1-3) 0940	
						6" Brown fine to medium SAND, trace silt, some organic peat and coal.			
2						20" Tan fine to medium SAND, trace silt.			No Monitoring Well Installed
3									
4						2" Black fine to coarse SAND, trace slag and ash.			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-35
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Northwest corner of field hockey field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 89.56
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs and Metals (Pb, Cd, Cr, As, Ba)

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/44		S-1		20" Dark brown and dark tan-brown (below 15") fine SAND and SILT, trace roots and fine gravel, slightly moist, no odor, no staining.			
1									
2						24" Tan to brown fine SAND, trace medium to coarse sand, slightly moist to moist, no odor, no staining.	0.0	SS-35(1-3) 1030	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Southwest portion of band practice field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs and Metals (Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.79
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown SILT and fine SAND, trace roots, slightly moist, no odor, no staining.			
1						6" Tan-brown fine SAND, trace medium to coarse sand, slightly moist, no odor, no staining.			
2						22" FILL (ash, coal, slag, trace glass and rusty coloration in bottom 4"), moist to wet, no odor, no staining.	0.0	SS-36(1-3) 1125	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36A
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 4 feet North of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold for TCLP)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.81
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		10" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.		SS-36A(0-1) 1140	
1						2" Tan fine SAND, little silt, slightly moist, no odor, no staining.			
						24" FILL (ash, coal, slag, trace glass and brick), moist, no odor, no staining.			
2							0.0	SS-36A(1-3) 1145	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36B
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 4 feet East of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold for TCLP)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.77
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		5" Dark brown organic TOPSOIL, trace roots, grass and fine gravel, slightly moist, no odor, no staining.			
						7" Tan fine SAND, trace to little silt, trace medium to coarse sand, slightly moist, no odor, no staining.		SS-36B(0-1) 1055	
1						22" FILL (ash, coal, slag, glass, trace brick), moist, no odor, no staining.			
2							0.0	SS-36B(1-3) 1100 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36C
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 4 feet South of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold for TCLP)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.77
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		8" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						6" Tan fine SAND, little silt, trace medium sand, slightly moist, no odor, no staining.		SS-36C(0-1) 1130	
1						22" FILL (ash, coal, slag, trace glass and rusty coloration), moist, no odor, no staining.			
2							0.0	SS-36C(1-3) 1135	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36D
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 4 feet West of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold for TCLP)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.88
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/38		S-1		10" Dark brown organic TOPSOIL, trace grass, roots, and fine gravel.		SS-36D(0-1) 1035	
1						4" Tan fine SAND, trace silt and medium to coarse sand, slightly moist, no odor, no staining.			
						24" FILL (ash, coal, slag, glass), moist, no odor, no staining.			
2							0.0	SS-36D(1-3) 1040 SS136D(1-3) 0940	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36E
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 8 feet North of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold) and TCLP (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.89
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/34		S-1		6" Dark brown organic TOPSOIL, trace grass and roots, no odor, no staining.			
						2" Tan to brown fine SAND, little silt, slightly moist, no odor, no staining.		SS-36E(0-1) 1155	
1						26" FILL (ash, coal, slag, trace brick, glass and rusty coloration), moist, no odor, no staining.			
2							0.0	SS-36E(1-3) 1200	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36F
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 8 feet East of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold) and TCLP (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.84
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/32		S-1		6" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						4" Tan fine SAND, little silt, trace medium to coarse sand, slightly moist, no odor, no staining.		SS-36F(0-1) 1110	
1						22" FILL (ash, coal, slag, trace fine gravel and rusty coloration), moist, no odor, no staining.			
2							0.0	SS-36F(1-3) 1115	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36G
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 8 feet South of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold) and TCLP (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.73
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		4" Dark brown organic TOPSOIL, trace roots and grass, slightly moist, no odor, no staining.			
						2" Tan fine SAND, little silt, trace medium sand, slightly moist, no odor, no staining.		SS-36G(0-1) 1120	
1						24" FILL (ash, coal, slag, trace glass, shells, and rusty coloration), moist, no odor, no staining.			
2							0.0	SS-36G(1-3) 1125	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36H
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/9/09
LOCATION NBHS - Approx. 8 feet West of SS-36 location
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for Total Pb (Hold) and TCLP (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.93
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	24/24		S-1		10" Dark brown organic TOPSOIL, trace roots, grass, and fine gravel, slightly moist, no odor, no staining.		SS-36H(0-1) 1010	
1						3" Tan to brown fine SAND, little silt, slightly moist, no odor, no staining.	0.0		
						11" FILL (ash, coal, slag, trace glass), slightly moist to moist, no odor, no staining.			
2	NA	24/8		S-2		8" FILL (ash, coal, slag, trace glass), moist, no odor, no staining.		SS-36H(1-3) 1015	No Monitoring Well Installed
3							0.0		
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36I
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 4' West of SS-36H
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.89
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/37		S-1		0-8" Dark-brown organic TOPSOIL, trace fine gravel, roots and grass, dry to damp, no odor, no staining.			
1						8-12" Tan fine-medium SAND, trace fine-medium gravel, damp, no odor, no staining.		SS-36I (1-3) 1245	
						12-37" FILL (ash, coal, glass and trace brick), moist to wet (perched @3.5'), no odor, no staining.			
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36J
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 4' South of SS-36G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.96
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/39		S-1		0-6" Dark-brown organic TOPSOIL, trace fine gravel, roots and grass, damp, no odor, no staining.			
1						6-16" Tan fine-medium SAND, damp, no odor, no staining.		SS-36J (1-3) 1225	
2						16-39" FILL (glass, coal, ash, little slag and trace fine-medium gravel), damp, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36K
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 8' West of SS-36H
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.72
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/36		S-1		0-10" Dark-brown organic TOPSOIL, trace fine gravel, grass and roots, damp, no odor, no staining.			
1						10-12" Tan fine-medium SAND, damp, no odor, no staining.		SS-36K (1-3) 1235	
						12-36" FILL (ash, coal, trace glass and brick), wet @ 4' (perched), no odor, no staining.			
2							0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-36L
TRC GEOLOGIST K. Kitchin
DRILLING CONTRACTOR/FOREMAN New England Geotech/Hayes Rembijas
DATE DRILLED 5/21/09
LOCATION NBHS - 8' South of SS-36G
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push / 6600 Truck Rig
NOTES Sampled for total Pb (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.73
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/40		S-1		0-6" Dark-brown organic TOPSOIL, trace fine gravel. grass and roots, damp, no odor, no staining.			
1						6-16" Tan fine-medium SAND, damp, no odor, no staining.		SS-36L (1-3) 1205	
2						16-40" FILL (coal, glass, ash, trace brick and porcelain), damp, no odor, no staining.	0.0		No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SS-36N
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' East of SS-36F
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.76
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/25"		S-1		0-5" Dark-brown organic TOPSOIL.	0.0		
1						5-9" Tan medium SAND.			
						9-13" Dark-brown to black organic TOPSOIL material.			
2						13-25" FILL material (white ash, coal fragments and slag).		SS-36N (1-3) 1035 SS-136N (1-3) DUP 1135	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SS-36O
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of SS-36L
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.62
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/31"		S-1		0-6" Dark-brown organic TOPSOIL.	0.0		
1						6-16" Tan fine-medium SAND.			
2						16-17" Dark-brown organic TOPSOIL material.		SS-36O (1-3) 1040	No monitoring well installed
						17-31" FILL (white ash, coal fragments and trace glass).			
3									
4						End of Boring at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SS-36R
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' East of SS-36N
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.79
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/15"		S-1		0-4" Dark-brown organic TOPSOIL.	0.0		
1						4-8" Tan medium SAND.			
2						8-14" Dark-brown to black FILL (coal and ash).		SS-36R (1-3) 1025	No monitoring well installed
3									
4						14-15" FILL (ash and porcelain).			
						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SS-36S
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of SS-36O
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.60
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/29"		S-1		0-6" Dark-brown organic TOPSOIL material.	0.0		
1						6-14" Tan fine-medium SAND.			
2						14-15" Dark-brown organic TOPSOIL material.		SS-36S (1-3) 1045	No monitoring well installed
						15-29" FILL (white ash, coal fragments and some porcelain).			
3									
4						End of Boring at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SS-36V
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' East of SS-36R
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.71
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/23"		S-1		0-5" Dark-brown organic TOPSOIL.	0.0		
1						5-7" Tan medium SAND.			
						7-9" Dark-brown organic TOPSOIL.			
2						9-23" FILL (white ash, coal fragments, some glass and possible porcelain).		SS-36V (1-3) 1020	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford -115058
BORING/WELL NUMBER SS-36W
TRC GEOLOGIST E. Wachtel
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 7-6-09
LOCATION NBHS - 4' South of SS-36S
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push 5400 Truck Rig
NOTES Sampled for Pb only (Hold)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 86.59
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
		48/16"		S-1		0-4" Dark-brown organic TOPSOIL.	0.0		
1						4-8" Tan fine-medium SAND.			
2						8-16" FILL (coal ash, white ash and some glass, metal wire in tip), bottom 2" moist-wet.		SS-36W (1-3) 1055	No monitoring well installed
3									
4						End of Boring @ 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-38
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Mid-Eastern portion of band practice field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 87.18
REFERENCE ELEVATION (Feet, NAVD 88) NA
NOTES Samples analyzed for PCBs, PAHs and Metals (Pb, Cd, Cr, As, Ba). MS/DUP for PAHs and Metals only

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/30		S-1		8" Dark brown SILT and fine SAND, trace roots, slightly moist, no odor, no staining.			
1						22" FILL (ash, coal, trace to little slag, trace glass), moist, no odor, no staining.			
2							0.0	SS-38(1-3) 1155 Plus MS/Dup	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-39
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Middle West portion of band practice field
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.51
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/36		S-1		24" Tan-brown fine SAND, trace to little medium to coarse sand, slightly moist, no odor, staining.			
1									
2						12" FILL (silty matrix with coal, slag, trace glass), slightly moist, no odor, no staining.	0.0	SS-39(1-3) 1140	No Monitoring Well Installed
3									
4						End of Boring - Terminated at 4 feet			

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BORING/WELL CONSTRUCTION LOG

CLIENT/PROJECT NUMBER City of New Bedford (NBHS)/115058
BORING/WELL NUMBER SS-52
TRC GEOLOGIST J. Saunders
DRILLING CONTRACTOR/FOREMAN New England Geotech/Bill Meadows
DATE DRILLED 3/31/09
LOCATION NBHS - Off Northeast portion of A-block
SAMPLING METHOD 48" Macrocore
DRILLING METHOD Direct Push/5400 Truck Rig
NOTES Samples analyzed for PCBs, PAHs and Metals (Pb, Cd, Cr, As, Ba)

SCREEN TYPE/SLOT NA
FILTER PACK TYPE NA
SEAL TYPE NA
DEPTH TO WATER (Approximate Feet) NA
TOTAL DEPTH (Feet) 4
GROUND ELEVATION (Feet, NAVD 88) 88.60
REFERENCE ELEVATION (Feet, NAVD 88) NA

DEPTH (ft. BGL)	BLOW COUNTS	PEN/REC (INCHES)	CORE #	TRC ID	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	Field Testing (ppm)	SAMPLE ID/ TIME	WELL DIAGRAM
	NA	48/42		S-1		34" Dark brown changing to gray-brown with depth, fine SAND and SILT, trace fine gravel, glass, fibrous material at 6 inches and rusty coloration between 24 and 32 inches, slightly moist, no odor, no staining.	4.2	SS-52(1-3) 1620	No Monitoring Well Installed
1									
2									
3						8" Black SILT and fine SAND, trace to little coal and glass, trace fine gravel, very slightly waste-like/petroleum odor.			
4						End of Boring - Terminated at 4 feet			

GROUNDWATER SAMPLING LOGS

TRC

Low-flow Groundwater Sampling Data Record

Project: City of New Bedford | Project No.: | Date/Time: 8/19/08 | Sheet 1 of 1

TRC Personnel: E. Wachtel

Well Identification: MW-4

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present		X
Security Lock Present		X

Protective Casing Stick-up (from ground) _____ ft.

Riser Stick-up (from ground) _____ ft.

WELL DIAMETER: [X] 2 inch [ ] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Well Depth 11.4 ft. [X] top of riser [ ] top of casing

[X] measured [ ] historical

Water Depth 2.67 ft.

LNAPL/DNAPL Depth = None

Thickness = NA

LOW FLOW DATA

Depth of pump intake: ~7-8'

Static water level after pump put into well: 2.67

Initial purge Rate/ Water Level (100-400 ml/min): 500 ml/min

Adjusted purge Rates/time/WL (record changes): NA

Flow rate at time of sampling: 500 ml/min

PID SCREENING MEAS.

Background	NA
Well Mouth	NA

FIELD WATER QUALITY MEASUREMENTS (record at 3-5 minute intervals)

Time	922	928	935	940	945	948	951	954	957	1000
Temp. (C)	17.50	17.31	17.28	17.26	17.26	17.24	17.24	17.23	17.23	17.22
Conduct. (µmhos/cm)	0.275	0.272	0.270	0.269	0.269	0.268	0.268	0.267	0.269	0.269
DO (mg/l)	0.56	0.25	0.28	0.16	0.18	0.18	0.16	0.16	0.15	0.12
pH (Std. Units)	5.83	5.89	5.97	6.01	6.05	6.07	6.09	6.07	6.08	6.08
Eh (millivolts)	72.9	-124.6	-178.4	-219.9	-285.9	-311.9	-330.4	-280.1	-321.3	-309.5
Turb. (NTU)	13.7	6.94	2.32	1.01	1.00	0.77	0.81	0.80	0.67	0.68
Flow (ml/min)	500	500	500	500	500	500	500	500	500	500
Depth To Water (ft)	2.74	2.74	2.74	2.75	2.75	2.75	2.75	2.75	2.75	2.75

Time	1003	1006	1009	1012	1015
Temp. (C)	17.22	17.24	17.24	17.24	17.22
Conduct. (µmhos/cm)	0.269	0.269	0.269	0.269	0.268
DO (mg/l)	0.10	0.10	0.11	0.11	0.10
pH (Std. Units)	6.07	6.09	6.10	6.09	6.10
Eh (millivolts)	-298.9	-357.9	-360.9	-353.9	-362.4
Turb. (NTU)	0.75	0.70	0.68	0.74	0.72
Flow (ml/min)	500	500	500	500	500
Depth To Water (ft)	2.75	2.75	2.75	2.75	2.75

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment and Flow Rate:

Note: ORP is fluctuating between -290 and -360

Geo Pump w/ dedicated teflon tubing

Analytical Parameter	Filtered (Y/N)	Preservation	Volume	Time Collected	QC	Sample #
PAHs	N	NA	2 liters	1015	YES	MW-4
PCBs	N	NA	2 liters	↓	↓	↓
Total metals	N	Nitric	250 ml	↓	↓	↓
Dissolved Metals	Y	Nitric	250 ml	↓	MW-A	↓

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Signed: [signature]

Rev: 1 Feb 2007

TRC

Low-flow Groundwater Sampling Data Record

Project:	Project No.:	Date/Time:	Sheet 1 of 1
City of New Bedford	115058	8/19/08	

TRC Personnel: J. Saunders

Well Identification: MW-5

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact NA		
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from ground) NA ft.

Riser Stick-up (from ground) NA ft.

Well Depth 11.05 ft. [X] top of riser [ ] top of casing [X] measured [ ] historical

Water Depth 2.55 ft.

LNAPL/DNAPL Depth = ND

Thickness = NA

WELL DIAMETER: [ ] 2 inch [ ] 4 inch [ ] 6 inch [X] 1 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

LOW FLOW DATA

Depth of pump intake: ~9 feet

Static water level after pump put into well NA

Initial purge Rate/ Water Level (100-400 ml/min): 100 ml/min

Adjusted purge Rates/time/WL(record changes) 80 ml/min (slow as possible)

Flow rate at time of sampling: 80 ml/min

PID SCREENING MEAS.

Background	NA
Well Mouth	NA

FIELD WATER QUALITY MEASUREMENTS (record at 3-5 minute intervals)

Time	0915	0918	0921	0924		0927	0930		0933	0936
Temp. (C) ~~mS/cm~~	27.63	27.96	28.17	27.95	Note: Pumping as slow as possible w/ drawdown. Will sample w/o stabilization if it continues	27.60	27.47	Note: DO fluctuations b/t approx. 1.20 and 3.0 mg/L	27.35	27.33
Conduct. (~~µmhos/cm~~)	0.394	0.372	0.375	0.376		0.363	0.354		0.350	0.350
DO (mg/l)	3.21	3.00	2.49	2.60		3.27	1.22		1.29	1.31
pH (Std. Units)	6.46	6.63	6.72	6.77		6.77	6.75		6.73	6.71
Eh (millivolts) (ORP)	269.1	195.6	58.7	-22.1		-42.7	-54.8		-60.9	-62.7
Turb. (NTU)	380	348	380	360		350	300		290	285
Flow (ml/min)	100 ml/min	100	80	80		80	80		80	80
Depth To Water (ft)	2.98	3.06	3.50	3.90		4.05	4.05		4.01	4.05

Time	0939	0942
Temp. (C) ~~mS~~	27.37	27.39
Conduct. (~~µmhos/cm~~)	0.352	0.353
DO (mg/l)	1.38	1.44
pH (Std. Units)	6.68	6.68
Eh (millivolts) (ORP)	-66.2	-65.8
Turb. (NTU)	270	270
Flow (ml/min)	80	80
Depth To Water (ft)	4.10	4.16

Note: Well is stable w/ high turbidity. Will begin sampling b/c well has begun to drawdown again and don't want to bias sample w/ limited water

Pump Type

	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment and Flow Rate: GeoPump w/ Teflon tubing (SN: 09779)

Analytical Parameter	Filtered (Y/N)	Preservation	Volume	Time Collected	QC	Sample #
PCBs	N	—	1-L	0955	—	MW-5
PANS	N	—	1-L	0955	—	MW-5
MCP metals + Hg (Filtered & Unfiltered)	Y/N	HNO_3	250 ml (x2)	0955	—	MW-5

Signed: [signature]

TRC

Low-flow Groundwater Sampling Data Record

Project:	Project No.:	Date/Time:	Sheet 1 of 1
City of NB	115058	8/19/08	

TRC Personnel: J. Saunders

Well Identification: MW-6

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	☒	☐
Concrete Collar Intact	☒	☐
PVC Stick-up Intact NA	☐	☐
Well Cap Present NA	☐	☐
Security Lock Present	☐	☒

Protective Casing Stick-up (from ground) NA ft.

Riser Stick-up (from ground) NA ft.

WELL DIAMETER: ☐ 2 inch ☐ 4 inch ☐ 6 inch ☒ 1"

WELL MATERIAL: ☒ PVC ☐ SS ☐ ___

Well Depth 10.90 ft. ☒ top of riser ☐ top of casing ☐ ___ ☒ measured ☐ historical

Water Depth 2.25 ft. LNAPL/DNAPL Depth = ND Thickness = NA

LOW FLOW DATA

Depth of pump intake: ~8'

Static water level after pump put into well: 2.25'

Initial purge Rate/ Water Level (100-400 ml/min): 100 ml/min

Adjusted purge Rates/time/WL (record changes): 200 ml/min

Flow rate at time of sampling: 200 ml/min

PID SCREENING MEAS.

Background	NA
Well Mouth	NA

FIELD WATER QUALITY MEASUREMENTS (record at 3-5 minute intervals)

Time	1037	1040	1043	1046	1049	1052	1055	1058	1101	1103
Temp. (C)	22.43	21.47	21.22	21.11	21.04	20.97	20.94	20.92	20.88	20.88
Conduct. (~~µmhos~~ mS/cm)	0.362	0.353	0.352	0.351	0.350	0.349	0.348	0.348	0.347	0.346
DO (mg/l)	2.52	2.20	0.92	0.79	1.37	1.45	1.47	1.69	1.53	1.40
pH (Std. Units)	5.95	5.67	5.68	5.73	5.79	5.88	5.93	5.95	5.99	6.01
Eh (millivolts) (ORP)	-41.3	-41.9	-41.9	-40.6	-40.7	-40.8	-40.5	-40.2	-39.9	-39.7
Turb. (NTU)	81.4	65.8	76.9	38.1	24.0	11.2	9.45	7.22	6.59	6.50
Flow (ml/min)	200	200	200	200	200	200	200	200	200	200
Depth To Water (ft)	2.38	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Time	1106	1109	1112	1115	1118	1121	1124	1127	1130	
Temp. (C)	20.86	20.85	20.84	20.84	20.83	20.83	20.83	20.82	20.82	
Conduct. (µmhos/cm)	0.346	0.345	0.345	0.345	0.344	0.344	0.344	0.344	0.344	
DO (mg/l)	1.40	0.91	0.95	1.10	0.99	0.88	0.82	0.81	0.80	
pH (Std. Units)	6.03	6.07	6.08	6.09	6.12	6.12	6.14	6.14	6.15	
Eh (millivolts)	-39.5	-39.3	-39.3	-39.2	-38.4	-38.2	-37.8	-37.3	-37.3	
Turb. (NTU)	5.79	5.65	5.57	4.41	4.10	4.03	3.78	3.03	3.00	
Flow (ml/min)	200	200	200	200	200	200	200	200	200	
Depth To Water (ft)	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	

Pump Type	Purge	Sample
Peristaltic Pump	☒	☒
Submersible Pump	☐	☐
Bladder Pump	☐	☐
Other: ___	☐	☐

Description of Sampling Equipment and Flow Rate: GeoPump w/ Teflon Tubing (SN: 09779)
Note: rotten egg odor to purge water

Analytical Parameter	Filtered (Y/N)	Preservation	Volume	Time Collected	QC	Sample #
PAHs	N	—	1-L	1130	—	MW-6
PCBs	N	—	1-L	↓	—	MW-6
NCP metals + Hg (total & diss.)	Y/N	HNO_3	250ml (x2)		—	MW-6

Rev: 1 Feb 2007

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Signed: [signature]

MM

TRC

Groundwater Low-Flow Sampling Data Record

Project: City of New Bedford | Project No.: | Date/Time: 9/16/08 | Sheet 1 of 1

TRC Personnel: E. Wachtel

Well Identification: MW-7

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from ground) _____ ft.

Riser Stick-up (from ground) _____ ft.

WELL DIAMETER: [X] 2 inch [ ] 4 inch [ ] 6 inch [ ] ____

WELL MATERIAL: [X] PVC [ ] SS [ ] ____

Well Depth 16.05 ft.

Water Depth 10.02 ft.

Reference Point: [X] top of riser [ ] top of casing [ ] ____

[ ] historical [X] measured: [ ] notch [ ] north side [X] high pt [ ] pen mark

LOW FLOW DATA

Depth of pump intake: ≈13' bgs

Water level after pump put into well: _____

Initial purge Rate/time/ Water Level (WL): _____

Adjusted purge Rates/time/WL(record all changes) _____

Flow rate at time of sampling (100 to 250 ml/min): 150 ml/min

PID SCREENING (ppmV)

Background	
Well Mouth	

(if required)

FIELD WATER QUALITY MEASUREMENTS Depth to NAPL _____ Thickness of NAPL _____

Time	1535	1545	1555	1610	1615	1627	1632	1637	1642	
Temp. (C)	18.94	18.61	18.73	19.16	18.55	19.16	18.90	18.06		
Conduct. (µmhos/cm))	0.735	0.729	0.732	0.736	0.734	0.732	0.735	0.739		
DO (mg/l)	2.03	0.59	0.56	0.63	0.47	0.49	0.43	0.39		
pH (Std. Units)	6.17	6.00	6.04	6.11	6.09	6.11	6.10	6.10		
Eh (millivolts)	92.4	103.9	92.1	78.5	81.7	83.4	82.4	82.9		
Turb. (NTU)	4.9	4.2	7.6	3.2	1.7	1.7	—	2.1		
Flow (ml/min)	150	150	150	150	150	150	150	150		
Depth To Water (ft)	10.65	11.53	12.03	11.85	12.07	12.02	12.03	12.44		
Time										
Temp. (C)										
Conduct. (µmhos/cm)										
DO (mg/l)										
pH (Std. Units)										
Eh (millivolts)										
Turb. (NTU)										
Flow (ml/min)										
Depth To Water (ft)										

* Note: turned of GeoPump at 1555 because of signif. drawdown and at 1615

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other: ____		

Description of Sampling Equipment (Model and S/N):

Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID & QC
~~VOC's 8260B~~	~~N~~	~~HCL pH<2~~	~~x 40 ml VOA Vials~~		
PCBs	N		1-L	1700	MW-7
PAHs	N		1-L	1700	MW-7
MCP Metals + Hg (filtered + unfiltered)	Y/N	HNO_3	250mL (x2)	1700	MW-7

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Signed: _____

Rev: 0 Sept. 2004

TRC

Groundwater Low-Flow Sampling Data Record

Project: City of New Bedford | Project No.: | Date/Time: 9/16/08 | Sheet 1 of 1

TRC Personnel: E. Wachtel

Well Identification: MW-8B

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present		X
Security Lock Present		X

Protective Casing Stick-up (from ground): N/A ft.

Riser Stick-up (from ground): N/A ft.

WELL DIAMETER: [X] 1 inch [ ] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Well Depth: 5.14 ft.

Water Depth: 12.49 ft.

Reference Point: [ ] historical [X] measured: [ ] top of riser [ ] top of casing [ ] notch [ ] north side [X] high pt [ ] pen mark

LOW FLOW DATA

Depth of pump intake: ≈

Water level after pump put into well:

Initial purge Rate/time/ Water Level (WL):

Adjusted purge Rates/time/WL(record all changes)

Flow rate at time of sampling (100 to 250 ml/min):

PID SCREENING (ppmV)

Background	
Well Mouth	

(if required)

FIELD WATER QUALITY MEASUREMENTS Depth to NAPL ____ Thickness of NAPL ____

Time	1337	1347	1357	1400	1405	1410	1413	1426	1429	1432
Temp. (C)	18.16	18.06	18.13	18.46	18.43	18.42	18.37	18.27	18.23	18.22
Conduct. (µmhos/cm))	0.675	0.565	0.551	0.549	0.550	0.555	0.556	0.562	0.561	0.561
DO (mg/l)	0.92	0.50	0.39	0.40	0.40	0.37	0.37	0.37	0.36	0.36
pH (Std. Units)	5.78	5.75	5.78	5.80	5.82	5.83	5.86	5.85	5.85	5.86
Eh (millivolts)	1.5	10.5	16.7	14.8	14.5	10.6	8.0	8.2	7.5	8.2
Turb. (NTU)	11.8	12.0	13.4	14.1	11.0	10.11	—	6.86	5.9	5.4
Flow (ml/min)	150	150	150	150	150	150	150	150	150	150
Depth To Water (ft)	6.04	6.06	5.79	5.69	5.69	5.66	5.57	5.60	5.60	5.60
Time	1435									
Temp. (C)										
Conduct. (µmhos/cm)										
DO (mg/l)										
pH (Std. Units)										
Eh (millivolts)										
Turb. (NTU)										
Flow (ml/min)										
Depth To Water (ft)										

* Note: Flow rat stayed the same but well star to recharg fast at 1357

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment (Model and S/N):

Analytical Parameter	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID & QC
~~VOC's 8260B~~	N	HCL pH < 2	x 40 ml VOA Vials		
PCBs	N		1-Liter	1450	MW-8B
PAHs	N		1-Liter	↓	MW-8B
MCP Metals + Hg (filtered + unfiltered)	Y/N	HNO_3	250mL (x2)		MW-8B

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Signed: Emilie J. Wachtel

Rev: 0 Sept. 2004

TRC

Low-flow Groundwater Sampling Data Record

Project: City of New Bedford	Project No.: 115058	Date/Time: 4/23/09 0905	Sheet 1 of 1

TRC Personnel: J. Saunders

Well Identification: MW-HRC-33

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	NA	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up (from ground) NA ft.

Riser Stick-up (from ground) NA ft.

WELL DIAMETER: [X] 2 inch [ ] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ] ___

Well Depth 13.25 ft. [X] top of riser [ ] top of casing [ ] ___ [X] measured [ ] historical

Water Depth 3.95 ft. LNAPL/DNAPL Depth = NM Thickness = NA

LOW FLOW DATA

Depth of pump intake: ~9'

Static water level after pump put into well: 3.85'

Initial purge Rate/ Water Level (100-400 ml/min): 200 ml/min

Adjusted purge Rates/time/WL(record changes): NA

Flow rate at time of sampling: 200 ml/min

PID SCREENING MEAS.

Background	NA
Well Mouth	NA

FIELD WATER QUALITY MEASUREMENTS (record at 3-5 minute intervals)

Time	0912	0915	0920	0925	0930	0935	0940	0945	0950	0955
Temp. (C)	Start pump	9.17	9.14	9.12	9.09	9.07	9.12	9.14	9.17	9.27
Conduct. (~~µmhos/cm~~ mS/cm)		1.081	1.077	1.074	1.073	1.074	1.074	1.073	1.074	1.074
DO (mg/l)		4.19	3.75	3.92	4.16	4.59	5.00	5.41	5.61	5.61
pH (Std. Units)		8.05	7.37	7.24	7.18	7.14	7.13	7.11	7.10	7.08
Eh (millivolts)		101.8	87.9	96.4	100.8	93.8	90.0	89.2	86.5	84.4
Turb. (NTU)		13.9	11.4	8.66	6.37	4.97	4.29	4.16	3.04	2.99
Flow (ml/min)		200	200	200	200	200	200	200	200	200
Depth To Water (ft)	3.85	4.21	4.34	4.37	4.38	4.42	4.45	4.40	4.38	4.35

Time	1000	1005
Temp. (C)	9.25	9.30
Conduct. (µmhos/cm)	1.073	1.073
DO (mg/l)	5.68	5.71
pH (Std. Units)	7.08	7.07
Eh (millivolts)	85.7	86.1
Turb. (NTU)	2.90	2.81
Flow (ml/min)	200	200
Depth To Water (ft)	4.35	4.35

JS 4/23/09

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other: ___		

Description of Sampling Equipment and Flow Rate:
Geo Pump w/ dedicated tubing
YSI 600XL & LaMotte 2020
Field Filter metals w/ 0.45µm filter

Analytical Parameter	Filtered (Y/N)	Preservation	Volume	Time Collected	Sample #	Case #
PCBs (8082)	N	NA	1-L Amber	1030	MW-HRC-33	NA (plus MS/MSD)
MCP Metals + Hg (U/F)	N/Y	Nitric	250ml Poly	1030	↓	↓
PAHs (8270C)	N	NA	1-L Amber (x2)	1030	↓	↓
Collect duplicate for PCBs only called MW-HRC-33D at 1100						

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Signed: [signature]

Rev: 1 Feb 2007

TRC

Low-flow Groundwater Sampling Data Record

Project: City of New Bedford	Project No.: 115058	Date/Time: 4/23/09 1100	Sheet 1 of 1

TRC Personnel: J. Sandoz

Well Identification: MW-HH-13

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	NA	
Well Cap Present	X	
Security Lock Present		X

PID SCREENING MEAS.

Background	NA
Well Mouth	NA

Protective Casing Stick-up (from ground) NA ft.

Riser Stick-up (from ground) NA ft.

WELL DIAMETER: [X] 2 inch [ ] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Well Depth 13.42 ft. [X] top of riser [ ] top of casing [ ]

[X] measured [ ] historical

Water Depth 4.00 ft.

LNAPL/DNAPL Depth = NM

Thickness = NA

LOW FLOW DATA

Depth of pump intake: ~~3.98~~ 9'

Static water level after pump put into well 3.98'

Initial purge Rate/ Water Level (100-400 ml/min): 400 ml/min

Adjusted purge Rates/time/WL(record changes) NA

Flow rate at time of sampling: 400 ml/min

FIELD WATER QUALITY MEASUREMENTS (record at 3-5 minute intervals)

Time	1104	1106	1121	1126	1131	1136	1141	1146	1151	1156
Temp. (C)		9.91	9.02	8.81	8.56	8.48	8.49	8.47	8.43	8.48
Conduct. (µmhos/cm)	Start Pump	4.312	0.504	0.612	0.646	0.664	0.674	0.688	0.688	0.684
DO (mg/l)		3.44	0.56	0.36	0.28	0.24	0.22	0.22	0.19	0.19
pH (Std. Units)		7.38	6.71	6.69	6.69	6.71	6.73	6.71	6.70	6.72
Eh (millivolts)		73.7	-22.1	-53.0	-62.2	-68.4	-72.5	-76.4	-78.4	-81.2
Turb. (NTU)		41.4	16.2	10.1	4.63	3.75	2.86	2.74	2.69	2.71
Flow (ml/min)	400	400	400	400	400	400	400	400	400	400
Depth To Water (ft)	3.98	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05
Time										
Temp. (C)										
Conduct. (µmhos/cm)										
DO (mg/l)										
pH (Std. Units)										
Eh (millivolts)										
Turb. (NTU)										
Flow (ml/min)										
Depth To Water (ft)										

JS 4/23/09

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment and Flow Rate:

Geo Pump w/ dedicated tubing.
YSI 600 XL w/ LaMotte 2020
Metals Field Filtered w/ 0.45 µm filter

Analytical Parameter	Filtered (Y/N)	Preservation	Volume	Time Collected	Sample #	Case #
PCBs (8082)	N	—	1-L Amber	1230	MW-HH-13	NA
MCP Metals + Hg (U/F)	Y/N	Nitric	250 ml poly	↓	↓	↓ 2 (plus MS/Dupl.)
PAHs (8270C)	N	—	1-L (x2)			
Dibenzofuran	N	—	1-L (x2)			
Collect duplicate called MW-HH-13D at 1300						

K:\geosci\fieldforms\lowflowrecord.ppt

Signed: Jeff [illegible]

Rev: 1 Feb 2007

APPENDIX C

SAMPLE RESULTS FROM LABORATORY REPORTS (ATTACHED ON DISK)

APPENDIX D

IMMINENT HAZARD EVALUATION
HB-23 Location

IMMINENT HAZARD EVALUATION
HB-23 SURFACE SOIL
NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

Due to the potential Imminent Hazard (IH) condition that was triggered at the Site on March 19, 2009 for the detection of polychlorinated biphenyls (PCBs) in surface soil (0 to 1 foot in depth) at the HB-23 area of the New Bedford High School (NBHS) campus, an IH evaluation has been performed. The potential IH condition was discovered during additional investigation to delineate the extent of elevated levels of PCBs in soil within the tree belts on the NBHS campus and to determine the extent of potential soil removal necessary to achieve a condition of no significant risk for the top three feet of soil within these areas. The HB-23 sampling location had been identified as one of three areas requiring further delineation sampling within the tree belt areas.

The protocol for the delineation sampling called for the collection of five soil samples (0 to 1 foot and 1 to 3 feet in depth) centered at the HB-23 location (designated "A") and within 10 feet of the HB-23A sampling location to the north, east, south and west (designated "B" through "E"). The protocol further called for the collection of five additional "outer ring" samples 20 feet from the original HB-23A sampling location (designated "F" through "J"). "Outer ring" samples were also collected from the 0 to 1 and 1 to 3 feet intervals. All samples were collected on March 10, 2009 and the "A" through "E" samples were authorized for PCB analysis. The "F" through "J" samples were held at the laboratory, pending the results of the "A" through "E" sample analysis.

Total PCB concentrations were below the Method 1 S-1/GW-2 and S-1/GW-3 standards (2 mg/kg) at three of the five initial surface soil locations (HB-23B through HB-23D). However, at locations HB-23A and HB-23E, concentrations of 45.9 mg/kg and 13.5 mg/kg were detected in the 0 to 1 foot interval, respectively. Due to the detection of PCBs at levels greater than 10 mg/kg within the top 12 inches of soil at the HB-23A and HB-23E locations, the potential IH condition was reported and the "G" through "I" samples were immediately authorized for analysis to determine the extent of the elevated surficial PCBs. HB-23G was authorized primarily to determine the extent of PCBs in the 1 to 3 foot interval, while HB-23H and HB-23I, which flanked HB-23A and HB-23E, were authorized to determine the extent of surficial PCBs.

The total PCB results for HB-23G through HB-23I were reported by the laboratory on March 20, 2009. The total PCB concentration in the HB-23G 0 to 1 foot sample was less than the Method 1 S-1 standard of 2 mg/kg, while total PCBs in HB-23H and HB-23I slightly exceeded the Method 1 S-1 standard (2.53 mg.kg and 4.7 mg/kg, respectively). These results confirmed that the extent of the surficial PCB contamination that triggered an IH conditions had been delineated.

Subsequent to the PCB sampling, 0 to 1 foot samples HB-23B, HB-23C, HB-23G, HB-23H and HB-23I, located at the perimeter of the delineated PCB area, were authorized for analysis for arsenic, barium, cadmium, chromium and lead to confirm that the five metals of historical concern in this general area were also within acceptable levels for the top foot of soil. All

sample results were below applicable Method 1 S-1 standards except for the chromium result at HB-23I of 36.7 mg/kg which slightly exceeded its Method 1 standard of 30 mg/kg. Sample-specific results for the HB-23 0 to 1 foot samples are presented in Table 1.

This IH evaluation reflects surface soil sampling conducted to date for the HB-23 area. The surface soil sample results are summarized in Table 2. Arsenic and cadmium were not considered further because their maximum detected concentrations were less than their Massachusetts Department of Environmental Protection (MassDEP) background concentrations for natural soil. Arithmetic mean concentrations were used as exposure point concentrations (EPCs) for barium, chromium and lead. However, because the maximum detected PCB concentration (45.9 mg/kg) is greater than the 10 mg/kg potential IH threshold, averaging of the 0 to 1 foot total PCB concentrations from the HB-23 area is not appropriate. Therefore, the maximum detected concentration or a 95 percent upper confidence limit (95% UCL) on the arithmetic mean concentration may be used as the EPC to determine whether an IH condition exists at the site. However, due to the variability in the data set, the calculated 95% UCL was greater than the maximum detected concentration. Therefore, the maximum detected concentration was used as the EPC for total PCBs.

The area of concern is located in front of the NBHS building, on a tree belt along Hathaway Boulevard. This area is only accessed by pedestrians walking through the neighborhood or by children on their way to and from school. The area is sparsely vegetated and periodically maintained by mowing. For the purposes of this IH evaluation, exposures are assumed to occur over 24 weeks, during the spring and fall when the ground is not frozen and school is in session. During this 24-week period, exposures are assumed to occur 5 days per week for 1 hour per day. These values are conservative because their use assumes that: (1) a child always contacts this small area when passing by the school; (2) children go to this area even during inclement weather; and (3) children remain at this location for 1 hour per day which is unlikely to occur due to small size and lack of attractive potential of this area.

To estimate exposures, a young child (age 1 to 6) was selected for evaluation because this age group may be present at this location, accompanying parents or older siblings on their way to and from school or through the neighborhood. Incidental ingestion of and dermal contact with impacted soils are assumed to occur while the young child plays at this location. The inhalation of fugitive dust generated while the child plays at this location is also considered a complete exposure pathway. Older children may also exposed to the HB-23 surface soils, but a young child is evaluated as the most sensitive receptor due to their higher soil intake rate, lower body weight, and sensitive developmental stage.

Exposure assumptions applicable to the young child are provided on the risk calculation spreadsheets (Tables 3 through 6). Exposure assumptions selected for use are consistent with those used by MassDEP in the park visitor IH shortform, adjusted to be applicable to the 24-week exposure period of concern. For the fugitive dust pathway, methods and assumptions consistent with the MassDEP Technical Update "Characterization of Risks Due to Inhalation of Particulates by Construction Workers" (July 2008) were used including a PM_{10} of 60 ug/m^3. Inhalation rates used are age-specific values provided by MassDEP in the 1995 risk assessment guidance document.

The hazard index (HI) of 10 meets the MCP noncarcinogenic IH limit of 10. However, the excess lifetime cancer risk (ELCR) of 2E-05 exceeds the MCP carcinogenic IH limit of 1E-05. The IH is identified at the HB-23 area of the NBHS campus primarily due to the ingestion of and dermal contact with PCB-containing surface soil.

On March 28, 2009, soil in the vicinity of HB-23 was excavated. The limits of the excavation were defined by HB-23B, HB-23C, HB-23G, HB-23H, and HB-23I. Soil up to the excavation limits was removed to a depth of three feet below ground surface, including soil at the HB-23A, HB-23D and HB-23E locations. Table 7 presents summary statistics for soil that remains at the HB-23 area following the March 28, 2009 excavation. Risk calculations for these remaining concentrations are presented in Tables 8 through 11 and demonstrate that the IH condition no longer exists at the HB-23 area of the NBHS campus. The HI of 2 and the ELCR of 2E-06 are below the MCP noncarcinogenic and carcinogenic IH limits of 10 and 1E-05, respectively.

Table 1. Summary of Analytical Results for HB-23 Soil Samples - 0 to 1'
NBHS
New Bedford, Massachusetts

Analysis	Analyte						Sample Location:	HB-23A	HB-23B	HB-23C	HB-23D	HB-23E	HB-23G	HB-23H	HB-23I
							Sample Depth (ft.):	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
							Sample Date:	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA								
PCBs															
	Aroclor 1254	2	2	3	3	2	1	**45.9 ***	**0.786 ***	**1.41 ***	**1.50 ***	**13.5 ***	**0.943 ***	**2.53 ***	**4.70 ***
	Total PCBs	2	2	3	3	2	1	**45.9**	**0.786**	**1.41**	**1.50**	**13.5**	**0.943**	**2.53**	**4.70**
Metals															
	Arsenic	20	20	20	20	20	N/A	NA	**3.11**	3.10 U	NA	NA	2.90 U	**3.42**	**7.29**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**58.1**	**53.2**	NA	NA	**55.1**	**343**	**311**
	Cadmium	2	2	30	30	2	N/A	NA	**0.37**	0.31 U	NA	NA	0.29 U	**0.61**	**1.03**
	Chromium	30	30	200	200	30	N/A	NA	**8.95**	**8.13**	NA	NA	**15.4**	**26.9**	**36.7**
	Lead	300	300	300	300	300	N/A	NA	**48.5**	**42.9**	NA	NA	**88.4**	**220**	**293**

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed Method 1 standards.

Values shown in Bold and shaded type exceed TSCA but are less than the listed Method 1 standards.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.

** - For reference purpose only.

Table 2. Summary Statistics for HB-23 Soil Samples - 0 to 1'
NBHS
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	# of Samples	# of Detects	Freq. of Detects	Min. of Detects (mg/kg)	Max. of Detects (mg/kg)	Location of Max. Detected	Min. of Non-Detects (mg/kg)	Max. of Non-Detects (mg/kg)	Mean Concentration (mg/kg)	EPC (mg/kg)	EPC Rationale
PCBs															
	Total PCBs	2	2	NS	8	8	100.0%	0.786	**45.9**	HB-23A	--	--	**8.9E+00**	**4.6E+01**	Maximum
Metals															
	Arsenic	20	20	20	5	3	60.0%	3.11	7.29	HB-23I	2.9	3.1	3.4E+00	NA	Below background
	Barium	1,000	1,000	50	5	5	100.0%	53.2	343	HB-23H	--	--	1.6E+02	1.6E+02	Mean
	Cadmium	2	2	2	5	3	60.0%	0.37	1.03	HB-23I	0.29	0.31	4.6E-01	NA	Below background
	Chromium	30	30	30	5	5	100.0%	8.13	**36.7**	HB-23I	--	--	1.9E+01	1.9E+01	Mean
	Lead	300	300	100	5	5	100.0%	42.9	293	HB-23I	--	--	1.4E+02	1.4E+02	Mean

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NA - Not available

SVOCs - Semi-volatile organic compounds

PCBs - Polychlorinated biphenyls

Background - Background Concentration for natural soil.

UCL - Upper confidence limit on the arithmetic mean concentration.

EPC - Exposure Point Concentration

Values shown in Bold and shaded type exceed background and one or more of the listed Method 1 standards.

Boxed maxima exceed natural soil background.

Table 3
Pedestrian - Child
Incidential Ingestion of Surface Soil
New Bedford High School - HB-23 area (0-1')
New Bedford, Massachusetts

Constituent		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
		Surface Soil Concentration (mg/kg)	RAF Ingestion Cancer (--)	LADD Cancer (mg/kg-d)	RAF Ingestion Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (- -)	Hazard Quotient (- -)
PCBs										
1336-36-3	Total PCBs	45.9	8.5E-01	4.6E-06	8.5E-01	2.6E-04	2.0E+00	5.0E-05	9E-06	5.2E+00
Metals										
7440-39-3	Barium	164	NC	NA	1.0E+00	1.1E-03	NA	7.0E-02	NA	1.6E-02
18540-29-9	Chromium	19.2	NC	NA	1.0E+00	1.3E-04	NA	2.0E-02	NA	6.4E-03
7439-92-1	Lead	138.6	NC	NA	5.0E-01	4.6E-04	NA	7.5E-04	NA	6.2E-01

	Cancer Risk	Hazard Index
TOTAL:	9E-06	6E+00

NA = Not Applicable
NC = No Criteria
Where:

LADDcancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APcancer]
ADDnon-cancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APnon-cancer]
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Unit Conversion (UC) =	1.0E-06	kg/mg
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Ingestion Rate (IR) =	100	mg/d [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [2] - 5 days/week for 18 weeks
Exposure Period (EP) - Noncancer =	0.345	years [2] - 18 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.345	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 4
Pedestrian - Child
Dermal Contact with Surface Soil
New Bedford High School - HB-23 area (0-1')
New Bedford, Massachusetts

		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
Constituent		Surface Soil Concentration (mg/kg)	RAF Dermal Cancer (--)	LADD Cancer (mg/kg-d)	RAF Dermal Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (--)	Hazard Quotient (--)
PCBs										
1336-36-3	Total PCBs	46	0.16	6.8E-06	0.16	2.9E-04	2.0E+00	5.0E-05	1E-05	5.7E+00
Metals										
7440-39-3	Barium	164	NC	NA	0.05	3.2E-04	NA	7.0E-02	NA	4.6E-03
18540-29-9	Chromium	19	NC	NA	0.09	6.7E-05	NA	2.0E-02	NA	3.4E-03
7439-92-1	Lead	139	NC	NA	0.006	3.2E-05	NA	7.5E-04	NA	4.3E-02

	Cancer Risk	Hazard Index
TOTAL:	1E-05	6E+00

NA = Not Applicable
NC = No Criteria

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Where:

LADDcancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APcancer)
ADDnon-cancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APnon-cancer)
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Unit Conversion (UC1) =	1E-06	kg/mg
Skin Surface Area (SA) - Noncancer =	1670	cm2/d [1] - (1-2 year old)
Skin Surface Area (SA) - Cancer =	2231	cm2/d [1] - (1-6 year old)
Soil Adherence Factor (SAF) =	0.35	mg/cm2 [1]
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [2] - 5 days/week for 18 weeks
Exposure Period (EP) - Noncancer =	0.345	years [2] - 18 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.345	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 5
Pedestrian - Young Child
Inhalation of Fugitive Dusts - Exposure Via the Lungs
New Bedford High School - HB-23 area (0-1')
New Bedford, Massachusetts

			Exposure Estimates		Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	$LADE_{Inh}$ Cancer (ug/m^3)	ADE_{Inh} Noncancer (ug/m^3)	Unit Risk Factor (Inh) $(ug/m^3)^{-1}$	Subchronic Noncancer Reference Conc. (Inh) (ug/m^3)	Cancer Risk (- -)	Hazard Quotient (- -)
PCBs								
1336-36-3	Total PCBs	46	2.0E-05	6.9E-04	1.0E-04	2.0E-02	2E-09	3.4E-02
Metals								
7440-39-3	Barium	164	7.3E-05	2.5E-03	NA	5.0E+00	NA	4.9E-04
18540-29-9	Chromium	19	8.5E-06	2.9E-04	1.2E-02	3.0E-01	1E-07	9.6E-04
7439-92-1	Lead	139	6.1E-05	2.1E-03	NA	1.0E+00	NA	2.1E-03

	Cancer Risk	Hazard Index
TOTAL:	1E-07	4E-02

NA = Not Applicable

Where:

LADEcancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW)) x (BW assumed/IR assumed)
ADEnon-cancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW) x (BW assumed/IR assumed)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Respirable Dust (PM_{10}) =	60	ug/m3 [4]
Relative Absorption Factor (RAF) =	1	unitless
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [5] - 5 days/week for 18 weeks
Exposure Duration (ED) =	4	hours/event [3]
Exposure Period (EP) - Noncancer =	126	days [5] - 18 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	126	days [5]
Inhalation Rate assumed (IR assumed) =	20	m3/day [2] - for adjustment of toxicity value
Body Weight (BW assumed) =	70	kg [2] - for adjustment of toxicity value
Unit Conversion (UC) =	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 6
Pedestrian - Young Child
Inhalation of Fugitive Dusts - Exposure Via the GI Tract
New Bedford High School - HB-23 area (0-1')
New Bedford, Massachusetts

			Exposure Estimates				Toxicity Values		Risk Estimates	
Constituent		Surface Soil Concentration (mg/kg)	RAF Cancer Ing (--)	$LADD_{GI-Inh}$ Cancer (mg/kg-day)	RAF Noncancer Ing (--)	ADD_{GI-Inh} Noncancer (mg/kg-day)	Cancer Slope Factor (Oral) $(mg/kg\text{-}day)^{-1}$	Subchronic Noncancer Reference Dose (Oral) (mg/kg-day)	Cancer Risk (- -)	Hazard Quotient (- -)
PCBs										
1336-36-3	Total PCBs	46	8.5E-01	1.48E-08	8.50E-01	5.02E-07	2.0E+00	5.0E-05	3E-08	1.0E-02
Metals										
7440-39-3	Barium	164	NC	NA	1.00E+00	2.11E-06	NA	7.0E-02	NA	3.0E-05
18540-29-9	Chromium	19	NC	NA	1.00E+00	2.47E-07	NA	2.0E-02	NA	1.2E-05
7439-92-1	Lead	139	NC	NA	5.00E-01	8.91E-07	NA	7.5E-04	NA	1.2E-03

NA = Not Applicable

	Cancer Risk	Hazard Index
TOTAL:	3E-08	1E-02

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Where:

LADDcancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW))
ADDEnon-cancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Respirable Dust (PM_{10}) =	60	ug/m3 [1]
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [5] - 5 days/week for 18 weeks
Exposure Duration (ED) =	4	hours/event [3]
Exposure Period (EP) - Noncancer =	126	days [5] - 18 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	126	days [5]
Unit Conversion (UC1)=	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 7. Summary Statistics of HB-23 Post-Excavation Soil Samples - 0 to 1'
NBHS
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	Background	# of Samples	# of Detects	Freq. of Detects	Min. of Detects (mg/kg)	Max. of Detects (mg/kg)	Location of Max. Detected	Min. of Non-Detects (mg/kg)	Max. of Non-Detects (mg/kg)	Mean Concentration (mg/kg)	EPC (mg/kg)	EPC Rationale
PCBs															
	Total PCBs	2	2	NS	5	5	100.0%	0.786	**4.7**	HB-23I	--	--	**2.1E+00**	**4.7E+00**	Maximum
Metals															
	Arsenic	20	20	20	5	3	60.0%	3.11	7.29	HB-23I	2.9	3.1	3.4E+00	NA	Below background
	Barium	1,000	1,000	50	5	5	100.0%	53.2	343	HB-23H	--	--	1.6E+02	1.6E+02	Mean
	Cadmium	2	2	2	5	3	60.0%	0.37	1.03	HB-23I	0.29	0.31	4.6E-01	NA	Below background
	Chromium	30	30	30	5	5	100.0%	8.13	**36.7**	HB-23I	--	--	1.9E+01	1.9E+01	Mean
	Lead	300	300	100	5	5	100.0%	42.9	293	HB-23I	--	--	1.4E+02	1.4E+02	Mean

Notes:
All units in mg/kg unless otherwise specified.
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Not available
SVOCs - Semi-volatile organic compounds
PCBs - Polychlorinated biphenyls
Background - Background Concentration for natural soil.
UCL - Upper confidence limit on the arithmetic mean concentration.
EPC - Exposure Point Concentration
Values shown in Bold and shaded type exceed background and one or more of the listed Method 1 standards.
Boxed maxima exceed natural soil background.

Table 8
Pedestrian - Child
Incidential Ingestion of Surface Soil
New Bedford High School - HB-23 post-excavation (0-1')
New Bedford, Massachusetts

Constituent		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
		Surface Soil Concentration (mg/kg)	RAF Ingestion Cancer (--)	LADD Cancer (mg/kg-d)	RAF Ingestion Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (- -)	Hazard Quotient (- -)
PCBs										
1336-36-3	Total PCBs	4.7	8.5E-01	4.8E-07	8.5E-01	2.7E-05	2.0E+00	5.0E-05	1E-06	5.3E-01
Metals										
7440-39-3	Barium	164	NC	NA	1.0E+00	1.1E-03	NA	7.0E-02	NA	1.6E-02
18540-29-9	Chromium	19.2	NC	NA	1.0E+00	1.3E-04	NA	2.0E-02	NA	6.4E-03
7439-92-1	Lead	138.6	NC	NA	5.0E-01	4.6E-04	NA	7.5E-04	NA	6.2E-01

	Cancer Risk	Hazard Index
TOTAL:	1E-06	1.2E+00

NA = Not Applicable
NC = No Criteria
Where:

LADDcancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APcancer]
ADDnon-cancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APnon-cancer]
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Unit Conversion (UC) =	1.0E-06	kg/mg
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Ingestion Rate (IR) =	100	mg/d [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [2] - 5 days/week for 18 weeks
Exposure Period (EP) - Noncancer =	0.345	years [2] - 18 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.345	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 9
Pedestrian - Child
Dermal Contact with Surface Soil
New Bedford High School - HB-23 post-excavation (0-1')
New Bedford, Massachusetts

		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
Constituent		Surface Soil Concentration (mg/kg)	RAF Dermal Cancer (--)	LADD Cancer (mg/kg-d)	RAF Dermal Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (--)	Hazard Quotient (--)
PCBs										
1336-36-3	Total PCBs	4.7	0.16	7.0E-07	0.16	2.9E-05	2.0E+00	5.0E-05	1E-06	5.9E-01
Metals										
7440-39-3	Barium	164	NC	NA	0.05	3.2E-04	NA	7.0E-02	NA	4.6E-03
18540-29-9	Chromium	19.2	NC	NA	0.09	6.7E-05	NA	2.0E-02	NA	3.4E-03
7439-92-1	Lead	138.6	NC	NA	0.006	3.2E-05	NA	7.5E-04	NA	4.3E-02

	Cancer Risk	Hazard Index
TOTAL:	1E-06	6.4E-01

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

NA = Not Applicable
NC = No Criteria

Where:

LADDcancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APcancer)
ADDnon-cancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APnon-cancer)
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Unit Conversion (UC1) =	1E-06	kg/mg
Skin Surface Area (SA) - Noncancer =	1670	cm2/d [1] - (1-2 year old)
Skin Surface Area (SA) - Cancer =	2231	cm2/d [1] - (1-6 year old)
Soil Adherence Factor (SAF) =	0.35	mg/cm2 [1]
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [2] - 5 days/week for 18 weeks
Exposure Period (EP) - Noncancer =	0.345	years [2] - 18 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.345	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 10
Pedestrian - Young Child
Inhalation of Fugitive Dusts - Exposure Via the Lungs
New Bedford High School - HB-23 post-excavation (0-1')
New Bedford, Massachusetts

			Exposure Estimates		Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	$LADE_{Inh}$ Cancer (ug/m^3)	ADE_{Inh} Noncancer (ug/m^3)	Unit Risk Factor (Inh) $(ug/m^3)^{-1}$	Subchronic Noncancer Reference Conc. (Inh) (ug/m^3)	Cancer Risk (- -)	Hazard Quotient (- -)
PCBs								
1336-36-3	Total PCBs	4.7	2.1E-06	7.1E-05	1.0E-04	2.0E-02	2E-10	3.5E-03
Metals								
7440-39-3	Barium	164	7.3E-05	2.5E-03	NA	5.0E+00	NA	4.9E-04
18540-29-9	Chromium	19.2	8.5E-06	2.9E-04	1.2E-02	3.0E-01	1E-07	9.6E-04
7439-92-1	Lead	138.6	6.1E-05	2.1E-03	NA	1.0E+00	NA	2.1E-03

	Cancer Risk	Hazard Index
TOTAL:	1E-07	7E-03

NA = Not Applicable

Where:

LADEcancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW)) x (BW assumed/IR assumed)
ADEnon-cancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW) x (BW assumed/IR assumed)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Respirable Dust (PM_{10}) =	60	ug/m3 [4]
Relative Absorption Factor (RAF) =	1	unitless
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [5] - 5 days/week for 18 weeks
Exposure Duration (ED) =	4	hours/event [3]
Exposure Period (EP) - Noncancer =	126	days [5] - 18 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	126	days [5]
Inhalation Rate assumed (IR assumed) =	20	m3/day [2] - for adjustment of toxicity value
Body Weight (BW assumed) =	70	kg [2] - for adjustment of toxicity value
Unit Conversion (UC) =	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 11
Pedestrian - Young Child
Inhalation of Fugitive Dusts - Exposure Via the GI Tract
New Bedford High School - HB-23 post-excavation (0-1')
New Bedford, Massachusetts

			Exposure Estimates				Toxicity Values		Risk Estimates	
Constituent		Surface Soil Concentration (mg/kg)	RAF Cancer Ing (--)	$LADD_{GI-Inh}$ Cancer (mg/kg-day)	RAF Noncancer Ing (--)	ADD_{GI-Inh} Noncancer (mg/kg-day)	Cancer Slope Factor (Oral) $(mg/kg\text{-}day)^{-1}$	Subchronic Noncancer Reference Dose (Oral) (mg/kg-day)	Cancer Risk (- -)	Hazard Quotient (- -)
PCBs										
1336-36-3	Total PCBs	4.7	8.5E-01	1.52E-09	8.50E-01	5.14E-08	2.0E+00	5.0E-05	3E-09	1.0E-03
Metals										
7440-39-3	Barium	164	NC	NA	1.00E+00	2.11E-06	NA	7.0E-02	NA	3.0E-05
18540-29-9	Chromium	19.2	NC	NA	1.00E+00	2.47E-07	NA	2.0E-02	NA	1.2E-05
7439-92-1	Lead	138.6	NC	NA	5.00E-01	8.91E-07	NA	7.5E-04	NA	1.2E-03

NA = Not Applicable

	Cancer Risk	Hazard Index
TOTAL:	3E-09	2E-03

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Where:

LADDcancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW))
ADDEnon-cancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Respirable Dust (PM_{10}) =	60	ug/m3 [1]
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.247	event/day [5] - 5 days/week for 18 weeks
Exposure Duration (ED) =	4	hours/event [3]
Exposure Period (EP) - Noncancer =	126	days [5] - 18 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	126	days [5]
Unit Conversion (UC1)=	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

APPENDIX E

IMMINENT HAZARD EVALUATION
HH-13 Location

IMMINENT HAZARD EVALUATION
HH-13 SURFACE SOIL
NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

Due to the potential Imminent Hazard (IH) condition that was triggered at the Site on April 2, 2009 for the detection of arsenic and chromium in surface soil (0 to 1 foot in depth) at the HH-13 area of the New Bedford High School (NBHS) campus, an IH evaluation has been performed. The potential IH condition was discovered during additional investigation to delineate the extent of elevated levels of polycylic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), arsenic, barium, cadmium, chromium and lead in soil surrounding the four academic wings (called House 1 through House 4) on the NBHS campus and to determine the extent of potential soil removal necessary to achieve a condition of no significant risk for the top three feet of soil within these areas. The HH-13 sampling location had been identified as one of three areas requiring further delineation sampling in the area surrounding the Houses.

The protocol for the delineation sampling called for the collection of four "inner ring" soil borings (0 to 1 foot and 1 to 3 feet in depth) within ten feet of the original HH-13 sampling location to the northwest, southwest, southeast, and northeast (designated "A" through "D"). The protocol further called for the collection of four additional "outer ring" borings twenty feet from the original HH-13 sampling location (designated "E" through "H"). "Outer ring" samples were also collected from the 0 to 1 and 1 to 3 feet intervals. All samples were collected on March 11, 2009 and the "A" through "D" samples were authorized for PAH, total PCBs, and selected metals analysis. The "E" through "H" samples were held at the laboratory, pending the results of the "A" through "D" sample analysis.

PAHs and total PCB concentrations were below the Method 1 S-1/GW-2 and S-1/GW-3 standards at all four 0 to 1 foot locations. Arsenic, barium, cadmium, chromium and lead concentrations were also below the applicable Method 1 soil standards at three of the four initial 0 to 1 foot locations (HH-13A, HH-13C and HH-13D). However, at location HH-13B (0 to 1 foot), concentrations of all five metals exceeded applicable Method 1 soil standards and arsenic and chromium were detected at concentrations equal to or exceeding the MCP Imminent Hazard Reporting Thresholds (Table 1). Due to the detection of arsenic and chromium at levels equal to or exceeding the MCP Imminent Hazard Reporting Thresholds at the HH-13B location, the potential IH condition was reported and the "E" through "H" samples were immediately authorized for selected metals analysis to determine the extent of the elevated surficial arsenic and chromium. Samples HH-13E, HH-13G and HH-13J were authorized primarily to determine the extent of metals in the 1 to 3 foot interval, while HH-13F, which flanked HH-13B, was authorized to determine the extent of surficial metals at the HH-13B location. In addition, four 0 to 1 foot soil samples were collected in close proximity to the HH-13B location for chromium speciation.

The metals results for HH-13E through HH-13H were reported by the laboratory on April 3, 2009. The concentrations of arsenic, barium, cadmium, chromium and lead in the HH-13E through HH-13H 0 to 1 foot samples were less than the Method 1 S-1 standards except for the

chromium result at location HH-13H (42.4 mg/kg) which slightly exceeded the Method 1 S-1 standard (30 mg/kg). These results confirmed that the extent of the surficial arsenic and chromium contamination that triggered an IH conditions had been delineated. Sample-specific results for the HH-13 0 to 1 foot samples are presented in Table 1.

This IH evaluation reflects surface soil sampling conducted to date for the HH-13 area. The surface soil sample results are summarized in Table 2. PAHs were not considered further because their maximum detected concentrations were less than their Massachusetts Department of Environmental Protection (MassDEP) background concentrations for natural soil. Arithmetic mean concentrations were used as exposure point concentrations (EPCs) for total PCBs, arsenic, barium and lead. However, because the maximum detected chromium concentration (1,960 mg/kg) is more than 10-fold greater than its Method 1 S-1 standard, averaging of the 0 to 1 foot chromium concentrations from the HH-13 area is not appropriate. Therefore, the maximum detected concentration or a 95 percent upper confidence limit (95% UCL) on the arithmetic mean concentration may be used as the EPC to determine whether an IH condition exists at the site. Due to the variability in the data set, the calculated 95% UCL was greater than the maximum detected concentration. Therefore, the maximum detected concentration was used as the EPC for chromium.

Chromium speciation data collected in close proximity to the HH-13B locations indicated that chromium (VI) was not present at concentrations above the analytical reporting limit in the samples (Table 3). Therefore, chromium has been evaluated as chromium (III). However, to conservatively evaluate the chromium data and the associated risk and hazard, chromium was also evaluated as chromium (VI).

The area of concern is located immediately to the north of House 2. This area may be accessed by students, staff and child and adult visitors at the high school. The area is vegetated and periodically maintained by mowing. For the purposes of this IH evaluation, exposures are assumed to occur over 24 weeks, during the spring and fall when the ground is not frozen and school is in session. During this 24-week period, exposures are assumed to occur 5 days per week for 1 hour per day. These values are conservative because their use assumes that: (1) a child always contacts this small area when at the school; (2) children go to this area even during inclement weather; and (3) children remain at this location for 1 hour per day which is unlikely to occur due to small size and lack of attractive potential of this area.

To estimate exposures, a young child (age 1 to 6) was selected for evaluation because this age group may be present at this location, accompanying parents or older siblings on their way to and from school. Incidental ingestion of and dermal contact with impacted soils are assumed to occur while the young child plays at this location. The inhalation of fugitive dust generated while the child plays at this location is also considered a complete exposure pathway, even though the area is vegetated. Older children may also exposed to the HH-13 surface soils, but a young child is evaluated as the most sensitive receptor due to their higher soil intake rate, lower body weight, and sensitive developmental stage.

Exposure assumptions applicable to the young child are provided on the risk calculation spreadsheets (Tables 4 through 11). Exposure assumptions selected for use are consistent with

those used by MassDEP in the park visitor IH shortform, adjusted to be applicable to the 24-week exposure period of concern. For the fugitive dust pathway, methods and assumptions consistent with the MassDEP Technical Update "Characterization of Risks Due to Inhalation of Particulates by Construction Workers" (July 2008) were used including a PM_{10} of 60 ug/m^3. Inhalation rates used are age-specific values provided by MassDEP in the 1995 risk assessment guidance document.

Tables 4 through 7 provide risk calculations assuming chromium is entirely present as chromium (III). The hazard index (HI) of 1 is less than the MCP noncarcinogenic IH limit of 10. The excess lifetime cancer risk (ELCR) of 3E-06 is less than the MCP carcinogenic IH limit of 1E-05. Tables 8 through 11 present risk calculations assuming chromium is entirely present as chromium (VI). The HI of 2 and the ELCR of 6E-06 are also less than the MCP noncarcinogenic and carcinogenic IH limits of 10 and 1E-05, respectively. Therefore, no IH condition exists at the HH-13 area of the NBHS campus.

Table 1. Summary of Analytical Results for Surface Soil Samples - HH-13 Area
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:		HH-13A	HH-13B	HH-13C	HH-13D	HH-13E	HH-13F	HH-13G	HH-13H
		Sample Depth (ft.):		0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
		Sample Date:		3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009
		S-1/GW-2	S-1/GW-3								
PAHs											
(mg/kg)	2-Methylnaphthalene	80	300	0.196 U	0.222 U	0.193 U	0.192 U	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	0.196 U	0.222 U	0.193 U	0.192 U	NA	NA	NA	NA
	Acenaphthylene	600	10	0.196 U	0.222 U	0.193 U	0.192 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	0.196 U	**0.294**	0.193 U	0.192 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	0.196 U	**0.621**	0.193 U	0.192 U	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	0.196 U	**0.528**	0.193 U	0.192 U	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	0.196 U	**0.672**	0.193 U	0.192 U	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	0.196 U	**0.281**	0.193 U	0.192 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	0.196 U	**0.250**	0.193 U	0.192 U	NA	NA	NA	NA
	Chrysene	70	70	0.196 U	**0.621**	0.193 U	0.192 U	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	0.196 U	0.222 U	0.193 U	0.192 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	0.196 U	**1.09**	0.193 U	0.192 U	NA	NA	NA	NA
	Fluorene	1,000	1,000	0.196 U	0.222 U	0.193 U	0.192 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	0.196 U	**0.341**	0.193 U	0.192 U	NA	NA	NA	NA
	Naphthalene	40	500	0.196 U	0.222 U	0.193 U	0.192 U	NA	NA	NA	NA
	Phenanthrene	500	500	0.196 U	**1.23**	0.193 U	0.192 U	NA	NA	NA	NA
	Pyrene	1,000	1,000	0.196 U	**1.08**	0.193 U	0.192 U	NA	NA	NA	NA
PCBs											
(mg/kg)	Total PCBs	2	2	0.104	0.833	0.142	0.670	NA	NA	NA	NA
Metals											
(mg/kg)	Mercury	20	20	NA	NA	NA	NA	NA	NA	NA	NA
	Antimony	20	20	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	2.94 U	**40.0**	2.90 U	2.88 U	2.93 U	2.86 U	**3.62**	**3.10**
	Barium	1,000	1,000	**20.0**	**7,920**	**41.9**	**27.7**	**232**	**110**	**226**	**48.3**
	Beryllium	100	100	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	0.30 U	**2.01**	0.29 U	**0.48**	0.30 U	0.29 U	**0.49**	**0.49**
	Chromium	30	30	**4.57**	**1,960**	**6.74**	**5.52**	**10.6**	**12.0**	**15.1**	**42.4**
	Lead	300	300	**10.0**	**543**	**21.9**	**18.4**	**36.2**	**32.6**	**146**	**79.4**
	Nickel	20	20	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	NA	NA	NA	NA	NA	NA	NA	NA
	Thallium	8	8	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed Method 1 standards.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

Table 2. Summary of Analytical Results for Surface Soil Samples - HH-13 Area
NBHS
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	Background	# of Samples	# of Detects	Freq. of Detects	Min. of Detects (mg/kg)	Max. of Detects (mg/kg)	Location of Max. Detected	Min. of Non-Detects (mg/kg)	Max. of Non-Detects (mg/kg)	Mean Concentration (mg/kg)	EPC (mg/kg)	EPC Rationale
PAHs															
	Anthracene	1,000	1,000	1	4	1	25.0%	0.294	0.294	HH-13B	0.192	0.196	1.5E-01	NA	Below background
	Benzo(a)anthracene	7	7	2	4	1	25.0%	0.621	0.621	HH-13B	0.192	0.196	2.3E-01	NA	Below background
	Benzo(a)pyrene	2	2	2	4	1	25.0%	0.528	0.528	HH-13B	0.192	0.196	2.0E-01	NA	Below background
	Benzo(b)fluoranthene	7	7	2	4	1	25.0%	0.672	0.672	HH-13B	0.192	0.196	2.4E-01	NA	Below background
	Benzo(g,h,i)perylene	1,000	1,000	1	4	1	25.0%	0.281	0.281	HH-13B	0.192	0.196	1.4E-01	NA	Below background
	Benzo(k)fluoranthene	70	70	1	4	1	25.0%	0.25	0.25	HH-13B	0.192	0.196	1.4E-01	NA	Below background
	Chrysene	70	70	2	4	1	25.0%	0.621	0.621	HH-13B	0.192	0.196	2.3E-01	NA	Below background
	Fluoranthene	1,000	1,000	4	4	1	25.0%	1.09	1.09	HH-13B	0.192	0.196	3.5E-01	NA	Below background
	Indeno(1,2,3-cd)pyrene	7	7	1	4	1	25.0%	0.341	0.341	HH-13B	0.192	0.196	1.6E-01	NA	Below background
	Phenanthrene	500	500	3	4	1	25.0%	1.23	1.23	HH-13B	0.192	0.196	3.8E-01	NA	Below background
	Pyrene	1,000	1,000	4	4	1	25.0%	1.08	1.08	HH-13B	0.192	0.196	3.4E-01	NA	Below background
PCBs															
	Total PCBs	2	2	NA	4	4	100.0%	0.104	0.833	HH-13B	--	--	4.4E-01	4.4E-01	Mean
Metals															
	Arsenic	20	20	20	8	3	37.5%	3.1	**40**	HH-13B	2.86	2.94	6.7E+00	6.7E+00	Mean
	Barium	1,000	1,000	50	8	8	100.0%	20	**7920**	HH-13B	--	--	1.1E+03	**1.1E+03**	Mean
	Cadmium	2	2	2	8	4	50.0%	0.48	**2.01**	HH-13B	0.29	0.3	5.1E-01	5.1E-01	Mean
	Chromium	30	30	30	8	8	100.0%	4.57	**1960**	HH-13B	--	--	2.6E+02	**2.0E+03**	Maximum
	Lead	300	300	100	8	8	100.0%	10	**543**	HH-13B	--	--	1.1E+02	1.1E+02	Mean

Notes:

All units in mg/kg unless otherwise specified.

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NA - Not applicable or not available.

Values in Bold indicate the compound was detected.

Values shown in Bold and shaded type exceed one or more of the listed Method 1 standards.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

Table 3. Chromium Speciation Data - HH-13 Area
NBHS
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:		SSHH-13B1		SSHH-13B2	SSHH-13B3	SSHH-13B4
		Sample Depth (ft.):		0-1	0-1	0-1	0-1	0-1
		Sample Date:		4/10/2009	4/10/2009	4/10/2009	4/10/2009	4/10/2009
		S-1/GW-2	S-1/GW-3		Field Dup			
Metals (mg/kg)	Chromium	30	30	**6.58**	**6.05**	**5.12**	**4.93**	**5.81**
	Chromium (VI)	30	30	0.37 U	0.39 U	0.38 U	0.38 U	0.38 U
pH (s.u.)	pH	N/A	N/A	**5.81**	**5.87**	**5.97**	**5.93**	**5.93**

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

Table 4
Visitor - Child
Incidential Ingestion of Surface Soil
HH13 - New Bedford High School (Chromium as Chromium III)
New Bedford, Massachusetts

		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	RAF Ingestion Cancer (--)	LADD Cancer (mg/kg-d)	RAF Ingestion Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (- -)	Hazard Quotient (- -)
1336-36-3	Total PCBs	4.4E-01	8.5E-01	5.9E-08	8.5E-01	2.5E-06	2.0E+00	5.0E-05	1E-07	5.0E-02
Metals										
7440-38-2	Arsenic	6.7	1.0E+00	1.1E-06	1.0E+00	4.5E-05	1.5E+00	3.0E-04	2E-06	1.5E-01
7440-39-3	Barium	1078	NC	NA	1.0E+00	7.2E-03	NA	7.0E-02	NA	1.0E-01
7440-43-9	Cadmium	0.51	NC	NA	1.0E+00	3.4E-06	NA	5.0E-04	NA	6.8E-03
16065-83-1	Chromauim +3	1960	NC	NA	1.0E+00	1.3E-02	NA	1.5E+00	NA	8.7E-03
18540-29-9	Chromium +6	0	NC	NA	1.0E+00	0.0E+00	NA	2.0E-02	NA	0.0E+00
7439-92-1	Lead	110.9	NC	NA	5.0E-01	3.7E-04	NA	7.5E-04	NA	4.9E-01

	Cancer Risk	Hazard Index
TOTAL:	2E-06	8E-01

NA = Not Applicable
NC = No Criteria
Where:

LADDcancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APcancer]
ADDnon-cancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APnon-cancer]
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Unit Conversion (UC) =	1.0E-06	kg/mg
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Ingestion Rate (IR) =	100	mg/d [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [2] - 5 days/week for 24 weeks
Exposure Period (EP) - Noncancer =	0.460	years [2] - 24 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.460	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 5
Visitor - Child
Dermal Contact with Surface Soil
HH13 - New Bedford High School (Chromium as Chromium III)
New Bedford, Massachusetts

		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	RAF Dermal Cancer (--)	LADD Cancer (mg/kg-d)	RAF Dermal Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (--)	Hazard Quotient (--)
1336-36-3	Total PCBs	0.44	0.16	8.7E-08	0.16	2.7E-06	2.0E+00	5.0E-05	2E-07	5.5E-02
Metals										
7440-38-2	Arsenic	6.7	0.03	2.5E-07	0.03	7.8E-06	1.5E+00	3.0E-04	4E-07	2.6E-02
7440-39-3	Barium	1078	NC	NA	0.05	2.1E-03	NA	7.0E-02	NA	3.0E-02
7440-43-9	Cadmium	0.51	NC	NA	0.14	2.8E-06	NA	5.0E-04	NA	5.6E-03
16065-83-1	Chromuim +3	1960	NC	NA	0.04	3.1E-03	NA	1.5E+00	NA	2.0E-03
18540-29-9	Chromium +6	0	NC	NA	0.09	0.0E+00	NA	2.0E-02	NA	0.0E+00
7439-92-1	Lead	110.9	NC	NA	0.006	2.6E-05	NA	7.5E-04	NA	3.5E-02

	Cancer Risk	Hazard Index
TOTAL:	5E-07	2E-01

NA = Not Applicable
NC = No Criteria

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Where:

LADDcancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APcancer)
ADDnon-cancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APnon-cancer)
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Unit Conversion (UC1) =	1E-06	kg/mg
Skin Surface Area (SA) - Noncancer =	1670	cm2/d [1] - (1-2 year old)
Skin Surface Area (SA) - Cancer =	2231	cm2/d [1] - (1-6 year old)
Soil Adherence Factor (SAF) =	0.35	mg/cm2 [1]
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [2] - 5 days/week for 24 weeks
Exposure Period (EP) - Noncancer =	0.460	years [2] - 24 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.460	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 6
Visitor - Child
Inhalation of Fugitive Dusts - Exposure Via the Lungs
HH13 - New Bedford High School (Chromium as Chromium III)
New Bedford, Massachusetts

			Exposure Estimates		Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	$LADE_{tch}$ Cancer (ug/m^3)	ADE_{tch} Noncancer (ug/m^3)	Unit Risk Factor (Inh) $(ug/m^3)^{-1}$	Subchronic Noncancer Reference Conc. (Inh) (ug/m^3)	Cancer Risk (- -)	Hazard Quotient (- -)
1336-36-3	Total PCBs	0.44	6.5E-08	1.6E-06	1.0E-04	2.0E-02	6E-12	8.2E-05
Metals								
7440-38-2	Arsenic	6.7	9.9E-07	2.5E-05	4.3E-03	2.5E-03	4E-09	1.0E-02
7440-39-3	Barium	1078	1.6E-04	4.0E-03	NA	5.0E+00	NA	8.1E-04
7440-43-9	Cadmium	0.51	7.5E-08	1.9E-06	1.8E-03	2.0E-02	1E-10	9.6E-05
16065-83-1	Chromuim +3	1960	2.9E-04	7.4E-03	NA	3.0E-01	NA	2.5E-02
18540-29-9	Chromium +6	0	0.0E+00	0.0E+00	1.2E-02	3.0E-01	0E+00	0.0E+00
7439-92-1	Lead	110.9	1.6E-05	4.2E-04	NA	1.0E+00	NA	4.2E-04

	Cancer Risk	Hazard Index
TOTAL:	4E-09	4E-02

NA = Not Applicable

Where:

LADEcancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UCI / (APcancer x BW)) x (BW assumed/IR assumed)
ADEnon-cancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UCI / APnon-cancer x BW) x (BW assumed/IR assumed)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Respirable Dust (PM_{10}) =	60	ug/m3 [4]
Relative Absorption Factor (RAF) =	1	unitless
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old; average of male/female
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old; average of male/female
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [5] - 5 days/week for 24 weeks
Exposure Duration (ED) =	1	hours/event [3]
Exposure Period (EP) - Noncancer =	168	days [5] - 24 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	168	days [5]
Inhalation Rate assumed (IR assumed) =	20	m3/day [2] - for adjustment of toxicity value
Body Weight (BW assumed) =	70	kg [2] - for adjustment of toxicity value
Unit Conversion (UC) =	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 7
Visitor - Child
Inhalation of Fugitive Dusts - Exposure Via the GI Tract
HH13 - New Bedford High School (Chromium as Chromium III)
New Bedford, Massachusetts

			Exposure Estimates				Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	RAF Cancer Ing (--)	$LADD_{GI-lab}$ Cancer (mg/kg-day)	RAF Noncancer Ing (--)	ADD_{GI-lab} Noncancer (mg/kg-day)	Cancer Slope Factor (Oral) $(mg/kg\text{-}day)^{-1}$	Subchronic Noncancer Reference Dose (Oral) (mg/kg-day)	Cancer Risk (- -)	Hazard Quotient (- -)
1336-36-3	Total PCBs	0.44	8.5E-01	4.70E-11	8.50E-01	1.20E-09	2.0E+00	5.0E-05	9E-11	2.4E-05
Metals										
7440-38-2	Arsenic	6.70	1.0E+00	8.48E-10	1.00E+00	2.15E-08	1.5E+00	3.0E-04	1E-09	7.2E-05
7440-39-3	Barium	1078	NC	NA	1.00E+00	3.47E-06	NA	7.0E-02	NA	5.0E-05
7440-43-9	Cadmium	0.51	NC	NA	1.00E+00	1.64E-09	NA	5.0E-04	NA	3.3E-06
16065-83-1	Chromuim +3	1960	NC	NA	1.00E+00	6.30E-06	NA	1.5E+00	NA	4.2E-06
18540-29-9	Chromium +6	0	NC	NA	1.00E+00	0.00E+00	NA	2.0E-02	NA	0.0E+00
7439-92-1	Lead	110.9	NC	NA	5.00E-01	1.78E-07	NA	7.5E-04	NA	2.4E-04

	Cancer Risk	Hazard Index
TOTAL:	1E-09	4E-04

NA = Not Applicable

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Where:

LADDcancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW))
ADDEnon-cancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Respirable Dust (PM_{10}) =	60	ug/m3 [1]
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old; average of male/female
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old; average of male/female
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [5] - 5 days/week for 24 weeks
Exposure Duration (ED) =	1	hours/event [3]
Exposure Period (EP) - Noncancer =	168	days [5] - 24 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	168	days [5]
Unit Conversion (UC1)=	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 8
Visitor - Child
Incidential Ingestion of Surface Soil
HH13 - New Bedford High School (Chromium as Chromium VI)
New Bedford, Massachusetts

		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	RAF Ingestion Cancer (--)	LADD Cancer (mg/kg-d)	RAF Ingestion Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (- -)	Hazard Quotient (- -)
1336-36-3	Total PCBs	4.4E-01	8.5E-01	5.9E-08	8.5E-01	2.5E-06	2.0E+00	5.0E-05	1E-07	5.0E-02
Metals										
7440-38-2	Arsenic	6.7	1.0E+00	1.1E-06	1.0E+00	4.5E-05	1.5E+00	3.0E-04	2E-06	1.5E-01
7440-39-3	Barium	1078	NC	NA	1.0E+00	7.2E-03	NA	7.0E-02	NA	1.0E-01
7440-43-9	Cadmium	0.51	NC	NA	1.0E+00	3.4E-06	NA	5.0E-04	NA	6.8E-03
16065-83-1	Chromuim +3	0	NC	NA	1.0E+00	0.0E+00	NA	1.5E+00	NA	0.0E+00
18540-29-9	Chromium +6	1960	NC	NA	1.0E+00	1.3E-02	NA	2.0E-02	NA	6.5E-01
7439-92-1	Lead	110.9	NC	NA	5.0E-01	3.7E-04	NA	7.5E-04	NA	4.9E-01

	Cancer Risk	Hazard Index
TOTAL:	2E-06	1E+00

NA = Not Applicable
NC = No Criteria
Where:

LADDcancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APcancer]
ADDnon-cancer = [Soil Concentration x UC x RAF x IR x EF x ED x EP] / [BW x APnon-cancer]
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Unit Conversion (UC) =	1.0E-06	kg/mg
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Ingestion Rate (IR) =	100	mg/d [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [2] - 5 days/week for 24 weeks
Exposure Period (EP) - Noncancer =	0.460	years [2] - 24 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.460	years [2]

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 9
Visitor - Child
Dermal Contact with Surface Soil
HH13 - New Bedford High School (Chromium as Chromium VI)
New Bedford, Massachusetts

		EPC	Exposure Estimates				Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	RAF Dermal Cancer (--)	LADD Cancer (mg/kg-d)	RAF Dermal Noncancer (--)	ADD Noncancer (mg/kg-d)	Cancer Slope Factor (Oral) (mg/kg-d)-1	Subchronic Noncancer Reference Dose (Oral) (mg/kg-d)	Cancer Risk (--)	Hazard Quotient (--)
1336-36-3	Total PCBs	0.44	0.16	8.7E-08	0.16	2.7E-06	2.0E+00	5.0E-05	2E-07	5.5E-02
Metals										
7440-38-2	Arsenic	6.7	0.03	2.5E-07	0.03	7.8E-06	1.5E+00	3.0E-04	4E-07	2.6E-02
7440-39-3	Barium	1078	NC	NA	0.05	2.1E-03	NA	7.0E-02	NA	3.0E-02
7440-43-9	Cadmium	0.51	NC	NA	0.14	2.8E-06	NA	5.0E-04	NA	5.6E-03
16065-83-1	Chromuim +3	0	NC	NA	0.04	0.0E+00	NA	1.5E+00	NA	0.0E+00
18540-29-9	Chromium +6	1960	NC	NA	0.09	6.9E-03	NA	2.0E-02	NA	3.4E-01
7439-92-1	Lead	110.9	NC	NA	0.006	2.6E-05	NA	7.5E-04	NA	3.5E-02

	Cancer Risk	Hazard Index
TOTAL:	5E-07	5E-01

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

NA = Not Applicable
NC = No Criteria

Where:

LADDcancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APcancer)
ADDnon-cancer = Soil Concentration x UC1 x SA x SAF x RAF x EF x ED x EP / (BW x APnon-cancer)
Cancer Risk = LADDcancer x Slope Factor
Hazard Quotient = ADDnon-cancer / Reference Dose

Unit Conversion (UC1) =	1E-06	kg/mg
Skin Surface Area (SA) - Noncancer =	1670	cm2/d [1] - (1-2 year old)
Skin Surface Area (SA) - Cancer =	2231	cm2/d [1] - (1-6 year old)
Soil Adherence Factor (SAF) =	0.35	mg/cm2 [1]
Relative Absorption Factor (RAF) =	CS	(unitless) [1]
Exposure Duration (ED) =	1	day/event [1]
Exposure Frequency (EF) - Noncancer =	0.714	event/day [2] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [2] - 5 days/week for 24 weeks
Exposure Period (EP) - Noncancer =	0.460	years [2] - 24 weeks
Exposure Period (EP) - Cancer =	5	years [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	15	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	70	years [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	0.460	years [2]

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 10
Visitor - Child
Inhalation of Fugitive Dusts - Exposure Via the Lungs
HH13 - New Bedford High School (Chromium as Chromium VI)
New Bedford, Massachusetts

			Exposure Estimates		Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	$LADE_{Inh}$ Cancer (ug/m^3)	ADE_{Inh} Noncancer (ug/m^3)	Unit Risk Factor (Inh) (ug/m^3)$^{-1}$	Subchronic Noncancer Reference Conc. (Inh) (ug/m^3)	Cancer Risk (- -)	Hazard Quotient (- -)
1336-36-3	Total PCBs	0.44	6.5E-08	1.6E-06	1.0E-04	2.0E-02	6E-12	8.2E-05
Metals								
7440-38-2	Arsenic	6.7	9.9E-07	2.5E-05	4.3E-03	2.5E-03	4E-09	1.0E-02
7440-39-3	Barium	1078	1.6E-04	4.0E-03	NA	5.0E+00	NA	8.1E-04
7440-43-9	Cadmium	0.51	7.5E-08	1.9E-06	1.8E-03	2.0E-02	1E-10	9.6E-05
16065-83-1	Chromuim +3	0	0.0E+00	0.0E+00	NA	3.0E-01	NA	0.0E+00
18540-29-9	Chromium +6	1960	2.9E-04	7.4E-03	1.2E-02	3.0E-01	3E-06	2.5E-02
7439-92-1	Lead	110.9	1.6E-05	4.2E-04	NA	1.0E+00	NA	4.2E-04

NA = Not Applicable

	Cancer Risk	Hazard Index
TOTAL:	3E-06	4E-02

Where:

LADEcancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW)) x (BW assumed/IR assumed)
ADEnon-cancer = (OHM x 0.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW) x (BW assumed/IR assumed)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Respirable Dust (PM_{10}) =	60	ug/m3 [4]
Relative Absorption Factor (RAF) =	1	unitless
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old; average of male/female
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old; average of male/female
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [5] - 5 days/week for 24 weeks
Exposure Duration (ED) =	1	hours/event [3]
Exposure Period (EP) - Noncancer =	168	days [5] - 24 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	168	days [5]
Inhalation Rate assumed (IR assumed) =	20	m3/day [2] - for adjustment of toxicity value
Body Weight (BW assumed) =	70	kg [2] - for adjustment of toxicity value
Unit Conversion (UC) =	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)

Table 11
Visitor - Child
Inhalation of Fugitive Dusts - Exposure Via the GI Tract
HH13 - New Bedford High School (Chromium as Chromium VI)
New Bedford, Massachusetts

			Exposure Estimates				Toxicity Values		Risk Estimates	
	Constituent	Surface Soil Concentration (mg/kg)	RAF Cancer Ing (--)	$LADD_{GI-lab}$ Cancer (mg/kg-day)	RAF Noncancer Ing (--)	ADD_{GI-lab} Noncancer (mg/kg-day)	Cancer Slope Factor (Oral) $(mg/kg\text{-}day)^{-1}$	Subchronic Noncancer Reference Dose (Oral) (mg/kg-day)	Cancer Risk (- -)	Hazard Quotient (- -)
1336-36-3	Total PCBs	0.44	8.5E-01	4.70E-11	8.50E-01	1.20E-09	2.0E+00	5.0E-05	9E-11	2.4E-05
Metals										
7440-38-2	Arsenic	6.70	1.0E+00	8.48E-10	1.00E+00	2.15E-08	1.5E+00	3.0E-04	1E-09	7.2E-05
7440-39-3	Barium	1078	NC	NA	1.00E+00	3.47E-06	NA	7.0E-02	NA	5.0E-05
7440-43-9	Cadmium	0.51	NC	NA	1.00E+00	1.64E-09	NA	5.0E-04	NA	3.3E-06
16065-83-1	Chromuim +3	0	NC	NA	1.00E+00	0.00E+00	NA	1.5E+00	NA	0.0E+00
18540-29-9	Chromium +6	1960	NC	NA	1.00E+00	6.30E-06	NA	2.0E-02	NA	3.2E-04
7439-92-1	Lead	110.9	NC	NA	5.00E-01	1.78E-07	NA	7.5E-04	NA	2.4E-04

NA = Not Applicable

	Cancer Risk	Hazard Index
TOTAL:	1E-09	7E-04

Bold = Cancer Risk >1.0E-05 or Hazard Quotient > 1.0E+00

Where:

LADDcancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / (APcancer x BW))
ADDnon-cancer = (OHM x 1.5 X PM10 x IR x RAF x EF x ED x EP x UC1 / APnon-cancer x BW)
Cancer Risk = LADEcancer x Cancer Slope Factor
Hazard Quotient = ADEnon-cancer / Reference Dose

Respirable Dust (PM_{10}) =	60	ug/m3 [1]
Inhalation Rate (IR) - Noncancer (1-2 year old) =	8.92	l/min [4] - heavy exertion; 1-2 year old; average of male/female
Inhalation Rate (IR) - Cancer (1-6 year old) =	14.77	l/min [4] - heavy exertion; 1-6 year old; average of male/female
Exposure Frequency (EF) - Noncancer =	0.714	event/day [5] - 5 days/week
Exposure Frequency (EF) - Cancer =	0.329	event/day [5] - 5 days/week for 24 weeks
Exposure Duration (ED) =	1	hours/event [3]
Exposure Period (EP) - Noncancer =	168	days [5] - 24 weeks
Exposure Period (EP) - Cancer =	1825	days [1]
Body Weight (BW) - Noncancer =	10.7	kg (1-2 year old)[1]
Body Weight (BW) - Cancer =	14.8	kg (1-6 year old) [1]
Averaging Period Cancer (AP_{cancer}) =	25550	days [1]
Averaging Period Noncancer ($AP_{noncancer}$) =	168	days [5]
Unit Conversion (UC1)=	6.00E-11	(60 min/hour; 1x 10-9 kg/ug; 0.001 m3/l)

[1] MassDEP, 2007; Park User Soil Imminent Hazard Short-form
[2] MassDEP, 2008; Characterization of Risk Due to Inhalation of Particulats by Construction Workers
[3] Professional Judgment
[4] MassDEP, 1995; Guidance for Disposal Site Risk Characterization
[5] Site-specific information for practices and games during 18-week sport season (includes pre-season and playoffs)