RELEASE ABATEMENT MEASURE PLAN

SOIL EXCAVATION AND REMOVAL

NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

Release Tracking Number 4-15685

Prepared for:

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1.0 INTRODUCTION

TRC Environmental Corporation (TRC) prepared this Release Abatement Measure (RAM) Plan for soil remediation activities proposed on behalf of the City of New Bedford (City) for the New Bedford High School (NBHS) campus. For the purposes of this RAM Plan, the Site is defined as the NBHS campus. This RAM was prepared per 310 CMR 40.0440 of the Massachusetts Contingency Plan (MCP).

The proposed RAM activities include the following:

- **Excavation -** Excavation of impacted soil that contributes to Exposure Point Concentrations (EPCs) in excess of MCP Method 1/Method 2 S-1 soil standards in the top 3 feet in landscaped areas as well as excavation of impacted soil with a benzo(a)pyrene Upper Concentration Limit (UCL) exceedance at sample location SB-308 (5 feet at SB-308).
- **Paving -** Expansion of paved surfaces in select areas to prevent direct contact exposure to impacted soil, and excavation and grading of soil in support thereof.
- **Recycling -** On-site crushing of asphalt and concrete materials generated from the removal of existing surfaces and reuse of material as construction material consistent with the Massachusetts Department of Environmental Protection (MassDEP) asphalt, brick and concrete (ABC) policy and associated Massachusetts solid waste regulations.
- **Soil Management -** Temporary soil stockpiling and stockpile management at an off-site City-owned location prior to disposal.
- **Disposal -** Off-site disposal of excavated soil at appropriately licensed facilities.
- **Restoration -** Backfilling of soil excavations with documented contaminant-free fill material screened in advance for the presence of regulated chemicals in excess of Method 1 S-1 soil standards.

Areas were identified for targeted soil removal or installation/expansion of paving exposure barriers. Following soil removal in areas targeted for remediation or prevention of direct contact exposure, TRC used a Method 1/Method 2 risk characterization approach to demonstrate that a Condition of No Significant Risk will exist for soil at the Site for the top 3 feet of soil in unpaved areas, which was then verified using a Method 3 risk characterization approach. Ultimately, when the RAM actions have been completed and a Condition of No Significant Risk has been achieved for the top 3 feet of soils in unpaved areas, an Activity and Use Limitation (AUL) will need to be placed on the property to control certain site uses and activities and to mitigate/control potential exposure to impacted soils greater than three feet below ground surface in unpaved areas and below paved surfaces where impacted soils will be present at shallower depths.

The proposed work to be performed under this RAM will serve to expedite the achievement of a Condition of No Significant Risk.

1.1 Background Information

The soil delineation and pre-determined excavation approach outlined in this RAM Plan is similar to that employed by TRC for the RAM at the Dr. Paul F. Walsh Athletic Field (TRC, 2009a). At the NBHS Campus, TRC conducted supplemental soil sampling to refine the delineation of impacted areas and to support remedial planning. TRC conducted soil sampling along concentric rings (i.e., step-out sampling) around sampling locations identified for potential excavation. The supplemental sampling investigation was performed to pre-define excavation boundaries. During this supplemental soil data collection and concurrent remedial planning phase, the remedial goals were EPCs less than or equal to Method 1/Method 2 S-1 soil standards focused on a vertical depth of up to three feet below ground surface in unpaved areas (i.e., targeting currently accessible soils). A summary of supplemental environmental sampling activities completed at NBHS is presented in the Phase II Comprehensive Site Assessment (Phase II) submitted to MassDEP on January 4, 2011 (TRC 2011).

The soil removal activities described in this 2011 RAM Plan do not address the volatile organic compound (VOC) impacts detected in groundwater and described in the Phase II (TRC 2011), but rather presents a risk-reduction measure targeting impacted soil on the campus separate from the groundwater VOC issue. Response actions addressing the VOC groundwater impacts and seepage into the Mechanical Room are coordinated under an Immediate Response Action (IRA) plan under Release Tracking Number (RTN) 4-22409. A site-specific Method 3 risk characterization will be used to support a partial Response Action Outcome (RAO-P) per the MCP.

A separate soil excavation event at the Site at sample location HF-31 will be performed in accordance with the *RAM Plan for Soil Removal at Sample Location HF-31,* submitted in October 2010 (TRC 2010a) and approved in writing by MassDEP on February 4, 2011.

1.2 Work Summary

Work to be performed under this RAM includes:

- **Excavation -** Excavation of impacted soil that contributes to EPCs in excess of MCP Method 1/Method 2 S-1 soil standards in the top 3 feet in landscaped areas as well as excavation of impacted soil with a benzo(a)pyrene UCL exceedance at sample location SB-308 (5 feet at SB-308).
- **Paving -** Expansion of paved surfaces in select areas to prevent direct contact exposure to impacted soil, and excavation and grading in soil in support thereof.
- **Recycling -** On-site crushing of asphalt and concrete materials generated from the removal of existing surfaces and reuse of material as construction material consistent with the MassDEP ABC policy and associated Massachusetts solid waste regulations.
- **Soil Management -** Temporary soil stockpiling and stockpile management at an off-site City-owned location prior to disposal.
- **Disposal -** Off-site disposal of excavated soil at appropriately licensed facilities;.

- **Restoration -** Backfilling of soil excavations with documented contaminant-free fill material screened in advance for the presence of regulated chemicals in excess of Method 1 S-1 soil standards.

The remaining sections of this RAM Plan include information pertaining to the following:

- Party assuming responsibility for the RAM (Section 2);
- Release description, site conditions and surrounding receptors (Section 3);
- Objective, plan and implementation schedule of the RAM (Section 4);
- Information pertaining to remediation waste management (Section 5);
- Environmental monitoring (Section 6);
- Federal, State, and Local permits (Section 7);
- Seal and signature of the Licensed Site Professional (Section 8);
- Certification of financial resources (Section 9);
- Relevant information (Section 10); and
- References (Section 11).

Supporting appendices include remediation drawings and details (Appendix A), soil management plan (Appendix B), RAM Plan fee documentation (Appendix C), and municipal notification letters (Appendix D).

1.3 Regulatory Status

The NBHS Campus is part of the Site being managed under RTN 4-15685. MassDEP has assigned other RTNs applicable to response actions undertaken at the NBHS Campus including 4-21847, 4-21872, and 4-22409. RTNs 4-21847 and 4-21872 are associated with activities previously implemented at the NBHS Campus. IRA activities associated with RTN 4-22409 are currently ongoing and this RAM does not apply to those activities. The current status of IRA activities for RTN 4-22409 is discussed in the *Immediate Response Action Status Report, New Bedford High School Substantial Release Migration/Critical Exposure Pathway* dated November 2010 (TRC 2010b). Response actions at the Site are conducted under a Special Project designation (310 CMR 40.0060) due to logistical complexities.

2.0 PARTY ASSUMING RESPONSIBILITY FOR THE RAM

The party undertaking this RAM is:

City of New Bedford
133 William Street
New Bedford, Massachusetts 02740

The point of contact for the City is:

Mr. Scott Alfonse
Director of the Department of Environmental Stewardship
(508) 979-1487

3.0 RELEASE DESCRIPTION, SITE CONDITIONS & SURROUNDING RECEPTORS

3.1 Site Description

This RAM Plan is for the NBHS Campus, which is composed of the following land parcels in the City of New Bedford: map 75 block 12, map 69 block 345, and map 70 block 1. The Site is located on the north side of Parker Street between Hathaway Boulevard on the west and Liberty Street on the east, and south of the Hetland Rink Property.

Properties in the vicinity of the Site include a state-owned ice arena (Hetland Rink), City-owned storage yards and maintenance facilities, a New Bedford Housing Authority complex, a church, the Keith Middle School (KMS), vacant land (the Nemasket Street Lots and Acquired Residential Properties), single family residences and a sporting goods store. The approximate Universal Transverse Mercator (UTM) coordinates for the NBHS Campus are 4,612,139 meters north and 337,806 meters east in Zone 19. The latitude and longitude of the Site are 41.644559 latitude and -70.947316 longitude. A site location map is provided in Figure 1.

Review of the United States Geological Survey (USGS) Topographic Quadrangles for New Bedford South dated 1977 and New Bedford North dated 1979 indicates that the Site is located at approximately 90 feet above mean sea level (amsl). Site topography is level with hills to the east and west. New Bedford Harbor is located approximately 1.3 miles east of the Site.

NBHS consists of a single 529,192 square foot building (with a footprint of approximately 233,903 square feet) surrounded by paved parking areas and road/pathways, lawn and landscaped areas for recreational use, and paved tennis courts. Approximately 48-percent of the Site is covered by impervious surfaces (e.g., pavement or building). An ice skating rink and isolated wetland area, located along Durfee Street, exist beyond the northern boundary of the NBHS property. The NBHS building has three main sections: (1) the gym; (2) the auditorium; and (3) the "Houses". The gym is located at the southern end of the campus. The grassy area in front (west) of the gym is used for outdoor gym classes. Fenced playing fields (a volley ball court, baseball field, and basketball and tennis courts) are located to the rear (east) of the gym. To the north of the gym is the main entrance to the high school, marked by a flag pole and traffic circle. The auditorium is housed in this central portion of the NBHS building. An unfenced field, used as a practice area, is located to the rear (east) of the auditorium. Further to the north are the classrooms, arranged as a series of four "Houses" (A-Block) around a central core (B-Block). The grassy outdoor areas to the east of the "Houses" is a congregating area for students. The grassy field to the north of the "Houses", between two large parking lots, is used for gym classes by KMS, which is located to the west of the NBHS Campus across Hathaway Boulevard.

NBHS is heated via natural gas-fired boilers. Back-up electric power is provided by a natural gas fueled generator. The boilers were formerly fired using fuel oil stored in underground storage tanks (USTs), which were removed in 1999 (Oliveira, 2009). Building maintenance, high school science laboratories, and the wood and automotive shops store small quantities of chemical substances/products on site. Small quantities of small arms ammunition and associated maintenance products are stored and utilized at an indoor shooting range.

For the purposes of the risk characterization, the Site was divided into the following distinct potential exposure points:

- HS-1: Children's Playground Area
- HS-2: Fenced Playing Field Area
- HS-3: Unfenced Playing Field Area
- HS-4: Gym Area
- HS-5: Flag Pole Area
- HS-6: House Area
- HS-7: Student Congregating Area
- HS-8: Junior High School Gym Class Area
- HS-9: Beneath Pavement/Building Area
- HS-10: Tree Belts Area
- HS-11: Miscellaneous Samples of Unknown Location

This RAM Plan discusses analytical results by the above-defined exposure area, which area depicted on Figure 2.

3.2 Surrounding Receptors

Land uses at properties surrounding the Site are described under Section 3.1.

Groundwater categories at the Site include current or potential GW-2, depending upon proximity to occupied structures (groundwater is encountered at approximately 4 to 7 feet below ground surface based on recent groundwater monitoring well installations at the Site by TRC), and GW-3, which applies to all groundwater throughout the Commonwealth per the MCP.

Based on review of on-line MassDEP Priority Resource Map data available from Massachusetts Geographic Information System (MassGIS), the Site is not located within a Current or Potential Drinking Water Source Area (MassGIS, 2008).

The Site is not located in a wetland resource area. No other documented sensitive ecological receptor areas (e.g., Areas of Critical Environmental Concern [ACEC]) are known to be located at or near the site. No municipal or residential wells are known to be within 500 feet of the Site

3.3 Release Description

As described previously, the NBHS Campus is part of the Site being managed under RTN 4-15685. The Site was subject to land disturbance or disposal activity in the 1930s through the 1960s. Historical documentation indicates that the Site was an undeveloped wetland prior to the land disturbance or disposal activities.

The nature and extent of impacted soil is discussed as separate exposure point areas based on the identification of varied activities and uses throughout the different areas of the Site, and in

consideration of future remedial actions. The exposure point area boundaries and sample locations are illustrated in Figure 2.

Supplemental environmental sampling was conducted by TRC to address data gaps and supplement previous work at the Site by Vanasse Hangen Brustlin, Incorporated (VHB) and the BETA Group, Incorporated (BETA), and to refine the delineation of impacted soil areas and support remedial planning.

In locations where soils have been previously excavated under an IRA (see the Phase II; TRC 2011), the sample results are not included in the tables of results. These excavated sample locations continue to be identified in Figure 2.

A portion of the supplemental sampling was performed at BETA sampling locations that were only analyzed for polychlorinated biphenyls (PCBs), and a composite was collected from two or three locations for the analysis of metals. If the BETA results indicated elevated levels of metals in a composite sample, then TRC collected individual samples in the vicinity of the sample locations that comprised the composite analyzed by BETA to further evaluate those sample locations.

The evaluation and delineation of impacted soil in the landscaped areas focused on the 0 to 1 foot below ground surface horizon, 1 to 3 feet below ground surface horizon, and greater than 3 feet below ground surface horizon. The 0 to 1 foot horizon is considered to be directly accessible with a high potential for contact by people. The 1 to 3 feet horizon is considered to be not immediately accessible, with lower potential for contact by people (potential for contact by maintenance or construction personnel when performing activities that require digging below the ground surface exists). In some exposure point areas, the intervals of some samples collected by BETA encompass more than one soil horizon. Where the sample interval includes surficial soil (for example sampling interval 0 to 2 feet), the sampling interval was considered to be part of the 0 to 1 foot soil horizon. Where a sample interval does not completely include the 0-1 foot soil horizon (for example 0.5 to 1.5 feet), the sampling interval was considered to be part of the 1 to 3 feet soil horizon. The BETA data, and their respective interval assignments, are included in Tables 3-1 through 3-11.

All analyses of soil samples submitted by TRC for polycyclic aromatic hydrocarbons (PAHs), PCB Aroclors, and MCP metals and mercury, were conducted in accordance with the MassDEP Compendium of Analytical Methods (CAM). Analyses of soil samples submitted by TRC for PCB homologs were conducted in accordance with EPA Method 680.

Samples submitted by BETA for metals analyses were analyzed for the RCRA 8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). BETA also submitted soil samples for analysis of PCB Aroclors, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, herbicides, total petroleum hydrocarbons (TPH), toxicity characteristics leaching procedure (TCLP) metals, flashpoint, reactivity, and dibenzofuran.

A Method 1/Method 2 risk characterization approach was utilized initially to evaluate soil impacts to support remedial planning. The delineation sampling investigations were performed to determine pre-defined excavation boundaries for the lateral and vertical extent necessary to achieve the remedial goal (i.e., EPCs less than or equal to Method 1/Method 2 S-1 soil standards). Method 2 soil standards were developed for chemicals lacking tabulated MCP Method 1 soil standards using methods and assumptions described in 310 CMR 40.0983 and 40.0884 of the MCP. The use of Method 2 to develop Method 1 S-1/GW-2 and S-1/GW-3 soil standards for dibenzofuran, carbazole, 1,2,3-trichlorobenzene, 4-bromophenyl phenyl ether, 4-methylphenol, alpha-BHC, benzoic acid, endosulfan sulfate, and dinoseb was documented in the Appendix F of the Interim Phase II (TRC 2009b). TRC verified the suitability of the soil removal remedial approach originally delineated using Method 1/Method 2 risk characterization protocols using a site-specific Method 3 risk characterization approach as described in the Phase II (TRC, 2011).

The soil chemical concentration units in the following discussion are in milligrams per kilogram (mg/kg). The results are presented by soil exposure point area (see Figure 2). Laboratory detection limits were below the Method 1/Method 2 standards, unless otherwise noted and discussed in the Phase II (TRC 2011).

The Phase II (TRC 2011) presents a complete description of the Site Investigative History, Site-Geologic/Hydrologic Conditions, prior immediate response actions, and the Nature and Extent of Chemical Impacts. Data summary tables indentifying soils to be removed and/or where paved surfaces will be expanded to prevent direct contact exposure to impacted soils, are included in Tables 3-1 through 3-11 for exposure point areas HS-1 to HS-11, respectively. A summary of the results of the dioxin and dioxin-like compound sampling results are included in Tables 3-12 and 3-13.

4.0 OBJECTIVE, PLAN & IMPLEMENTATION SCHEDULE

4.1 Objective

Work to be performed under this RAM includes:

- **Excavation -** Excavation of impacted soil that contributes to EPCs in excess of MCP Method 1/Method 2 S-1 soil standards in the top 3 feet in landscaped areas as well as excavation of impacted soil with a benzo(a)pyrene UCL exceedance at sample location SB-308 (5 feet at SB-308).
- **Paving -** Expansion of paved surfaces in select areas to prevent direct contact exposure to impacted soil, and excavation and grading in soil in support thereof.
- **Recycling -** On-site crushing of asphalt and concrete materials generated from the removal of existing surfaces and reuse of material as construction material consistent with the MassDEP ABC policy and associated Massachusetts solid waste regulations.
- **Soil Management -** Temporary soil stockpiling and stockpile management at an off-site City-owned location prior to disposal.
- **Disposal -** Off-site disposal of excavated soil at appropriately licensed facilities;.
- **Restoration -** Backfilling of soil excavations with documented contaminant-free fill material screened in advance for the presence of regulated chemicals in excess of Method 1 soil standards.

Currently, soil EPCs under baseline conditions indicate that a Condition of No Significant Risk has not been achieved for soil within the 0 to 3 foot interval in landscaped areas under current and future use scenarios for HS-3, HS-4, HS-6, and HS-10. The Children's Playground Area (HS-1), the Fenced Playing Field Area (HS-2), and the Student Congregating Area (HS-7) do not require further action to achieve a Condition of No Significant Risk for the top three feet of soil. The Flag Pole Area (HS-5), the Junior High School Gym Class Area (HS-8), a portion of the Tree Belt Area (HS-10), and the areas identified as Beneath Pavement/Buildings (HS-9) will be covered or remain covered by pavement to prevent direct contact exposures to underlying soil as part of the remedial action.

The objective of these RAM activities is to mitigate the current and future risks associated with the Site soil as supported by the risk characterization included in the Phase II (TRC 2011). Drawings illustrating the areas targeted for the remedial measures set forth in this RAM Plan are presented in Appendix A.

4.2 Plan

The aforementioned RAM activities necessary to achieve a condition of No Significant Risk at the Site are detailed in this section of the plan.

4.2.1 Soil Excavation/Removal

RAM activities for the Site include excavation of soil in certain areas identified as being targeted for removal of soil and excavation and grading in support of expansion of paved surfaces that will serve as exposure barriers to underlying impacted soils. Safety, security and erosion/sedimentation control measures will be implemented prior to remedial activities. Following soil removal, the excavations will be backfilled with documented-clean backfill, topped with approximately six inches of loam, and re-seeded or finished with the installation of new sod.

It is anticipated that several of the targeted areas can be excavated and backfilled within a single work day. Excavations that will be left open overnight will be secured with temporary chain-link fencing and/or covered with plating to be protective of public safety.

Approximately 90,670 square feet of surface area will be removed and replaced. The vertical and horizontal extent of impacted soils to be removed is identified in Appendix A. The approximate total volume of soil to be excavated (4,860 cubic yards) is summarized below by sample(s) location/area.

- SS-32 – 7 cubic yards
- HF-40 – 112 cubic yards
- HF-43, HE-44 – 136 cubic yards
- HJ-42 – 42 cubic yards
- HD-19, HD-20, HD-21 – 298 cubic yards
- HF-14 – 353 cubic yards
- HH-13 – 171 cubic yards
- HA-19 – 160 cubic yards
- HB-39, HB-40 – 103 cubic yards
- HB-23, HC-22 – 357 cubic yards
- SS-36 – 118 cubic yards
- SB-360 – 193 cubic yards
- SB-308 -79 cubic yards
- SB-270 – 107 cubic yards
- Excavation for paving in HS-5 – 1,160 cubic yards
- Excavation for paving in HS-10 – 1,463 cubic yards

4.2.2 Soil Excavation Design, Assumptions, Calculations

The extent of the planned soil excavations are shown in figures provided in Appendix A.

Pre-defined excavation boundaries for the lateral and vertical extent of soil removal were established as described herein (i.e., EPCs less than or equal to Method 1/Method 2 S-1 soil standards, also supported by Method 3 risk analysis). Based on the risk characterization results,

the supplemental sampling investigations were focused on a vertical depth of up to three feet below ground surface, targeting currently accessible soils. For the areas targeted as being considered for excavation, the excavation limits were determined by recalculating the EPCs for each targeted area after the samples within the excavation boundaries were eliminated from the data set, confirming that a condition of No Significant Risk would be achieved for the targeted areas following excavation. An excavation to 5 feet will be performed at SB-308 to eliminate a UCL condition.

The risk characterization included an initial evaluation of the baseline (i.e., pre-excavation) conditions at exposure point areas HS-3, HS-4, HS-6, and HS-10. As demonstrated in the Phase II (TRC 2011), the Children's Playground Area (HS-1), the Fenced Playing Field Area (HS-2), and the Student Congregating Area (HS-7) do not require further action to achieve a Condition of No Significant Risk for the top three feet of soil. This conclusion was verified in the Method 3 risk characterization. Due to concentrations of PCBs detected in HS-2 at sample location SS-32 (18.5 mg/kg at 1.5 feet), this area will be excavated as an added risk reduction measure. In addition, the Flag Pole Area (HS-5), the Junior High School Gym Class Area (HS-8), a portion of the Tree Belt Area (HS-10), and the areas identified as Beneath Pavement/Buildings (HS-9) will be covered or remain covered by pavement to prevent direct contact exposures to underlying soil as part of the remedial action. The data for each exposure point area were summarized to generate baseline EPCs. The baseline EPCs were then compared to MCP Method 1/Method 2 S-1 soil standards. Chemicals with maximum detected concentrations below MassDEP background concentrations for natural soil (MassDEP, 2002) were evaluated further consistent with MassDEP risk characterization guidance.

Soil EPCs under baseline conditions indicate a condition of No Significant Risk has not been achieved for soil under current and future use scenarios for HS-3, HS-4, HS-6, and HS-10. Future risks associated with exposure to soils greater than three feet below ground surface will be controlled through the implementation of an AUL. Current risks associated with soil within three feet of ground surface within these identified areas will be addressed through excavation.

The limits of excavation were pre-defined using risk characterizations as described herein. To confirm that a Condition of No Significant Risk would be achieved when the pre-defined areas with contaminants of potential concern (COPC) were excavated, EPCs were recalculated for each exposure point area after the samples within the excavation boundary were eliminated from the data set to represent the excavation. Again, chemicals with maximum detected concentrations below MassDEP background concentrations for natural soil were not evaluated further.

See the Phase II (TRC 2011) for other supporting risk characterization information.

4.2.3 Site Preparation

Planned excavation areas, as shown on figures provided in Appendix A, will be pre-marked in the field by a surveyor prior to remedial activities. All other customary utility mark-out procedures, including the use of Dig-Safe, will be employed to establish the locations of known subsurface utilities within the vicinity of remedial activities. Locations of utilities will be clearly marked.

During soil removal activities, procedures will be implemented to monitor and control potential releases of site COPC impacted soils. Such procedures include air monitoring and dust suppression for fugitive dust, control of precipitation run-on and run-off, and decontamination of equipment and vehicles that contact impacted soil.

Control of precipitation of run-on and run-off will be achieved by minimizing the time of exposure of impacted soils. Sampling and analysis has been performed to fully define the limits of excavation prior to initiation of soil removal activities. As the lateral and vertical limits of excavation are pre-determined, this will allow for excavations to be rapidly backfilled with clean soil materials upon completion of required excavation.

Uncontrolled off-site transport of impacted materials via vehicle traffic will be prevented through removal of soil materials from the body and tires of all vehicles prior to exiting the Site. Vehicles will be visually inspected to ensure no visible soil materials are present on the body or on the tires.

4.2.4 Excavation Activities

During all excavation and dewatering activities, site health and safety monitoring will be conducted in accordance with a Health and Safety Plan (HASP). Security will be maintained to prevent access by unauthorized and non-essential personnel within the work area. Excavation dewatering is not anticipated to be necessary as the proposed limit of the excavation for planned soil removal is above the groundwater table. However, a limited number of excavations for storm drainage improvements may require some groundwater management discussed elsewhere in this RAM Plan. Measures will be implemented to minimize impacts to the environment.

As the lateral and vertical limits of excavation have been pre-determined, this will allow for backfilling of the excavations with documented contaminant-free materials shortly after completion of required excavations. Imported materials will be considered contaminant-free if the source has documentation that the following analyses were performed and any detections encountered were below the current MCP Method 1 S-1 standards:

- Volatile Organic Compounds via SW-846 Method 8260B;
- Semivolatile Organic Compounds via SW-846 Method 8270C;
- Volatile Petroleum Hydrocarbons/Extractable Petroleum Hydrocarbons via MassDEP methodologies;
- Polychlorinated Biphenyls via SW-846 Method 8082;
- RCRA-8 Metals (via SW-846 Methods 6010B/7471A); and
- Pesticides/Herbicides via SW-846 Methods 8081B/8151A.

Lacking such documentation, the City may undertake appropriate sampling and analysis to guard against importation of impacted soil and evaluate the suitability of the soil for its intended use.

Excavation and backfilling activities will progress along the portions of larger excavation areas in stages as opposed to performing excavation in all areas prior to any backfilling. This will minimize related safety concerns and the impact of rainfall events on site operations.

The impacted soil is planned to be directly loaded into trucks and transported to an off-site location for stockpiling and, as needed, stabilization. Excavated soil will be managed as described in the *Soil Management Plan* in Appendix B. Analytical data collected during the previous investigations from the excavation areas may be used to obtain pre-approval of soil acceptance, where necessary, from a disposal facility prior to excavation activities. TRC anticipates that certain soil stockpiles will require sampling and analysis prior to transport, in order to characterize the soils for evaluation of disposal options, including consideration of on-site treatment prior to disposal. Trucks will be decontaminated, if necessary, following the procedures outlined in the *Soil Management Plan* located in Appendix B.

4.2.5 Backfilling/Compaction

Once excavation activities are completed, backfilling will occur. The certified clean granular replacement material and topsoil from off-site sources will be used as the backfill materials. The fill will be placed into the excavation and compacted in successive layers until the required elevations are achieved. The imported backfill will be brought up on essentially level lifts not exceeding twelve inches in un-compacted thickness and will be compacted by standard methods (e.g., WackerNeuson RT Trench Compactor). Each lift of material will be compacted so as to secure a dense, stable and thoroughly compacted mass. Filling operations will continue until the fill has been brought up to the finished grade, making proper allowances for six inches of topsoil, and re-seeding.

4.2.6 Extent of Asphalt Pavement

The areas for RAM activities for which prevention of direct contact exposure to impacted soils by paving are HS-5, HS-8, and portions of HS-10 based on the risk analysis. Available data for each of these areas indicated that soil removal activities would need to extend over a significant portion of the area in order to achieve remedial objectives. These areas will be covered by asphalt pavement to meet and match existing pavement in the surrounding areas. The lateral extent of pavement in area HS-8 does not cover the entire footprint of the area. Grassed spaces are to remain along most of the perimeter of the paved area to aid in drainage run off control given the proposed increase in impervious area. Soil from areas adjacent to the limits of the proposed asphalt cover in area HS-8 will be graded beneath the new paved areas in order to support the necessary drainage features around the cover system and leveling of the new parking surface. For area HS-5 and areas of HS-10, the soil excavated to support new paving without an elevation increase will be transported off-site for stockpiling and, as needed, stabilization. The areas to be paved are shown on Drawing C-105 located in Appendix A.

4.2.7 Excavated Asphalt and Concrete On-Site Crushing and Reuse as Backfill

Existing asphalt or concrete surfaces removed during remedial actions, as outlined in Section 4.2.2, will be managed as described in the *Soil Management Plan* in Appendix B and in this section.

The asphalt and concrete removed in support of new paving will be broken up to a 6-inch maximum size using a suitable excavator attachment ("nibbler"), or other suitable machine/equipment, and be used as backfill for grading in area HS-8 pursuant to the MassDEP Site Assignment Regulations for Solid Waste Facilities (310 CMR 16.00), specifically the asphalt pavement, brick and concrete recycling operations detailed in 310 CMR 16.05(3)(e). The City will file an On-Site Rubble Crushing Notification Form with the MassDEP and City of New Bedford Board of Health in accordance with 310 CMR 16.05(3)(e)6.

4.2.8 Stormwater Management

Design of the final site grades will provide for positive drainage of surface water runoff away from the paved areas during construction activities and under post-construction conditions. Design efforts include delineation of drainage flow paths, estimation of runoff flows associated with the design storm and the design of drainage swales sufficient to convey the estimated flows of the design storm. The existing stormwater drainage features will be examined to determine if there is sufficient capacity to handle the increased runoff that will result from the added impermeable surfaces. The percent of impervious surfaces resulting from paving and the on-site cover will increase from approximately 48-percent to approximately 58-percent. Any proposed subsurface utilities to be located within the paved area will be constructed with clean backfill in order to create a clean utility corridor. Given that the area of disturbed soil is greater than one acre, a Stormwater Pollution Prevention Plan (SWPP) will be prepared and submitted to the U.S. EPA and to the New Bedford Conservation Commission prior to construction. In addition, the Massachusetts Stormwater Management Guidelines will be met to the maximum extent practicable.

4.2.9 Wetland Considerations

A wetland abuts the paved area to the north in area HS-8, behind the Hetland Memorial Skating Rink, on a parcel of land owned by the Commonwealth of Massachusetts. A portion of the area to be paved is located within the 100 foot buffer zone and is therefore, subject to regulation under the Wetlands Protection Act (WPA), 310 CMR 10.00. A Request for Determination of Applicability will be prepared and submitted to the New Bedford Conservation Commission. If required, a full Notice of Intent (NOI) will be prepared and submitted to the Commission.

4.2.10 Dust Suppression

During activities that involve the movement or other disturbance of potentially impacted soils, dust suppression consisting of water sprays will be routinely applied, and potential fugitive dust emissions will be monitored simultaneously (see Section 6.4). Water sprays will be applied as a heavy mist, rather than a water stream, to ensure the water is aerosolized to maximize dust capture/interception and thus suppression. Increased water sprays (e.g., additional hoses and/or water volume) will be implemented based on visual observations of effectiveness and instrumented monitoring. Where wind conditions are present that render dust suppression ineffective based on instrument readings and/or visual observations (based on the professional judgment of environmental oversight personnel), those activities will be suspended until

favorable wind conditions resume/return or dust suppression suitable for the conditions can be reliably implemented.

4.3 Implementation Schedule

The RAM activities are scheduled to begin upon approval of this plan and be completed in approximately five (March-August) months (sooner if practicable and assuming favorable weather conditions). A RAM Status Report will be submitted within 120 days of the RAM Plan submittal to MassDEP. TRC anticipates submittal of a RAM Completion Report within 60 days of the completion of all RAM activities, or an additional RAM Status Report if the outcomes of activities do not warrant a RAM Completion Report.

At the City's option, work will be performed incrementally after school hours, over weekends, and during holidays to meet schedule objectives (completion before the start of school in the Fall of 2011). The project schedule will be refined as resources are aligned and/or contracted for the performance of the work.

5.0 REMEDIATION WASTE MANAGEMENT STATEMENT

This section describes procedures for the on-site management and off-site reuse, recycling, and/or disposal of remediation waste generated during this RAM. Remediation waste management will be conducted in accordance with the applicable sections of the MCP, MassDEP *Interim Remediation Waste Management Policy for Petroleum Contaminated Soils*, WSC-94-400 and MassDEP Policy COMM#97-001 *Reuse and Disposal of Contaminated Soils and Sediments at Massachusetts Landfills*, and 40 CFR Part 761, where applicable.

The estimated volume of excavated soil that could be potentially transported from the Site as part of this RAM is approximately 2,095 cubic yards. The *Soil Management Plan* provided in Appendix B outlines the plan for soil management at the Site.

5.1 Soil Management

Impacted soil excavation will take place with qualified field oversight personnel. Contractors will be required to implement means to prevent fugitive dust generation (e.g., water sprays).

Excavated soils associated with the RAM will be temporarily stored off-site at the City of New Bedford Transfer Station located at 1103 Shawmut Avenue, New Bedford, Massachusetts. The route of transportation from the NBHS Campus to the City of New Bedford Landfill will most likely be Durfee Street to Shawmut Avenue. Where segregation is possible based on existing data, soil may be segregated into the following soil types by the degree of impact and proposed disposal facility:

- Type A – Pre-characterized soils for reuse on-site; excess Type-A soil also suitable for off-site reuse as cover material at a lined or unlined landfill facility. On-site reuse is restricted to the location from which the soils were excavated. Any other placement requires prior approval of the LSP;
- Type B – Suitable for unlined or lined landfill Reuse (chemically unsuited for reuse on-site);
- Type C – Suitable for asphalt batch recycling (geotechnically unsuited for reuse on-site and/or chemically unsuited for reuse on-site or off-site);
- Type D – Non-hazardous waste landfill disposal (chemically unsuited for on-site or off-site reuse, and off-site recycling); and
- Type E – Soil requiring segregation and off-site treatment prior to disposal as a hazardous waste.
- Type F – Soil requiring disposal at TSCA chemical waste landfill

Soils types are further discussed in *Soil Management Plan* provided in Appendix B. The soil will be stockpiled on a minimum of 6-mil-thick polyethylene. Stockpiled materials will also be securely covered at the end of each work day or during periods of prolonged inactivity with a minimum of 6-mil-thick polyethylene overlapped and weighted to form a continuous waterproof barrier over the material. The cover will be maintained throughout the stockpile period to control

water entering the stockpiled materials and to limit fugitive dust generation. The Site or work area will be secured by a temporary fence around the perimeter that limits unauthorized entry and contact with stored materials by trespassers. Lined and covered roll-offs may be utilized for other excavations. If roll-offs will be used, they will be lined with polyethylene and covered to prevent leakage and storm water accumulation. Roll-offs will be of appropriate specification to allow over the road transport of the soils stockpiled therein as a contingency. If stockpiles require more than 120-days to process, then they will continue to be managed per this RAM Plan and supporting soil management plan.

5.2 Off-Site Reuse, Recycling, and/or Disposal

Excavated soil that will be transported from the Site will be characterized as appropriate for off-site reuse, recycling, and/or disposal at a suitable facility. Several suitable off-site facilities are being considered, but the facility locations have not been finalized and will be coordinated through the City's selected remediation contractor. Analytical data collected during the previous investigations at the Site will be used to explore disposal and pre-treatment options. Samples of stockpiled soil will be taken and submitted for laboratory analysis in order to characterize the excavated soil. The soil sample laboratory data will initially be compared against Massachusetts reuse, recycle, and disposal criteria in accordance to MassDEP Policy# COMM-97-001 and Interim Policy #WSC-94-400. Existing asphalt or concrete surfaces removed during remedial actions, as outlined in Section 4.2.2, will be managed as described in the *Soil Management Plan* in Appendix B and in this section.

Use of MassDEP COMM-97-001 and WSC-94-4000 tabulated acceptance criteria does not preclude the use of out-of-state facilities that offer similar reuse (e.g., landfill daily cover) or recycling (e.g., asphalt batch) opportunities. Such opportunities may be evaluated and/or utilized on a case-by-case basis assuming facility acceptance criteria can be met and the facility is currently permitted within its regulatory jurisdiction for the reuse and/or recycling service provided.

Transportation of all materials from the Site will be performed using a MassDEP Bill of Lading (BOL), Material Shipping Record (MSR) or Hazardous Waste Manifest, as appropriate, and will be performed within 120 days of stockpiling in accordance with 310 CMR 40.0030 of the MCP.

The transport of impacted materials from the Site to the disposal facility will be in accordance with DOT, EPA, and MassDEP regulations, as appropriate. The hauler(s) will be licensed in states affected by the transport of Site soil.

5.3 Groundwater Management

A small amount of groundwater dewatering will take place for the installation of stormwater utilities to accommodate additional runoff from the expansion of impervious surfaces on the northern end of the NBHS Campus, and will be managed as a Utility Related Abatement Measure (URAM). Where water is encountered within utility trenching and excavations, it will be discharged to the ground surface or subsurface and/or groundwater at a point within 100 feet of the point of withdrawal in a manner that will not exacerbate existing conditions, or prevent or impair the performance of remedial actions, at the disposal site. Per the MCP, these activities

will be described in status reports and/or completion reports submitted to MassDEP (concentration data, pumping rate, volume, etc.) per 310 CMR 40.0465 and 40.0466.

6.0 ENVIRONMENTAL MONITORING PLAN

Appropriately trained personnel will be on-site during the excavation and off-site transport for reuse, recycling and/or disposal of impacted soil and will conduct environmental monitoring activities as described herein.

This section summarizes the protective measures that will be employed to minimize and control any potential pollution releases and to preserve environmental conditions at the Site.

Remedial activities at the Site will be conducted in the areas shown in figures provided in Appendix A. All applicable work zones will be delineated and maintained throughout the duration of the project to closely monitor site activities, quality control and safety to ensure that the project objectives are achieved. In addition, access to the work zone will be regulated to prevent unauthorized entry.

6.1 Protection of Land Resources

The activities covered under this environmental monitoring plan specifically include all areas associated with soil excavation activities at the Site. Protection of areas will be performed during mobilization, excavating, staging, treatment of materials, and demobilization. Disturbed areas will be restored as necessary to their pre-existing condition following completion of remedial activities.

Trucks and heavy equipment will be decontaminated prior to leaving the Site to ensure that any loose soil debris does not impact outside roadways and properties. Heavy equipment will be decontaminated at an area that will be established in advance. This area will be used to support dry decontamination procedures (i.e., brushing-off of soil, etc.). Vehicles/equipment leaving the Site must stop and be inspected by environmental oversight personnel to evaluate the removal of soil or debris from the vehicle body and tires.

6.1.1 Temporary Protection of Disturbed Areas

Preventative erosion and sedimentation control measures will be implemented in order to limit and retard run-off within the established work zone limits, as necessary based on field observations. Disturbed areas will be protected as described in the Erosion Control and Sedimentation procedures in Section 6.1.2.

6.1.2 Erosion and Sedimentation Control Procedures

Erosion and sedimentation controls may be installed, depending on field observations, and as required to protect the wetland north of the property. As the Site generally exhibits a flat topography, and there are no catch basins located in the vicinity of most excavations, the use of sedimentation and erosion control measures will not be needed in all areas. If required based on field observations, specific details pertaining to the design and installation of the sedimentation and erosion controls are provided in Appendix A, Figure C-103. Controls will be inspected daily to maintain compliance and to avoid siltation of surface water and drainage ways. At the completion of remedial activities, sedimentation and erosion control measures will be removed,

and the area will be restored to its pre-existing condition, if not otherwise altered by the design of the response actions.

6.1.3 Soil Stockpile

Prior to excavation work, a temporary soil storage area will be established off-site for the impacted excavated soil. The storage area will be lined with 6 mil (or higher) gauge polyethylene sheeting. In addition, the stockpiled soil will be covered with 6-mil (or higher) gauge polyethylene sheeting and will be surrounded by straw bales and/or silt fencing to prevent runoff. The polyethylene will be adequately secured to prevent damage or loss by wind or other elements. In the event of extreme weather conditions, additional actions will be taken to ensure appropriate containment of stockpiled soil. Surface water runoff will be directed away from the stockpile to prevent erosion and deterioration of materials.

6.1.4 Noise Protection

Protection against the effects of noise exposure will be provided when the sound levels exceed those limits as established by 29 CFR 1929.52 (Occupational Noise Exposure Standards). Each contractor or party will be responsible for the hearing protection of its employees.

6.2 Field Screening Associated with Soil Removal

Field screening of soil will be conducted by environmental oversight personnel as part of the RAM to monitor soil conditions and excavation progress.

6.2.1 Jar-Headspace Field Screening of Soils

VOCs are not contaminants of potential concern for Site soil targeted by this RAM Plan. As a precaution, soil samples will be periodically screened via the MassDEP jar-headspace method for the potential presence of VOCs based on professional judgment.

6.3 Air Monitoring

On-site air monitoring will be conducted by environmental oversight personnel to evaluate Site working conditions to minimize exposures to workers and nearby residents, as well as to collect and record data on general conditions.

6.3.1 Instrumented Air Monitoring for Dust

Air monitoring will be performed using a combination of real-time dust monitoring upwind and downwind of the work area, and at a point near the closest receptor. When impacted soils are encountered during RAM-related impacted soil excavation and management activities, field screening of breathing zone dust levels will be conducted using direct reading instruments that are designed to monitor air quality on a real-time basis. A second instrument will be used to monitor dust levels downwind of the excavation. A third dust monitor will be placed towards the nearest receptor, regardless of wind direction.

The dust monitoring units will be TSI Dustrak™ units, or equivalent, equipment with size-selective inlet for particles of 10 micrometers in diameter or less (PM_{10}). Background samples will be collected for at least 15 minutes at each location prior to the start of site activities. The continuous dust monitor uses a light scattering photometer to quantify particles and converts the counts to a concentration in units of milligrams per cubic meter (mg/m^3). This instrumentation has an accuracy of 0.001 mg/m^3. The dust monitoring instruments will be placed in weatherproof cases with an omni-directional probe to minimize wind interference. The dust monitoring instruments will be zeroed daily before use and at the end of the day. Data will be logged at 60-second intervals and will be monitored periodically by field personnel during RAM-related excavation activities. Data will be downloaded daily.

If sustained ambient dust levels exceed the EPA National Ambient Air Quality Standard (NAAQS) of 150 $\mu g/m^3$, or possible more stringent action levels in the HASP, at downwind sampling locations (a sustained reading would consist of a reading lasting 15 minutes or longer), dust suppression activities will be increased with a greater usage of water sprays. Monitoring levels are subject to change and may be made more stringent as additional soil data are obtained and evaluated.

As noted in Section 4.2.6, during activities that involve the movement or other disturbance of potentially impacted soil, dust suppression consisting of water sprays will be routinely implemented, and potential fugitive dust emissions will be monitored simultaneously. Increased water sprays (e.g., additional hoses and/or water volume) will be implemented based on visual observations of effectiveness and instrumented monitoring. Where wind conditions are present that render dust suppression ineffective based on instrument readings and/or visual observations (based on the professional judgment of environmental oversight personnel), those activities will be suspended until favorable wind conditions resume/return or dust suppression suitable for the conditions can be reliably implemented.

6.3.2 Instrumented VOC Air Monitoring

VOC air monitoring will be performed using a photo-ionization detector (PID) to monitor for the presence of VOCs within the work area breathing zone. Based on previously existing site data, significant VOC emissions are not expected during construction, but field monitoring of the breathing zone for VOCs will be conducted as a precaution.

Instrument readings from breathing zones within the work zone will be used to help evaluate the need for instituting additional safety measures or upgrading personal protective equipment (PPE) levels.

6.3.3 Instrumented Metrological Monitoring

A portable digital meteorological station will be deployed during the execution of the RAM to monitor and record temperature, wind speed and direction, wind chill, daily and accumulated rainfall, barometric pressure, humidity, and dew point. These data will be collected continuously and downloaded for record preservation regularly. Field oversight personnel will also periodically manually record instrument readings during the progress of the work to monitor field conditions and provide a basis for checking the recorded data. Conditions at the time of a

weather-related suspension of field activities (e.g., excessive winds impacting the effectiveness of dust suppression) will also be recorded manually and checked against the data recorded by the instrument.

7.0 FEDERAL, STATE & LOCAL PERMITS

7.1 Federal Permit Requirements

Stormwater permitting/planning will be managed per Federal and State requirements.

7.2 State Permit Requirements

Stormwater permitting/planning will be managed per Federal and State requirements. Management of recycled pavement will be per State solid waste regulations and associated policies (i.e., ABC).

7.3 Local Permit Requirements

A wetland abuts the on-site paved area to the north in HS-8, to the east of the Hetland Memorial Skating Rink, on a parcel of land owned by the Commonwealth of Massachusetts. A portion of the paved area is located within the 100-foot buffer zone and is therefore, subject to regulation under the Wetlands Protection Act (WPA), 310 CMR 10.00. TRC will consult with the Conservation Commission as to required permitting and notification needs. If determined to be required, a Request for Determination of Applicability will be prepared and submitted to the New Bedford Conservation Commission. Or if required, a Notice of Intent (NOI) will be prepared and submitted to the New Bedford Conservation Commission.

There are no other known Local environmental permit requirements. Implementation of the ABC recycling policy will require notice to the health department.

7.4 Miscellaneous Fees, Notices, and Transportation Documentation

Because the Site is not Tier Classified under the MCP, an $800 RAM Plan fee must be submitted to MassDEP concurrent with this RAM Plan. The $800 fee has been submitted to the MassDEP lock box at DEP, P.O. Box 4062, Boston, MA, 02211-4062. Appendix C contains a copy of the check for the RAM Plan fee for documentation purposes.

Massachusetts Dig-Safe must be notified at least 72 hours prior to commencing the excavation activities described in this RAM Plan. The City or City's contractor will be responsible for construction/refurbishment related Dig-safe notifications.

All soil material that is transported from the Site must be transported under a MassDEP BOL that contains the signature and seal of the LSP of record for the site, or under a MSR or hazardous waste manifest as appropriate.

8.0 SEAL & SIGNATURE OF LICENSED SITE PROFESSIONAL

The Licensed Site Professional (LSP) overseeing this RAM is:

David M. Sullivan, LSP, CHMM
LSP License Number: 1488
TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854
(978) 656-3565

This RAM Plan has been prepared in accordance with 310 CMR 40.0444 as set forth in the MCP.

David M. Sullivan

David M. Sullivan, LSP, CHMM
TRC Environmental Corporation
Licensed Site Professional No. 1488

4/8/2011

Date

Stamp

9.0 CERTIFICATION OF FINANCIAL RESOURCES

In accordance with 310 CMR 40.0442(5) of the MCP, the City of New Bedford attests to the availability of sufficient financial resources for the excavation, management, transportation, and recycling or disposal of excess and unsuitable soil.

10.0 OTHER RELEVANT INFORMATION

10.1 Public Involvement

As required by 310 CMR 40.1403(3)(d), the Mayor and the Board of Health for the City of New Bedford were notified in writing of the proposed RAM activities. Copies of the notification letters that were sent to the Mayor and Board of Health are provided in Appendix D.

Citizens had a 30-day public comment period during which they were welcome to submit questions and comments about this RAM plan to the City for consideration. The City prepared written responses to the questions and comments received, and the City provided a copy of those responses to both citizens and MassDEP before the plan was finalized and submitted to MassDEP.

11.0 REFERENCES

MassGIS, 2008 Massachusetts Geographic Information System (MassGIS), On-line MassDEP Priority Resource Map. Accessed July 28, 2008. http://maps.massgis.state.ma.us/21e/viewer.htm

MassDEP, 1997 COMM#97-001 *Reuse and Disposal of Contaminated Soils and Sediments at Massachusetts Landfills*.

MassDEP, 2002 *Technical Update – Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil.* Prepared by the Massachusetts Department of Environmental Protection (MassDEP) Office of Research and Standards. May 2002.

Oliveira, 2009 Personal Correspondence between R. Niles of TRC and L. Oliveira of the New Bedford School Department, May 11, 2009.

TRC 2009a *Release Abatement Measure Plan, Contaminated Soil Removal at the Walsh Field Athletic Complex, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. October 2009

TRC 2009b *Interim Phase II Comprehensive Site Assessment, Parker Street Waste Site, New Bedford High School and Dr. Paul F. Walsh Memorial Field, New Bedford, Massachusetts.* Release Tracking Number 4-15685. Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts, July 2009.

TRC 2010a *Release Abatement Measure Plan, Soil Removal at Sample Location HF-31, New Bedford High School, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. September 2010

TRC 2010b *Immediate Response Action Status Report, New Bedford High School Substantial Release Migration/Critical Exposure Pathway, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. November 2010

TRC 2011 *Phase II Comprehensive Site Assessment, New Bedford High School Campus at the Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. January 2011

TABLES

TABLE 3-1
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Children's Playground Area (Exposure Point Area HS-1)
New Bedford, Massachusett

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: PG-1	PG-2	PG-2A	PG-3	PG-3	PG-4	PG-5	PG-6	PG-6	SS-63	SS-64	SS-65
								Sample Depth (ft.): 0-0.5	0-0.5	1-3	0-0.5	0.5-1.5	0-0.5	0-0.5	0-0.5	0.5-3	0-0.5	0-0.5	0-0.5
								Sample Date: 2/22/2006	2/22/2006	4/7/2009	2/22/2006	2/22/2006	2/22/2006	2/22/2006	2/22/2006	2/22/2006	12/15/2008	12/15/2008	12/15/2008
Metals																			
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	NA	2.78 U	NA	**1.22**	NA	NA	NA	**0.786**	3.02 U	4.64 U	3.75 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**7.39**	NA	**43**	NA	NA	NA	**4.93**	**15.5**	**18.8**	**41.2**
	Cadmium	2	2	30	30	2	N/A	NA	NA	0.28 U	NA	**0.36**	NA	NA	NA	0.36 U	0.31 U	0.47 U	0.38 U
	Chromium	30	30	200	200	30	N/A	NA	NA	**2.74**	NA	**26**	NA	NA	NA	**1.72**	**3.84**	**5.45**	**8.43**
	Lead	300	300	300	300	300	N/A	NA	NA	**3.64**	NA	**3.24**	NA	NA	NA	**2.93**	**6.35**	**15.7**	**16.9**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.02**	**4.51**	**10.4**
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**7.21**	**9.28 U**	**11.9**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**26.0**	**27.6**	**32.3**

Notes:

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.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: HRA30	HRE-29		HRF-30	HRF-30A	HRG23	HRG25		HRG27		HRG29
								Sample Depth (ft.): 0.75-1	0.67-1	1-3	1-2	1-3	2.5-3	0.5-3	1-3	0.5-3	1-3	0.75-1
								Sample Date: 2/22/2006	2/22/2006	4/7/2009	2/22/2006	4/7/2009	2/21/2006	2/21/2006	4/7/2009	2/21/2006	4/7/2009	2/22/2006
VOCs																		
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	**0.55**	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	**0.18**	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	**0.15**	NA	NA	NA	NA
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	NA	NA	NA	NA	NA	NA	0.062 U	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	0.062 U	NA	NA	NA	NA
PAHs																		
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	0.190 U	NA	0.188 U	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**0.193**	NA	0.188 U	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**0.658**	NA	0.188 U	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**1.86**	NA	0.188 U	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**1.73**	NA	0.188 U	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**1.85**	NA	0.188 U	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**1.02**	NA	0.188 U	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**0.710**	NA	0.188 U	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**2.36**	NA	0.188 U	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**0.321**	NA	0.188 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.183 U	NA	0.230	NA	NA	**3.11**	NA	0.188 U	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**0.386**	NA	0.188 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	**1.26**	NA	0.188 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	0.190 U	NA	0.188 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.183 U	NA	0.191 U	NA	NA	0.190 U	NA	0.188 U	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	0.183 U	NA	0.234	NA	NA	**4.38**	NA	0.188 U	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.183 U	NA	0.370	NA	NA	**4.37**	NA	0.188 U	NA
PCBs																		
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.99**	**0.82**	0.0527 U	**1.1**	**0.234 J**	0.16 U	**0.30**	0.0559 U	**3.79**	0.0548 U	**0.64**
	Aroclor 1260	2	2	3	3	2	1	**0.94**	0.028 U	0.0527 U	0.029 U	0.0539 U	0.16 U	0.13 U	0.0559 U	0.11 U	0.0548 U	0.11 U
	Total PCBs	2	2	3	3	2	1	**1.93**	**0.82**	0.0527 U	**1.1**	**0.234 J**	0.31 U	**0.3**	0.0559 U	**3.79**	0.0548 U	**0.64**
PCB Homologs																		
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	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	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	2.74 U	NA	2.86 U	NA	NA	**9.74**	NA	2.81 U	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**6.64**	NA	11.1	NA	NA	**74.8**	NA	**15.2**	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	0.28 U	NA	0.29 U	NA	NA	**0.53**	NA	0.29 U	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	**1.96**	NA	2.13	NA	NA	**8.61**	NA	**2.84**	NA
	Lead	300	300	300	300	300	N/A	NA	NA	**3.51**	NA	5.77	NA	NA	**315**	NA	**7.06**	NA
	Nickel	20	20	700	700	20	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
	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
GRO																		
(mg/kg)	Gasoline Range Organics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	**17.3**	**17.3**	NA	NA	NA

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.
NS - No standard available 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.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards..
VOCs - Volatile Organic Compounds.
PAHs - Polynuclear Aromatic Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
GRO - Gasoline Range Organics.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
- sample location to be excavated.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	HRG-29 1-3 4/7/2009	HRG-29 1-3 4/7/2009 Field Dup	HRI23 2-3 2/21/2006	HRI27 1.25-3 2/21/2006	HRI29 1.5-3 2/21/2006	HRJ-26 2.5-4 2/21/2006	HRJ-30 2-3.5 2/21/2006	NBHS-SS-7 0-0.5 8/6/2008	SB-366 1 2/26/2009	SB-366 1-3 2/26/2009	SB-366 4 2/26/2009	SB-366 7 2/26/2009
VOCs																			
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	0.36 U	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	N/A	NA	NA	NA	NA	0.14 U	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	**0.26**	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	NA	NA	NA	NA	**0.17**	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A	NA	NA	NA	NA	**0.21**	NA	NA	NA	NA	NA	NA	NA
PAHs																			
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.191 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.191 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.191 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.511**	**0.540**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.528**	**0.472**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.571**	**0.452**	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	**0.506**	**0.389**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**0.222**	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**0.572**	**0.602**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.191 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.782**	**0.701**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.191 U	0.188 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.548**	**0.418**	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.191 U	0.188 U	NA	NA	**0.260**	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.768**	**0.788**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**1.28**	**1.31**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																			
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	0.0561 U	0.0578 U	0.14 U	0.11 U	0.12 U	**0.25**	**0.25**	**0.102 J**	**0.282 J**	**0.238 J**	0.0587 U	0.220 UJ
	Aroclor 1260	2	2	3	3	2	1	0.0561 U	0.0578 U	0.14 U	0.11 U	0.12 U	**0.27**	**0.17**	0.0567 U	0.0632 U	**0.107 J**	0.0587 U	0.220 UJ
	Total PCBs	2	2	3	3	2	1	0.0561 U	0.0578 U	0.28 U	0.22 U	0.25 U	**0.52**	**0.42**	**0.102 J**	**0.282 J**	**0.345 J**	0.0587 U	0.220 UJ
PCB Homologs																			
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	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	NA	NA	**0.051**	**0.016**	**0.420**	**0.134**
	Arsenic	20	20	20	20	20	N/A	2.86 U	2.81 U	NA	NA	NA	NA	NA	NA	**3.68**	2.68 U	**12.0**	9.97 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**29.6**	**26.4**	NA	NA	NA	NA	NA	NA	**40.4**	**21.7**	**783**	**153**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.33 U	0.27 U	**0.64**	1.00 U
	Cadmium	2	2	30	30	2	N/A	0.29 U	0.29 U	NA	NA	NA	NA	NA	NA	0.33 U	0.27 U	**9.17**	1.00 U
	Chromium	30	30	200	200	30	N/A	**11.0**	**3.90**	NA	NA	NA	NA	NA	NA	**19.3**	**2.77**	**44.3**	**3.27**
	Lead	300	300	300	300	300	N/A	**84.2**	**56.2**	NA	NA	NA	NA	NA	NA	**28.3**	**37.5**	**2,360**	**56.2**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**8.83**	**2.57**	**15.7**	**14.4**
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.66 U	0.54 U	0.60 U	2.00 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**18.4**	5.35 U	**23.2**	20.0 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	NA	NA	**33.7**	**28.2**	**958**	**375**
GRO																			
(mg/kg)	Gasoline Range Organics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**9.4**	NA	NA	NA	NA	NA	NA	NA

Notes:

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NA - Sample not analyzed for the listed analyte.

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PCBs - Polychlorinated Biphenyls.

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RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

- sample location to be excavated.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-367				SS-9	SS-10		SS-11	SS-11		SS-12		SS-13		SS-14	
		Sample Depth (ft.):						1	1-3	5-6	8-9	0-0.5	0-0.5	0.5-1	0-0.5	0.5	2	0.5	2	0.5	1.5	0.5	2
		Sample Date:						2/26/2009	2/26/2009	2/26/2009	2/26/2009	7/23/2001	7/23/2001	7/23/2001	7/23/2001	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																
VOCs																							
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	N/A	NA	NA	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	NA	NA
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																							
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.197**	0.205 U	0.178 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.329**	0.205 U	0.178 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**1.21**	0.205 U	0.178 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.308**	0.180 U	0.177 U	0.202 U	**3.40**	0.205 U	**0.210**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.299**	0.180 U	0.177 U	0.202 U	**2.16**	0.205 U	**0.217**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.292**	0.180 U	0.177 U	0.202 U	**2.41**	0.205 U	**0.186**
	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	0.173 U	**0.257**	0.180 U	0.177 U	0.202 U	**1.20**	0.205 U	**0.200**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**1.73**	0.205 U	0.178 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.313**	0.180 U	0.177 U	0.202 U	**2.55**	0.205 U	**0.212**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.240**	0.205 U	0.178 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.627**	**0.309**	0.177 U	**0.218**	**6.71**	0.205 U	**0.431**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	**0.442**	0.205 U	0.178 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.255**	0.180 U	0.177 U	0.202 U	**1.57**	0.205 U	**0.181**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	0.180 U	0.205 U	0.178 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	0.182 U	0.180 U	0.177 U	0.202 U	0.180 U	0.205 U	0.178 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.673**	**0.193**	0.177 U	0.202 U	**5.85**	0.205 U	**0.280**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.173 U	**0.725**	**0.330**	0.177 U	0.202 U	**5.53**	0.205 U	**0.428**
PCBs																							
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.1160 J**	**0.0687 J**	0.0698 U	0.140 U	0.100 U	**0.111**	**0.116**	0.100 U	0.0500 U	**0.497 J**	**0.491 J**	0.0511 U	**0.0978 J**	**1.15 J**	0.0575 U	**0.945 J**
	Aroclor 1260	2	2	3	3	2	1	0.0567 U	0.0552 U	0.0698 U	0.140 U	0.100 U	0.100 U	0.100 U	0.100 U	0.0500 U	**0.101 J**	**0.188 J**	0.0511 U	**0.0629 J**	**0.795 J**	0.0575 U	0.0522 U
	Total PCBs	2	2	3	3	2	1	**0.116 J**	**0.0687 J**	0.0698 U	0.140 U	0.100 U	**0.111**	**0.116**	0.100 U	0.0500 U	**0.598 J**	**0.679 J**	0.0511 U	**0.1607 J**	**1.945 J**	0.0575 U	**0.945 J**
PCB Homologs																							
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																							
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.093**	**0.064**	**0.092**	0.034 U	0.08 U	**0.09**	**0.19**	0.07 U	0.015 U	**0.087**	**0.031**	0.019 U	**0.061**	**0.368**	**0.050**	**0.127**
	Arsenic	20	20	20	20	20	N/A	3.06 U	2.70 U	**22.1**	4.18 U	**2.06**	**1.61**	**2.29**	**1.85**	2.59 U	**2.87**	2.69 U	2.65 U	3.03 U	**3.87**	**4.46**	2.66 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**41.8**	**29.7**	**382**	**14.6**	**18**	**19**	**23**	**27**	5.18 U	**84.3**	**9.17**	**11.9**	**19.5**	**77.6**	**88.2**	**53.0**
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.27 U	**0.61**	0.42 U	NA	NA	NA	NA	0.26 U	0.28 U	0.27 U	0.27 U	0.31 U	0.27 U	0.31 U	0.27 U
	Cadmium	2	2	30	30	2	N/A	**0.38**	0.27 U	**0.70**	0.42 U	0.40 U	0.35 U	**0.42**	0.33 U	0.26 U	**0.43**	0.27 U	0.27 U	0.31 U	**0.74**	**1.09**	**0.36**
	Chromium	30	30	200	200	30	N/A	**10.0**	**4.19**	**27.2**	**7.33**	**5.03**	**4.13**	**5.28**	**9.76**	**2.02**	**9.51**	**2.58**	**1.92**	**5.74**	**13.0**	**15.6**	**5.27**
	Lead	300	300	300	300	300	N/A	**65.0**	**36.1**	**425**	**2.91**	**27**	**43**	0.35 U	**16**	**1.86**	**137**	**42.9**	**4.03**	**43.2**	**338**	**363**	**58.8**
	Nickel	20	20	700	700	20	N/A	**4.27**	**3.31**	**49.3**	**6.13**	NA	NA	NA	NA	**1.52**	**5.15**	**1.53**	**2.07**	**3.04**	**8.23**	**10.0**	**3.98**
	Silver	100	100	200	200	100	N/A	0.62 U	0.54 U	0.70 U	0.84 U	0.40 U	0.35 U	0.35 U	0.33 U	0.52 U	**0.85**	0.54 U	0.53 U	**0.86**	**1.16**	**1.31**	**0.86**
	Vanadium	600	600	1,000	1,000	600	N/A	**11.4**	5.40 U	**56.1**	**8.36**	NA	NA	NA	NA	5.18 U	**7.30**	5.38 U	5.30 U	**10.3**	**14.9**	**18.7**	**5.70**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**50.5**	**25.1**	**323**	**25.8**	NA	NA	NA	NA	**4.57**	**67.9**	**19.7**	**14.2**	**38.4**	**129**	**151**	**64.0**
GRO																							
(mg/kg)	Gasoline Range Organics	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	NA	NA

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New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: SS-15 Sample Depth (ft.): 0.5 Sample Date: 8/6/2008	SS-15 2 8/6/2008	SS-16 0.5 8/6/2008	SS-16 1 8/6/2008	SS-16 2 8/6/2008	SS-17 0.5 8/6/2008	SS-17 1.5 8/6/2008	SS-18 0.5 8/6/2008	SS-18 2 8/6/2008	SS-19 0.5 8/7/2008	SS-19 1 8/7/2008	SS-19 2 8/7/2008
VOCs																			
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	N/A	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
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																			
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	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	0.176 U	0.933 U	0.170 U
	Acenaphthylene	600	10	600	10	1	N/A	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	0.176 U	0.933 U	0.170 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	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	0.176 U	**0.964**	0.170 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	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	0.176 U	**2.15**	0.170 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	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	0.176 U	**1.89**	0.170 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	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	0.176 U	**2.24**	0.170 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	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	0.176 U	**1.43**	0.170 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	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	0.176 U	0.933 U	0.170 U
	Chrysene	70	70	400	400	70	N/A	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	0.176 U	**2.13**	0.170 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	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	0.176 U	0.933 U	0.170 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	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	0.176 U	**5.06**	0.170 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	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	0.176 U	0.933 U	0.170 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	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	0.176 U	**1.51**	0.170 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	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	0.176 U	0.933 U	0.170 U
	Naphthalene	40	500	40	1,000	4	N/A	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	0.176 U	0.933 U	0.170 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	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	0.176 U	**4.42**	0.170 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	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	0.176 U	**4.48**	0.170 U
PCBs																			
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	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	0.0512 U	**4.93 J**	0.0500 U
	Aroclor 1260	2	2	3	3	2	1	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	0.0512 U	0.166 U	0.0500 U
	Total PCBs	2	2	3	3	2	1	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	0.0512 U	**4.93 J**	0.0500 U
PCB Homologs																			
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	**0.32**	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	**1.0**	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	**0.036 J**	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	**3.5**	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
(mg/kg)	Mercury	20	20	30	30	20	N/A	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	0.020 U	**0.616**	**0.017**
	Arsenic	20	20	20	20	20	N/A	**4.36**	2.66 U	**4.75**	**5.70**	2.58 U	**4.87**	2.61 U	**4.61**	2.56 U	**4.23**	**8.07**	2.55 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**167**	**15.9**	**209**	**130**	**7.08**	**202**	**11.3**	**181**	**6.92**	**204**	**437**	**11.2**
	Beryllium	100	100	200	200	100	N/A	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	0.27 U	0.28 U	**0.47**
	Cadmium	2	2	30	30	2	N/A	**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	0.27 U	**5.29**	0.26 U
	Chromium	30	30	200	200	30	N/A	**54.6**	**2.34**	**58.6**	**15.4**	**2.09**	**54.9**	**2.85**	**59.0**	**1.94**	**68.1**	**30.2**	**2.24**
	Lead	300	300	300	300	300	N/A	**0.97**	**13.7**	0.81 U	**342**	**4.07**	0.81 U	**2.78**	**0.87**	**2.31**	**4.02**	**671**	**4.41**
	Nickel	20	20	700	700	20	N/A	**33.6**	**2.25**	**29.1**	**10.0**	**1.87**	**23.3**	**2.12**	**25.1**	**2.42**	**30.9**	**21.4**	**2.70**
	Silver	100	100	200	200	100	N/A	**5.35**	**0.54**	**3.05**	**1.36**	0.52 U	**2.07**	0.53 U	**1.11**	**0.98**	**4.93**	**5.89**	**1.38**
	Vanadium	600	600	1,000	1,000	600	N/A	**39.1**	5.31 U	**49.2**	**14.1**	5.16 U	**48.0**	5.22 U	**47.2**	5.12 U	**50.3**	**24.6**	5.10 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**24.0**	**14.9**	**30.0**	**190**	**6.75**	**30.4**	**8.27**	**30.5**	**7.51**	**49.6**	**562**	**9.06**
GRO																			
(mg/kg)	Gasoline Range Organics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	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).
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No standard available 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.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards..
VOCs - Volatile Organic Compounds.
PAHs - Polynuclear Aromatic Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
GRO - Gasoline Range Organics.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
- sample location to be excavated.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	SS-20				SS-21		SS-22		SS-23		SS-24		
								Sample Depth (ft.):	0.5	1	1	2	0.5	2	0.5	1.5	0.5	2	0.5	1.5	1-3
								Sample Date:	8/7/2008	8/7/2008	8/7/2008 Field Dup	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	3/31/2009
		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		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	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
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																					
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**1.93**	0.191 U	0.181 U	0.196 U	0.176 U	0.198 U	0.184 U	**0.920**
	Acenaphthylene	600	10	600	10	1	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	0.181 U	0.191 U	0.181 U	0.196 U	0.176 U	0.198 U	0.184 U	**2.40**
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**3.19**	0.191 U	**0.182**	0.196 U	0.176 U	0.198 U	0.184 U	**4.11**
	Benzo(a)anthracene	7	7	40	40	7	N/A		0.178 U	**0.473**	**0.228**	0.173 U	**0.398**	**4.16**	0.191 U	**0.789**	0.196 U	0.176 U	0.198 U	0.184 U	**6.33**
	Benzo(a)pyrene	2	2	4	4	2	N/A		0.178 U	**0.458**	**0.207**	0.173 U	**0.381**	**3.93**	0.191 U	**0.749**	0.196 U	0.176 U	0.198 U	0.184 U	**5.28**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A		0.178 U	**0.553**	**0.245**	0.173 U	**0.453**	**4.01**	0.191 U	**0.843**	0.196 U	0.176 U	0.198 U	0.184 U	**6.09**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A		0.178 U	**0.394**	0.183 U	0.173 U	**0.303**	**3.13**	0.191 U	**0.508**	0.196 U	0.176 U	0.198 U	0.184 U	**2.47**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A		0.178 U	**0.202**	0.183 U	0.173 U	0.201 U	**1.66**	0.191 U	**0.325**	0.196 U	0.176 U	0.198 U	0.184 U	**2.42**
	Chrysene	70	70	400	400	70	N/A		0.178 U	**0.460**	**0.185**	0.173 U	**0.404**	**4.05**	0.191 U	**0.795**	0.196 U	0.176 U	0.198 U	0.184 U	**5.98**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**0.722**	0.191 U	0.181 U	0.196 U	0.176 U	0.198 U	0.184 U	**0.780**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A		0.178 U	**0.984**	**0.521**	0.173 U	**0.826**	**10.3**	0.191 U	**1.31**	0.196 U	0.176 U	**0.266**	0.184 U	**12.1**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**1.37**	0.191 U	0.181 U	0.196 U	0.176 U	0.198 U	0.184 U	**3.20**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A		0.178 U	**0.425**	0.183 U	0.173 U	**0.334**	**3.41**	0.191 U	**0.585**	0.196 U	0.176 U	0.198 U	0.184 U	**3.35**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**0.392**	0.191 U	0.181 U	0.196 U	0.176 U	0.198 U	0.184 U	**1.52**
	Naphthalene	40	500	40	1,000	4	N/A		0.178 U	0.185 U	0.183 U	0.173 U	0.201 U	**0.658**	0.191 U	0.181 U	0.196 U	0.176 U	0.198 U	0.184 U	**2.55**
	Phenanthrene	500	500	1,000	1,000	10	N/A		0.178 U	**0.541**	**0.283**	0.173 U	**0.610**	**11.2**	0.191 U	**0.853**	0.196 U	0.176 U	0.198 U	0.184 U	**18.9**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A		0.178 U	**1.03**	**0.470**	0.173 U	**0.897**	**11.2**	**0.209**	**1.43**	0.196 U	0.176 U	**0.278**	0.184 U	**11.1**
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.0519 U	**0.307 J**	**0.500 J**	0.0502 U	**0.486 J**	**0.269 J**	0.0543 U	**0.654 J**	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0599 U
	Aroclor 1260	2	2	3	3	2	1		0.0519 U	0.0541 U	0.0517 U	0.0502 U	0.0564 U	0.0523 U	0.0543 U	**0.142 J**	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0599 U
	Total PCBs	2	2	3	3	2	1		0.0519 U	**0.307 J**	**0.500 J**	0.0502 U	**0.486 J**	**0.269 J**	0.0543 U	**0.796 J**	0.0590 U	0.0522 U	0.0545 U	0.0524 U	0.0599 U
PCB Homologs																					
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	N/A		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		0.026 U	**0.081**	**0.086**	0.019 U	**0.117**	**0.021**	**0.050**	**0.263**	**0.044**	0.020 U	**0.056**	0.022 U	NA
	Arsenic	20	20	20	20	20	N/A		**4.65**	**3.13**	**3.36**	2.59 U	**4.51**	2.72 U	**3.80**	**4.12**	**3.55**	2.64 U	**3.19**	2.76 U	**7.05**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A		**244**	**44.1**	**56.2**	**9.38**	**56.4**	**14.9**	**36.4**	**174**	**39.2**	**9.27**	**22.2**	**14.4**	**277**
	Beryllium	100	100	200	200	100	N/A		0.27 U	0.28 U	0.28 U	0.26 U	0.31 U	0.28 U	0.29 U	0.28 U	0.30 U	0.27 U	0.30 U	0.28 U	NA
	Cadmium	2	2	30	30	2	N/A		0.27 U	**0.53**	**2.74**	0.26 U	**0.89**	0.28 U	0.29 U	**1.74**	0.30 U	0.27 U	0.30 U	0.28 U	**1.28**
	Chromium	30	30	200	200	30	N/A		**66.7**	**10.6**	**14.1**	**2.15**	**17.6**	**3.09**	**14.7**	**11.8**	**16.7**	**2.11**	**8.84**	**2.41**	**11.9**
	Lead	300	300	300	300	300	N/A		**1.75**	**77.7**	**79.6**	**2.82**	**115**	**19.1**	**36.1**	**355**	**21.9**	**3.50**	**31.5**	**9.45**	**401**
	Nickel	20	20	700	700	20	N/A		**29.5**	**6.58**	**8.95**	**2.41**	**9.71**	**3.39**	**8.27**	**9.98**	**9.02**	**2.57**	**6.17**	**2.79**	NA
	Silver	100	100	200	200	100	N/A		**5.31**	**2.44**	**3.01**	**1.07**	**4.36**	**1.31**	**2.78**	**3.11**	**2.56**	**1.04**	**1.91**	**1.17**	NA
	Vanadium	600	600	1,000	1,000	600	N/A		**59.3**	**14.6**	**16.1**	5.17 U	**19.6**	5.43 U	**19.9**	**11.6**	**20.3**	5.28 U	**14.3**	5.52 U	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A		**39.4**	**48.1**	**80.3**	**8.34**	**84.4**	**23.4**	**33.2**	**174**	**25.1**	**7.90**	**21.8**	**17.1**	NA
GRO																					
(mg/kg)	Gasoline Range Organics	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

Notes:
All units in mg/kg unless otherwise specified.
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J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
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PCBs - Polychlorinated Biphenyls.
GRO - Gasoline Range Organics.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
[redacted] - sample location to be excavated.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	SS-25		SS-26			SS-27			SS-28			SS-29	
								Sample Depth (ft.):	0.5	1.5	0.5	1.5	2	0.5	2	1-3	0.5	1.5	1.5	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	3/31/2009	8/7/2008	8/7/2008	8/7/2008 Field Dup	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														
VOCs																					
(mg/kg)	Acetone	50	400	50	400	6.0	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	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
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																					
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A		0.200 U	0.189 U	0.204 U	**0.652**	0.176 U	0.188 U	0.196 U	0.200 U	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U
	Acenaphthylene	600	10	600	10	1	N/A		0.200 U	0.189 U	0.204 U	**0.271**	0.176 U	0.188 U	0.196 U	0.200 U	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A		0.200 U	0.189 U	0.204 U	**2.23**	0.176 U	0.188 U	0.196 U	**0.224**	0.203 U	0.189 U	**0.214**	0.200 U	0.208 U
	Benzo(a)anthracene	7	7	40	40	7	N/A		0.200 U	**0.216**	0.204 U	**3.86**	0.176 U	0.188 U	**0.273**	**1.44**	**0.394**	**0.626**	**0.721**	0.200 U	0.208 U
	Benzo(a)pyrene	2	2	4	4	2	N/A		0.200 U	**0.214**	0.204 U	**3.09**	0.176 U	0.188 U	**0.254**	**1.26**	**0.372**	**0.599**	**0.657**	0.200 U	0.208 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A		0.200 U	0.189 U	0.204 U	**3.10**	0.176 U	0.188 U	**0.298**	**1.85**	0.203 U	**0.639**	**0.724**	0.200 U	0.208 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A		0.200 U	0.189 U	0.204 U	**2.49**	0.176 U	0.188 U	0.196 U	**0.712**	**0.352**	**0.461**	**0.463**	0.200 U	0.208 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A		0.200 U	0.189 U	0.204 U	**1.26**	0.176 U	0.188 U	0.196 U	**0.640**	0.203 U	**0.224**	**0.265**	0.200 U	0.208 U
	Chrysene	70	70	400	400	70	N/A		0.200 U	**0.237**	0.204 U	**3.53**	0.176 U	0.188 U	**0.291**	**1.67**	**0.378**	**0.635**	**0.734**	0.200 U	0.208 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A		0.200 U	0.189 U	0.204 U	**0.675**	0.176 U	0.188 U	0.196 U	**0.204**	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A		0.200 U	**0.353**	0.204 U	**8.39**	0.176 U	0.188 U	**0.549**	**2.76**	**0.670**	**1.11**	**1.43**	0.200 U	0.208 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A		0.200 U	0.189 U	0.204 U	**1.07**	0.176 U	0.188 U	0.196 U	0.200 U	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A		0.200 U	0.189 U	0.204 U	**2.83**	0.176 U	0.188 U	**0.243**	**0.965**	**0.382**	**0.541**	**0.540**	0.200 U	0.208 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A		0.200 U	0.189 U	0.204 U	**0.487**	0.176 U	0.188 U	0.196 U	0.200 U	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U
	Naphthalene	40	500	40	1,000	4	N/A		0.200 U	0.189 U	0.204 U	**0.584**	0.176 U	0.188 U	0.196 U	0.200 U	0.203 U	0.189 U	0.195 U	0.200 U	0.208 U
	Phenanthrene	500	500	1,000	1,000	10	N/A		0.200 U	0.189 U	0.204 U	**8.55**	0.176 U	0.188 U	**0.350**	**1.54**	**0.640**	**0.781**	**1.01**	0.200 U	0.208 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A		0.200 U	**0.412**	0.204 U	**7.93**	0.176 U	0.188 U	**0.521**	**2.75**	**0.729**	**1.09**	**1.28**	0.200 U	0.208 U
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.0592 U	**0.208 J**	0.0567 U	**1.31 J**	0.0519 U	**0.0882 J**	**0.462 J**	**0.197 J**	**4.19 J**	**2.25 J**	**0.576 J**	0.0578 U	**0.187 J**
	Aroclor 1260	2	2	3	3	2	1		0.0592 U	**0.0772 J**	0.0567 U	**0.343 J**	0.0519 U	0.0564 U	**0.175 J**	0.0537 U	0.110 U	0.0537 U	0.0582 U	0.0578 U	**0.245 J**
	Total PCBs	2	2	3	3	2	1		0.0592 U	**0.2852 J**	0.0567 U	**1.653 J**	0.0519 U	**0.0882 J**	**0.637 J**	**0.197 J**	**4.19 J**	**2.25 J**	**0.576 J**	0.0578 U	**0.432 J**
PCB Homologs																					
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	0.027 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	**0.034**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	0.027 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	0.041 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		NA	**0.034**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																					
(mg/kg)	Mercury	20	20	30	30	20	N/A		**0.046**	**0.165**	**0.057**	**1.02**	**0.027**	**0.052**	**0.147**	NA	**0.107**	**0.343**	**0.725**	**0.059**	**0.792**
	Arsenic	20	20	20	20	20	N/A		**3.42**	**3.96**	**3.23**	**7.53**	2.64 U	2.82 U	**3.46**	**5.68**	3.04 U	**5.14**	**5.76**	2.99 U	**8.34**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A		**26.8**	**63.2**	**29.1**	**157**	**14.2**	**19.3**	**151**	**325**	**27.2**	**127**	**108**	**17.1**	**296**
	Beryllium	100	100	200	200	100	N/A		0.30 U	0.29 U	0.31 U	**0.29**	0.27 U	0.29 U	0.30 U	NA	0.31 U	0.29 U	**0.29**	0.30 U	**0.82**
	Cadmium	2	2	30	30	2	N/A		0.30 U	**0.69**	0.31 U	**2.43**	0.27 U	**0.42**	**0.73**	**1.17**	**0.39**	**1.72**	**1.66**	0.30 U	**0.72**
	Chromium	30	30	200	200	30	N/A		**15.7**	**10.5**	**16.9**	**13.5**	**2.24**	**6.33**	**7.85**	**7.09**	**6.99**	**11.5**	**15.8**	**5.19**	**13.0**
	Lead	300	300	300	300	300	N/A		**24.3**	**141**	**21.4**	**537**	**10.4**	**40.3**	**284**	**890**	**64.3**	**372**	**402**	**26.9**	**426**
	Nickel	20	20	700	700	20	N/A		**7.33**	**5.30**	**7.64**	**25.7**	**2.65**	**4.76**	**6.56**	NA	**4.56**	**8.12**	**9.19**	**3.28**	**12.4**
	Silver	100	100	200	200	100	N/A		**1.12**	**0.79**	**1.04**	**2.66**	**1.20**	**1.29**	**0.98**	NA	**0.89**	**1.47**	**1.69**	**0.68**	**1.19**
	Vanadium	600	600	1,000	1,000	600	N/A		**17.0**	**11.2**	**17.1**	**10.7**	5.27 U	**10.1**	**8.33**	NA	**11.1**	**10.4**	**12.6**	**9.87**	**23.4**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A		**24.3**	**140**	**22.7**	**279**	**28.1**	**79.7**	**244**	NA	**41.1**	**185**	**190**	**21.7**	**218**
GRO																					
(mg/kg)	Gasoline Range Organics	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

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.

NS - No standard available 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.

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

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

GRO - Gasoline Range Organics.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

- sample location to be excavated.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	SS-30		SS-31				SS-32			SS-32A		SS-32B	
								Sample Depth (ft.):	0.5	1.5	0.5	2	1-3	1-3	0.5	1.5	1-3	0-1	1-3	0-1	1-3
								Sample Date:	8/7/2008	8/7/2008	8/7/2008	8/7/2008	3/31/2009	3/31/2009	8/7/2008	8/7/2008	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		(b)					Field Dup						
VOCs																					
(mg/kg)	Acetone	50	400	50	400	6.0	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	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
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																					
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A		0.188 U	0.175 U	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	0.195 U	0.185 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A		0.188 U	0.175 U	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	0.195 U	0.185 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A		0.188 U	**0.663**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**0.570**	0.185 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A		0.188 U	**0.965**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**1.44**	**0.204**	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A		0.188 U	**0.758**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**1.27**	**0.202**	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A		0.188 U	**0.751**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**1.47**	**0.240**	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A		0.188 U	**0.454**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**1.11**	0.185 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A		0.188 U	**0.372**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**0.542**	0.185 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A		0.188 U	**0.875**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**1.42**	**0.207**	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A		0.188 U	0.175 U	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**0.312**	0.185 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A		0.188 U	**2.59**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**3.72**	**0.320**	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A		0.188 U	**0.286**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**0.229**	0.185 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A		0.188 U	**0.559**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**1.21**	0.185 U	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A		0.188 U	0.175 U	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	0.195 U	0.185 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A		0.188 U	0.175 U	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**0.218**	0.185 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A		0.188 U	**3.01**	0.195 U	0.212 U	0.189 U	0.192 U	0.203 U	**2.45**	**0.300**	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A		0.188 U	**1.91**	0.195 U	0.212 U	0.189 U	**0.211**	0.203 U	**2.80**	**0.379**	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.0566 U	0.0506 U	**0.0664 J**	0.0592 U	0.0575 U	0.0550 U	**0.103 J**	**18.5 J**	NA	0.0612 U	**0.520 J**	**0.153 J**	0.0583 U
	Aroclor 1260	2	2	3	3	2	1		0.0566 U	0.0506 U	0.0546 U	0.0592 U	0.0575 U	0.0550 U	0.0587 U	0.579 U	NA	0.0612 U	0.0555 U	0.0569 U	0.0583 U
	Total PCBs	2	2	3	3	2	1		0.0566 U	0.0506 U	**0.0664 J**	0.0592 U	0.0575 U	0.0550 U	**0.103 J**	**18.5 J**	NA	0.0612 U	**0.520 J**	**0.153 J**	0.0583 U
PCB Homologs																					
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	N/A		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		**0.047**	**0.018**	**0.057**	**0.233**	NA	NA	**0.064**	**0.743**	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A		2.82 U	2.62 U	**2.99**	**9.18**	**5.55**	**6.09**	**3.66**	**6.46**	2.77 U	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A		**18.2**	**14.9**	**18.6**	**197**	**148**	**124**	**26.9**	**178**	**39.4**	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A		0.29 U	0.27 U	0.30 U	0.32 U	NA	NA	0.31 U	0.30 U	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A		0.29 U	0.27 U	0.30 U	**0.82**	0.29 U	**0.30**	0.31 U	**2.32**	**0.44**	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A		**6.54**	**2.76**	**5.66**	**10.5**	**7.17**	**7.04**	**12.5**	**23.0**	**3.97**	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A		**22.7**	**52.4**	**31.7**	**302**	**137**	**219**	**28.2**	**805**	**96.6**	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A		**4.67**	**3.09**	**6.18**	**12.7**	NA	NA	**7.00**	**16.3**	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A		**2.01**	**1.26**	**1.89**	**3.47**	NA	NA	**2.48**	**3.79**	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A		**12.3**	**5.34**	**11.9**	**25.9**	NA	NA	**18.1**	**17.9**	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A		**21.0**	**28.6**	**26.9**	**93.6**	NA	NA	**27.3**	**271**	NA	NA	NA	NA	NA
GRO																					
(mg/kg)	Gasoline Range Organics	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

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.

NS - No standard available 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.

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

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

GRO - Gasoline Range Organics.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

[redacted] - sample location to be excavated.

TABLE 3-2
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Fenced Playing Field (Exposure Point Area HS-2)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SS-32C		SS-32D			SS-33		SS-34		SS-35		
		Sample Depth (ft.):						0-1	1-3	0-1	0-1	1-3	0.5	2	0.5	2	0.5	1.5	1-3
		Sample Date:						2/27/2009	2/27/2009	2/27/2009	2/27/2009 Field Dup	2/27/2009	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	8/7/2008	3/31/2009
		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane	NS	NS	NS	NS	100	N/A	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
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	400*	20*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																			
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	**0.184**
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.177 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.203 U	**0.350**	0.195 U	0.177 U	0.197 U	**0.420**	**0.510**
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.203 U	**0.704**	0.195 U	0.177 U	0.197 U	**0.764**	**1.15**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	0.203 U	**0.662**	0.195 U	0.177 U	0.197 U	**0.647**	**1.11**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.203 U	**0.711**	0.195 U	0.177 U	0.197 U	**0.653**	**1.17**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.203 U	**0.436**	0.195 U	0.177 U	0.197 U	**0.328**	**0.737**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	0.203 U	**0.281**	0.195 U	0.177 U	0.197 U	**0.276**	**0.407**
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	0.203 U	**0.686**	0.195 U	0.177 U	0.197 U	**0.723**	**1.25**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.177 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.203 U	**1.53**	0.195 U	0.177 U	0.197 U	**1.68**	**2.39**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	**0.208**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	0.203 U	**0.473**	0.195 U	0.177 U	0.197 U	**0.405**	**0.793**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.177 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	0.203 U	0.184 U	0.195 U	0.177 U	0.197 U	0.184 U	0.177 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	0.203 U	**1.27**	0.195 U	0.177 U	0.197 U	**1.74**	**3.21**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	0.203 U	**1.33**	0.195 U	0.177 U	0.197 U	**1.46**	**3.37**
PCBs																			
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.0931 J**	**0.175 J**	**0.229 J**	**0.288 J**	**0.814 J**	**0.103 J**	**0.408 J**	**0.160 J**	0.0525 U	**0.161 J**	**0.472 J**	0.0529 U
	Aroclor 1260	2	2	3	3	2	1	0.0645 U	0.0548 U	0.0600 U	0.0637 U	0.0554 U	0.0576 U	**0.130 J**	0.0593 U	0.0525 U	0.0568 U	**0.213 J**	0.0529 U
	Total PCBs	2	2	3	3	2	1	**0.0931 J**	**0.175 J**	**0.229 J**	**0.288 J**	**0.814 J**	**0.103 J**	**0.538 J**	**0.160 J**	0.0525 U	**0.161 J**	**0.685 J**	0.0529 U
PCB Homologs																			
(mg/kg)	Tetrachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	NS	NS	NS	NS	NS	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	**0.084**	**0.315**	**0.084**	0.022 U	**0.063**	**0.162**	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	3.04 U	2.75 U	**3.09**	2.66 U	2.96 U	**5.15**	2.66 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	**22.2**	**63.4**	**26.2**	**15.9**	**20.3**	**37.8**	**24.4**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	0.31 U	0.28 U	0.30 U	0.27 U	0.30 U	0.28 U	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	0.31 U	0.28 U	0.30 U	0.27 U	0.30 U	0.28 U	0.27 U
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	**6.02**	**6.69**	**6.53**	**2.32**	**5.02**	**7.74**	**4.10**
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	**37.0**	**130**	**90.4**	**4.28**	**37.1**	**109**	**45.0**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	**4.71**	**5.77**	**5.39**	**2.67**	**3.76**	**5.45**	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	**1.86**	**1.70**	**2.44**	**1.15**	**1.70**	**2.12**	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	**11.8**	**8.77**	**13.0**	5.31 U	**10.9**	**10.1**	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	**33.9**	**70.3**	**39.9**	**10.6**	**26.8**	**57.0**	NA
GRO																			
(mg/kg)	Gasoline Range Organics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	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).

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

NS - No standard available 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.

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

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

GRO - Gasoline Range Organics.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

[redacted] - sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	HRG17		HRG21	HRI-17		HRI-19	HRI21	HRJ.75-17	HRK-19	HRK-21		
								Sample Depth (ft.):	2.5-3	1-3	2.5-3	2-3	1-3	1.5-2.5	0.5-2.5	1-2.5	1-3	1-3	1-3	1-3
								Sample Date:	2/21/2006	4/7/2009	2/21/2006	2/21/2006	4/7/2009	2/21/2006	2/21/2006	2/21/2006	2/21/2006	2/21/2006	2/21/2006 Field Dup	4/7/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA													
VOCs																				
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	N/A		NA	NA	NA	NA	NA	NA	NA	**0.036**	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A		NA	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	NA
	Toluene	500	500	1,000	1,000	30	N/A		NA	NA	NA	NA	NA	NA	NA	**0.041**	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A		NA	NA	NA	NA	NA	NA	NA	**0.046**	NA	NA	NA	NA
SVOCs/PAHs																				
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A		NA	0.182 U	NA	NA	0.196 U	NA	NA	NA	NA	NA	NA	**0.332**
	Acenaphthylene	600	10	600	10	1	N/A		NA	0.182 U	NA	NA	0.196 U	NA	NA	NA	NA	NA	NA	0.255 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A		NA	0.182 U	NA	NA	**0.613**	NA	NA	NA	NA	NA	NA	**0.972**
	Benzo(a)anthracene	7	7	40	40	7	N/A		NA	0.182 U	NA	NA	**1.97**	NA	NA	NA	NA	NA	NA	**1.72**
	Benzo(a)pyrene	2	2	4	4	2	N/A		NA	0.182 U	NA	NA	**1.89**	NA	NA	NA	NA	NA	NA	**1.51**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A		NA	0.182 U	NA	NA	**2.13**	NA	NA	NA	NA	NA	NA	**1.76**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A		NA	0.182 U	NA	NA	**0.865**	NA	NA	NA	NA	NA	NA	**0.902**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A		NA	0.182 U	NA	NA	**0.851**	NA	NA	NA	NA	NA	NA	**0.657**
	Chrysene	70	70	400	400	70	N/A		NA	0.182 U	NA	NA	**2.01**	NA	NA	NA	NA	NA	NA	**1.84**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A		NA	0.182 U	NA	NA	**0.266**	NA	NA	NA	NA	NA	NA	**0.273**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A		NA	0.182 U	NA	NA	**3.12**	NA	NA	NA	NA	NA	NA	**3.47**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A		NA	0.182 U	NA	NA	0.196 U	NA	NA	NA	NA	NA	NA	**0.453**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A		NA	0.182 U	NA	NA	**1.16**	NA	NA	NA	NA	NA	NA	**1.17**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A		NA	0.182 U	NA	NA	0.196 U	NA	NA	NA	NA	NA	NA	0.255 U
	Naphthalene	40	500	40	1,000	4	N/A		NA	0.182 U	NA	NA	0.196 U	NA	NA	NA	NA	NA	NA	**0.367**
	Phenanthrene	500	500	1,000	1,000	10	N/A		NA	0.182 U	NA	NA	**2.60**	NA	NA	NA	NA	NA	NA	**4.69**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A		NA	0.182 U	NA	NA	**3.64**	NA	NA	NA	NA	NA	NA	**3.59**
PCBs																				
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.11 U	**0.162 J**	**0.15**	**0.34**	**0.0940 J**	**0.23**	0.12 U	**0.76**	0.04 U	0.041 U	0.037 U	0.0655 U
	Aroclor 1260	2	2	3	3	2	1		0.11 U	0.0524 U	0.13 U	0.03 U	0.0587 U	0.03 U	0.12 U	0.029 U	0.04 U	0.041 U	0.037 U	0.0655 U
	Total PCBs	2	2	3	3	2	1		0.22 U	**0.162 J**	**0.15**	**0.34**	**0.0940 J**	**0.23**	0.24 U	**0.76**	0.04 U	0.041 U	0.037 U	0.0655 U
Metals																				
(mg/kg)	Mercury	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	2.72 U	NA	NA	**3.74**	NA	NA	NA	NA	NA	NA	**8.02**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A		NA	**9.14**	NA	NA	**106**	NA	NA	NA	NA	NA	NA	**223**
	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	0.28 U	NA	NA	**0.46**	NA	NA	NA	NA	NA	NA	**1.45**
	Chromium	30	30	200	200	30	N/A		NA	**2.20**	NA	NA	**6.57**	NA	NA	NA	NA	NA	NA	**8.23**
	Lead	300	300	300	300	300	N/A		NA	**11.6**	NA	NA	**218**	NA	NA	NA	NA	NA	NA	**96.6**
	Nickel	20	20	700	700	20	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
	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

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.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed MassDEP Method 1 Standa
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
VOCs - Volatile Organic Compounds.
PAHs - Polynuclear Aromatic Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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 standards.
- sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: HRK23 / Depth (ft.): 0.5-3 / Sample Date: 2/21/2006	NBHS-SS-5 0-0.5 8/6/2008	NBHS-SS-6 0-0.5 8/6/2008	VSS-6 0-0.5 7/23/2001	VSS-7 0-0.5 7/23/2001	VSS-8 0-0.5 7/23/2001	SB-360 0-1 3/4/2009	SB-360 1-3 3/4/2009	SB-360 1-3 3/4/2009 Field Dup	SB-360 5 3/4/2009	SB-360 8 3/4/2009	SB-360A 1-3 3/24/2009	SB-360B 1-3 3/24/2009	SB-360C 1-3 3/24/2009	SB-360C 1-3 3/24/2009 Field Dup
VOCs																						
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	N/A	NA	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	NA
	Toluene	500	500	1,000	1,000	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																						
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	0.206 U	0.229 U	0.236 U	0.301 U	0.230 U	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	**0.502**	0.229 U	**0.334**	0.301 U	0.230 U	NA	NA	NA	NA
PCBs																						
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	0.13 U	**0.0956 J**	0.0524 U	0.100 U	0.100 U	0.100 U	**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	0.13 U	0.0538 U	0.0524 U	0.100 U	0.100 U	0.100 U	**0.163 J**	0.0706 U	0.0632 U	0.0822 U	0.0578 U	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.25 U	**0.0956 J**	0.0524 U	0.100 U	0.100 U	0.100 U	**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	NA	NA	NA	0.07 U	0.08 U	**0.40**	**0.261**	**0.074**	**0.044**	**0.275**	**0.016**	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	**1.61**	**2.37**	**3.48**	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	NA	NA	NA	**12**	**27**	**66**	6.17 U	**867**	**2,750**	**760**	**10.0**	**4,060**	**2,170**	**403**	**488**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	0.31 U	**1.45**	**1.12**	**0.97**	0.35 U	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	0.35 U	0.38 U	**0.41**	0.31 U	**0.59**	**0.48**	**1.21**	0.35 U	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	**4.59**	**5.09**	**6.45**	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	NA	NA	NA	**18**	**65**	**162**	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	NA	NA	NA	NA	NA	NA	0.62 U	**18.8**	**14.6**	**21.5**	**4.54**	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	0.35 U	0.38 U	0.37 U	0.62 U	0.69 U	0.71 U	0.91 U	0.69 U	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	**1.59**	**712**	**577**	**423**	**30.7**	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.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

Values in Bold indicate the compound was detected.

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

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

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(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 standards.

- sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	SB-360D	SB-360E	SB-360F	SB-360G	SB-360I	SB-360J	SB-360K	SB-360L	SB-360M	SB-360O	SB-360Q	SB-360R
								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
								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
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA													
VOCs																				
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	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
	Toluene	500	500	1,000	1,000	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																				
(mg/kg)	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
	2-Methylnaphthalene	80	300	80	500	0.7	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 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
	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
	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	**376**	**1,050**	**1,250**	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	**10.7**	**21.0**	**74.7**	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**	
	Nickel	20	20	700	700	20	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
	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

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.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed MassDEP Method 1 Standar
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
VOCs - Volatile Organic Compounds.
PAHs - Polynuclear Aromatic Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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 standards.
- sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte							SB-360S	SB-360U	SB-360V	SB-360W	SB-360X		SS-36			SS-36A	
							Sample Location:	SB-360S	SB-360U	SB-360V	SB-360W	SB-360X		SS-36			SS-36A	
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	1-3	0.5	2	1-3	0-1	1-3
							Sample Date:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	8/19/2009	8/19/2009 Field Dup	8/7/2008	8/7/2008	3/31/2009	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											
VOCs																		
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	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
	Toluene	500	500	1,000	1,000	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																		
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**0.643**	0.229 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**0.189**	0.229 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**1.35**	0.229 U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**3.60**	**0.446**	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**3.07**	**0.383**	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**4.09**	**0.549**	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	0.198 U	**1.58**	**0.406**	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**1.02**	0.229 U	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**3.81**	**0.825**	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**0.403**	0.229 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**6.38**	**0.692**	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**0.704**	0.229 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**1.73**	**0.255**	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**0.209**	**0.259**	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**0.431**	0.229 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**5.81**	**1.12**	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	0.198 U	**5.42**	**0.792**	NA	NA
PCBs																		
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0583 U	0.0564 U	0.0733 U	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0583 U	0.0564 U	0.0733 U	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	0.0583 U	0.0564 U	0.0733 U	NA	NA
Metals																		
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	**0.050**	**0.258**	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	**6.97**	**23.1**	**21.8**	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	**15.3**	**219**	**472**	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	0.30 U	0.29 U	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	0.30 U	**0.58**	**0.98**	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	**5.76**	**14.2**	**11.8**	NA	NA
	Lead	300	300	300	300	300	N/A	**380**	**9,800**	**320**	**210**	**630**	**750**	**17.3**	**1270**	NA	**22.7**	**480**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	**3.71**	**43.9**	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	**1.74**	**2.30**	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	**11.3**	**28.0**	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	NA	**23.2**	**196**	NA	NA	NA

Notes:
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U - Compound was not detected at specified quantitation limit.
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Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
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(2) - MassDEP RC for Dichloropropane used.
(3) - MassDEP RC for Dichloropropene used.
(4) - MassDEP RC for 1,3-Dichloropropene used.
* - TRC developed standards.
[redacted] - sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SS-36B		SS-36C		SS-36D			SS-36E	SS-36F		SS-36G	
		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:						3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009 Field Dup	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												
VOCs																			
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	N/A	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
	Toluene	500	500	1,000	1,000	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																			
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	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
	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
	Benzo(a)anthracene	7	7	40	40	7	N/A	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
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	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
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	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
	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
	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
	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
	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
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	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
	Phenanthrene	500	500	1,000	1,000	10	N/A	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
PCBs																			
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	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
	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	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
	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
	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	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
	Lead	300	300	300	300	300	N/A	**23.1**	**938**	**16.8**	**1,550**	**20.4**	**2,070**	**286**	**310**	**37.5**	**507**	**34.4**	**1,110**
	Nickel	20	20	700	700	20	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
	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

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.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and Shaded type exceed one or more of the listed MassDEP Method 1 Standar
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
VOCs - Volatile Organic Compounds.
PAHs - Polynuclear Aromatic Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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 standards.
[redacted] - sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte							SS-36H		SS-36I	SS-36J	SS-36L	SS-36N		SS-36O	SS-36R	SS-36S	SS-36V	SS-36W
							Sample Location:												
							Sample Depth (ft.):	0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
							Sample Date:	3/9/2009	3/9/2009	5/21/2009	5/21/2009	5/21/2009	7/6/2009	7/6/2009 Field Dup	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												
VOCs																			
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	N/A	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
	Toluene	500	500	1,000	1,000	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																			
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	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
	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
	Benzo(a)anthracene	7	7	40	40	7	N/A	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
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	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
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	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
	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
	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
	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
	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
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	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
	Phenanthrene	500	500	1,000	1,000	10	N/A	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
PCBs																			
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	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
	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	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
	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
	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	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
	Lead	300	300	300	300	300	N/A	**856**	**20.8**	**110**	**2,700**	**870**	**480**	**920**	**680**	**1,000**	**690**	**530**	**22**
	Nickel	20	20	700	700	20	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
	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

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.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

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

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

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

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(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 standards.

- sample location to be excavated.

TABLE 3-3
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Unfenced Playing Field (Exposure Point Area HS-3)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	SS-37 0.5 8/8/2008	SS-37 2 8/8/2008	SS-37 2 8/8/2008 Field Dup	SS-38 0.5 8/8/2008	SS-38 1.5 8/8/2008	SS-38 1-3 3/31/2009	SS-39 0.5 8/8/2008	SS-39 2 8/8/2008	SS-39 1-3 3/31/2009	SS-40 0.5 8/8/2008	SS-40 2 8/8/2008	SS-41 0.5 8/8/2008	SS-41 2 8/8/2008
VOCs																				
(mg/kg)	Benzene	30.0	30	200.0	200	2.0	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
	Toluene	500	500	1,000	1,000	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	100(1)	100(1)	500(1)	500(1)	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																				
(mg/kg)	**Acenaphthene**	1,000	1,000	3,000	3,000	4	N/A	0.192 U	**0.424**	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	0.210 U	0.188 U	0.175 U
	Acenaphthylene	600	10	600	10	1	N/A	0.192 U	**0.870**	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	0.210 U	0.188 U	0.175 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	**4.23**	**0.228**	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**0.362**	0.188 U	0.175 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.192 U	**6.12**	**0.493**	0.198 U	**0.258**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**1.15**	0.188 U	0.175 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.192 U	**6.76**	**0.421**	0.198 U	**0.317**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**1.11**	0.188 U	0.175 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.192 U	**7.26**	**0.481**	0.198 U	**0.382**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**1.25**	0.188 U	0.175 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	**3.92**	**0.317**	0.198 U	**0.303**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**0.851**	0.188 U	0.175 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.192 U	**2.33**	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**0.494**	0.188 U	0.175 U
	Chrysene	70	70	400	400	70	N/A	0.192 U	**5.45**	**0.493**	0.198 U	**0.323**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**1.17**	0.188 U	0.175 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.192 U	**1.01**	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**0.217**	0.188 U	0.175 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	**17.1**	**0.965**	**0.275**	**0.349**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**2.40**	0.188 U	0.175 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	**1.49**	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	0.210 U	0.188 U	0.175 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.192 U	**5.32**	**0.321**	0.198 U	**0.305**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**0.929**	0.188 U	0.175 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.192 U	0.186 U	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	0.210 U	0.188 U	0.175 U
	Naphthalene	40	500	40	1,000	4	N/A	0.192 U	**0.258**	0.188 U	0.198 U	0.197 U	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	0.210 U	0.188 U	0.175 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.192 U	**18.2**	**0.884**	0.198 U	**0.254**	0.214 U	0.187 U	0.175 U	0.183 U	0.195 U	**1.71**	0.188 U	0.175 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	**13.8**	**0.856**	**0.281**	**0.346**	0.214 U	0.187 U	0.175 U	**0.193**	0.195 U	**2.49**	0.188 U	0.175 U
PCBs																				
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	0.0551 U	**0.144 J**	**0.160 J**	**0.611 J**	**0.580 J**	0.0640 U	0.0541 U	0.0562 U	0.0501 U	0.0589 U	**0.444 J**	0.0539 U	0.0516 U
	Aroclor 1260	2	2	3	3	2	1	0.0551 U	0.0541 U	0.0546 U	0.0574 U	0.0568 U	0.0640 U	0.0541 U	0.0562 U	0.0501 U	0.0589 U	**0.174 J**	0.0539 U	0.0516 U
	Total PCBs	2	2	3	3	2	1	0.0551 U	**0.144 J**	**0.160 J**	**0.611 J**	**0.580 J**	0.0640 U	0.0541 U	0.0562 U	0.0501 U	0.0589 U	**0.618 J**	0.0539 U	0.0516 U
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.039**	**0.171**	**0.270**	**0.175**	**0.280**	NA	**0.026**	0.013 U	NA	**0.032**	**0.654**	**0.037**	0.018 U
	Arsenic	20	20	20	20	20	N/A	**4.09**	**5.48**	**4.10**	**4.10**	**16.0**	**14.6**	2.80 U	2.62 U	2.74 U	2.93 U	**7.24**	**2.97**	2.62 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**13.0**	**105**	**83.7**	**58.6**	**311**	**801**	**9.21**	**5.94**	**45.2**	**13.4**	**410**	**9.05**	**6.93**
	Beryllium	100	100	200	200	100	N/A	0.29 U	0.28 U	0.29 U	0.30 U	**0.79**	NA	0.28 U	0.27 U	NA	0.30 U	**0.43**	0.29 U	0.27 U
	Cadmium	2	2	30	30	2	N/A	0.29 U	**0.35**	**0.37**	**0.47**	**1.05**	**0.86**	0.28 U	0.27 U	**0.52**	0.30 U	**1.53**	0.29 U	0.27 U
	Chromium	30	30	200	200	30	N/A	**5.68**	**7.35**	**7.01**	**6.89**	**12.6**	**18.0**	**5.06**	**2.52**	**4.64**	**5.66**	**15.4**	**5.21**	**3.01**
	Lead	300	300	300	300	300	N/A	**14.7**	**302**	**270**	**167**	**605**	**865**	**8.45**	**2.93**	**103**	**13.9**	**819**	**9.69**	**12.1**
	Nickel	20	20	700	700	20	N/A	**4.00**	**7.03**	**6.43**	**3.95**	**11.2**	NA	**3.32**	**2.23**	NA	**3.01**	**10.7**	**2.93**	**2.45**
	Silver	100	100	200	200	100	N/A	**1.69**	**2.21**	**2.55**	**0.81**	**1.00**	NA	**0.85**	0.53 U	NA	**0.82**	**1.05**	**1.04**	**0.52**
	Vanadium	600	600	1,000	1,000	600	N/A	**10.1**	**14.2**	**10.2**	**10.9**	**18.6**	NA	**9.18**	5.24 U	NA	**9.43**	**20.9**	**7.92**	5.23 U
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**17.7**	**112**	**113**	**101**	**269**	NA	**10.4**	**8.18**	NA	**16.4**	**506**	**11.3**	**11.9**

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.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

Values in Bold indicate the compound was detected.

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

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

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(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 standards.

- sample location to be excavated.

TABLE 3-4
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	HE44	HE-44B		HE-44C		HE-44F	HF31-0.5-1+2.5-3	HF-31A		HF-31B		HF-31C		
								Sample Depth (ft.):	1.5-3	0-1	1-3	0-1	1-3	0-1	0.5-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3
								Sample Date:	12/30/2004	3/31/2009	3/31/2009	3/31/2009	3/31/2009	3/31/2009	12/30/2004	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009 Field Dup
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA															
SVOCs/PAHs																						
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	NA		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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA		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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	NA		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	NA		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	NA		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	NA		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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	NA		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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																						
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.057 U	**0.349 J**	**1.63 J**	0.0571 U	**0.756 J**	NA	**2.26**	**1.35 J**	**2.49 J**	**0.310 J**	**2.66 J**	**2.88 J**	**5.32 J**	**7.31 J**
	Aroclor 1260	2	2	3	3	2	1		0.057 U	0.0515 U	0.106 U	0.0571 U	0.0556 U	NA	0.056 U	**0.291 J**	0.217 U	0.0554 U	0.219 U	0.571 U	0.376 U	0.550 U
	Aroclor 1262	2	2	3	3	2	1		0.057 U	NA	NA	NA	NA	NA	**0.293**	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		0.113 U	**0.349 J**	**1.63 J**	0.0571 U	**0.756 J**	NA	**2.553**	**1.641 J**	**2.49 J**	**0.310 J**	**2.66 J**	**2.88 J**	**5.32 J**	**7.31 J**
PCB Homologs																						
(mg/kg)	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	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	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	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	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
	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	**0.80**	**0.99**	0.29 U	**0.42**	NA	NA	**0.51**	**0.47**	**0.41**	**0.49**	**0.29**	**0.34**	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		NA	**990**	**292**	**169**	**354**	**310**	NA	**194**	**168**	**79.7**	**164**	**31.5**	**82.9**	NA
	Nickel	20	20	700	700	20	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
	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
Metals, TCLP																						
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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

ug/L - micrograms per liter.

B - Detected in associated laboratory method blank.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

NS - No standard available 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 MassDEP Method 1 standards or TCLP criter

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

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TCLP - Toxicity Characteristic Leaching Procedure.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

** - for Reference purposes only.

-sample location to be excavated

TABLE 3-4
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	HF-31D		HF-31G	HF-31H	HF35	HF-35A		HF-35B		HF-35C			HF-35D	
								Sample Depth (ft.):	0-1	1-3	1-3	1-3	2.5-3.5	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
								Sample Date:	4/2/2009	4/2/2009	4/2/2009	4/2/2009	12/30/2004	4/1/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009	Field Dup	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															
SVOCs/PAHs																						
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																						
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.597 J**	**71.6 J**		**0.334 J**	**0.565 J**	1.58	0.0547 U	0.0585 U	**0.118 J**	**0.786 J**	**0.133 J**	**0.899 J**	**0.735 J**	0.0597 U	**0.228 J**
	Aroclor 1260	2	2	3	3	2	1	0.0532 U	3.36 U		0.0535 U	**0.355 J**	0.057 U	0.0547 U	**0.819 J**	0.0543 U	0.0557 U	0.0540 U	**0.468 J**	**0.343 J**	0.0597 U	0.0558 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA		NA	NA	**0.264**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.597 J**	**71.6 J**		**0.334 J**	**0.920 J**	1.844	0.0547 U	**0.819 J**	**0.118 J**	**0.786 J**	**0.133 J**	**1.367 J**	**1.078 J**	0.0597 U	**0.228 J**
PCB Homologs																						
(mg/kg)	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	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	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	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	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
	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	**0.62**	**1.24**		NA	NA	NA	0.28 U	**0.71**	0.28 U	**0.44**	0.28 U	**1.48**	**2.21**	0.31 U	**0.71**
	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	**192**	441		NA	NA	NA	**42.7**	**154**	**16.9**	**151**	**26.2**	525	661	**24.2**	471
	Nickel	20	20	700	700	20	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
	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
Metals, TCLP																						
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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

ug/L - micrograms per liter.

B - Detected in associated laboratory method blank.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

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PCBs - Polychlorinated Biphenyls.

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-sample location to be excavated

TABLE 3-4
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	HF-38	HF35+HF40	HF40	HF-40A			HF-40B		HF-40C		HF-40D		HF-40E	
								Sample Depth (ft.):	1-3	2.5-3.5	2.5-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
								Sample Date:	4/2/2009	12/30/2004	12/30/2004	3/10/2009	3/10/2009	3/10/2009 Field Dup	3/9/2009	3/9/2009	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															
SVOCs/PAHs																						
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA		0.065 U	0.065 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA		**0.56 B**	**0.56 B**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA		**0.11 J**	**0.11 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA		NA	**0.12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA		0.176 U	**0.15**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	NA		0.176 U	**0.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA		0.176 U	**0.49**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA		0.176 U	**1.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA		0.176 U	**2.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA		0.176 U	**4.8**	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	NA		0.176 U	0.065 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA		0.176 U	**1.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	NA		0.176 U	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA		0.176 U	0.065 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA		0.176 U	0.065 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA		0.176 U	**0.19**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA		0.176 U	0.065 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA		0.176 U	**0.096**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	NA		0.176 U	**0.16**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	NA		0.176 U	**2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA		0.176 U	**5.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																						
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.0524 U	NA	**24.9**	0.0614 U	**3.10 J**	**1.44 J**	**9.32 J**	**15.2 J**	**0.216 J**	**4.93 J**	**0.233 J**	**0.277 J**	NA	NA
	Aroclor 1260	2	2	3	3	2	1		0.0524 U	NA	0.068 U	0.0614 U	0.192 U	0.0608 U	0.576 U	0.562 U	0.0572 U	0.221 U	0.0615 U	0.0531 U	NA	NA
	Aroclor 1262	2	2	3	3	2	1		NA	NA	**0.566**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		0.0524 U	NA	**25.466**	0.0614 U	**3.10 J**	**1.44 J**	**9.32 J**	**15.2 J**	**0.216 J**	**4.93 J**	**0.233 J**	**0.277 J**	NA	NA
PCB Homologs																						
(mg/kg)	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	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	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	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	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	**0.403**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A		2.64 U	**8.58**	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		**14.7**	**242**	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		0.27 U	**3.67**	NA	0.32 U	**1.22**	NA	**0.42**	**1.57**	0.29 U	0.28 U	0.31 U	0.28 U	0.29 U	**3.14**
	Chromium	30	30	200	200	30	N/A		**2.50**	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A		**3.58**	**683**	NA	**23.2**	**449**	NA	**90.5**	**201**	**36.1**	**85.3**	**48.4**	**29.8**	**54.8**	**643**
	Nickel	20	20	700	700	20	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	**0.42**	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
Metals, TCLP																						
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)		NA	**2,560**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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

ug/L - micrograms per liter.

B - Detected in associated laboratory method blank.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

NS - No standard available 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 MassDEP Method 1 standards or TCLP criter

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

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TCLP - Toxicity Characteristic Leaching Procedure.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

** - for Reference purposes only.

-sample location to be excavated

TABLE 3-4
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	HF-40F		HF-40G		HF-40H		HF-40I	HF-40J	HF-43	HF-43A		HF-43B	
								Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	2.5-3	0-1	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	4/9/2009	4/9/2009	12/30/2004	4/1/2009	4/1/2009	3/31/2009	3/31/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA														
SVOCs/PAHs																					
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	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	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	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	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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	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	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		1.66 J	**3.93 J**	NA	NA	NA	NA	NA	NA	**0.516**	0.0564 U	**2.60 J**	**0.0953 J**	**0.489 J**
	Aroclor 1260	2	2	3	3	2	1		1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	0.054 U	0.0564 U	0.177 U	0.0577 U	0.0557 U
	Aroclor 1262	2	2	3	3	2	1		1.13 U	1.22 U	NA	NA	NA	NA	NA	NA	**0.133**	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		1.66 J	**3.93 J**	NA	NA	NA	NA	NA	NA	**0.649**	0.0564 U	**2.60 J**	**0.0953 J**	**0.489 J**
PCB Homologs																					
(mg/kg)	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	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	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	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	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
	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		0.28 U	**0.57**	0.28 U	**0.30**	0.32 U	0.28 U	**0.33**	**1.15**	NA	0.29 U	**0.85**	0.31 U	**0.55**
	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		**15.2**	**770**	**40.8**	**86.9**	**24.2**	**4.06**	**43.3**	**218**	NA	**13.7**	**629**	**52.2**	**134**
	Nickel	20	20	700	700	20	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
	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
Metals, TCLP																					
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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PCBs - Polychlorinated Biphenyls.

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[redacted]-sample location to be excavated

TABLE 3-4
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New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:	Sample Depth (ft.):	Sample Date:	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA
SVOCs/PAHs										
(mg/kg)	4-Bromophenyl phenyl ether				0.3*	0.3*	NS	NS	100	NA
	Di-n-butylphthalate				NS	NS	NS	NS	50	NA
	bis(2-Ethylhexyl)phthalate				200	200	700	700	200	NA
	Dibenzofuran				10*	10*	NS	NS	100	NA
	Acenaphthene				1,000	1,000	3,000	3,000	4	NA
	Acenaphthylene				600	10	600	10	1	NA
	Anthracene				1,000	1,000	3,000	3,000	1,000	NA
	Benzo(a)anthracene				7	7	40	40	7	NA
	Benzo(a)pyrene				2	2	4	4	2	NA
	Benzo(b)fluoranthene				7	7	40	40	7	NA
	Benzo(g,h,i)perylene				1,000	1,000	3,000	3,000	1,000	NA
	Benzo(k)fluoranthene				70	70	400	400	70	NA
	Chrysene				70	70	400	400	70	NA
	Dibenz(a,h)anthracene				0.7	0.7	4	4	1	NA
	Fluoranthene				1,000	1,000	3,000	3,000	1,000	NA
	Fluorene				1,000	1,000	3,000	3,000	1,000	NA
	Indeno(1,2,3-cd)pyrene				7	7	40	40	7	NA
	2-Methylnaphthalene				80	300	80	500	0.7	NA
	Naphthalene				40	500	40	1,000	4	NA
	Phenanthrene				500	500	1,000	1,000	10	NA
	Pyrene				1,000	1,000	3,000	3,000	1,000	NA
PCBs										
(mg/kg)	Aroclor 1254	HF-43D	0-1	4/1/2009	2	2	3	3	2	1
	Aroclor 1260	HF-43D	0-1	4/1/2009	2	2	3	3	2	1
	Aroclor 1262	HF-43D	0-1	4/1/2009	2	2	3	3	2	1
	Total PCBs	HF-43D	0-1	4/1/2009	2	2	3	3	2	1
PCB Homologs										
(mg/kg)	Trichlorobiphenyl	HF-43D	0-1	4/1/2009	N/A	N/A	N/A	N/A	N/A	N/A
	Pentachlorobiphenyl	HF-43D	0-1	4/1/2009	N/A	N/A	N/A	N/A	N/A	N/A
	Hexachlorobiphenyl	HF-43D	0-1	4/1/2009	N/A	N/A	N/A	N/A	N/A	N/A
	Heptachlorobiphenyl	HF-43D	0-1	4/1/2009	N/A	N/A	N/A	N/A	N/A	N/A
	Total PCBs	HF-43D	0-1	4/1/2009	2	2	3	3	2	1
Metals										
(mg/kg)	Mercury	HF-43D	0-1	4/1/2009	20	20	30	30	20	N/A
	Arsenic	HF-43D	0-1	4/1/2009	20	20	20	20	20	N/A
	Barium	HF-43D	0-1	4/1/2009	1,000	1,000	3,000	3,000	1,000	N/A
	Beryllium	HF-43D	0-1	4/1/2009	100	100	200	200	100	N/A
	Cadmium	HF-43D	0-1	4/1/2009	2	2	30	30	2	N/A
	Chromium	HF-43D	0-1	4/1/2009	30	30	200	200	30	N/A
	Lead	HF-43D	0-1	4/1/2009	300	300	300	300	300	N/A
	Nickel	HF-43D	0-1	4/1/2009	20	20	700	700	20	N/A
	Silver	HF-43D	0-1	4/1/2009	100	100	200	200	100	N/A
	Vanadium	HF-43D	0-1	4/1/2009	600	600	1,000	1,000	600	N/A
	Zinc	HF-43D	0-1	4/1/2009	2,500	2,500	3,000	3,000	2,500	N/A
Metals, TCLP										
(ug/L)	Lead	HF-43D	0-1	4/1/2009	NS	NS	NS	NS	NS	5,000(1)

Analysis	Analyte	Sample Location:	Sample Depth (ft.):	Sample Date:	HF-43D	HF-43D	HF-43G	HF-43G	HF-43H	HF43+HE44	HF44	HF44+HG44	HG-31	HG44	HH43	HH43+HI42	HH44
					0-1 4/1/2009	1-3 4/1/2009	0-1 4/1/2009	1-3 4/1/2009	1-3 4/1/2009	1.5-3 12/30/2004	0.5-3 12/30/2004	0.5-3 12/30/2004	1-3 4/2/2009	1-3 12/30/2004	1.5-3 12/30/2004	1.5-3 12/30/2004	2.5-3 12/30/2004
SVOCs/PAHs																	
(mg/kg)	4-Bromophenyl phenyl ether				NA	NA	NA	NA	NA	0.059 U	NA	0.057 U	NA	NA	NA	**0.078**	NA
	Di-n-butylphthalate				NA	NA	NA	NA	NA	**0.2 B**	NA	0.17 U	NA	NA	NA	**0.084 JB**	NA
	bis(2-Ethylhexyl)phthalate				NA	NA	NA	NA	NA	**0.072 J**	NA	0.17 U	NA	NA	NA	0.19 U	NA
	Dibenzofuran				NA	NA	NA	NA	NA	0.059 U	NA	0.057 U	NA	NA	NA	0.064 U	NA
	Acenaphthene				NA	NA	NA	NA	NA	0.059 U	NA	**0.31**	0.179 U	NA	NA	0.064 U	NA
	Acenaphthylene				NA	NA	NA	NA	NA	0.059 U	NA	**0.12**	0.179 U	NA	NA	0.064 U	NA
	Anthracene				NA	NA	NA	NA	NA	**0.1**	NA	**4**	0.179 U	NA	NA	0.064 U	NA
	Benzo(a)anthracene				NA	NA	NA	NA	NA	**0.25**	NA	**7.9**	0.179 U	NA	NA	**0.15**	NA
	Benzo(a)pyrene				NA	NA	NA	NA	NA	**0.24**	NA	**6.9**	0.179 U	NA	NA	0.064 U	NA
	Benzo(b)fluoranthene				NA	NA	NA	NA	NA	**0.3**	NA	**8.9**	0.179 U	NA	NA	**0.2**	NA
	Benzo(g,h,i)perylene				NA	NA	NA	NA	NA	**0.15**	NA	**1.7**	0.179 U	NA	NA	0.064 U	NA
	Benzo(k)fluoranthene				NA	NA	NA	NA	NA	**0.087**	NA	**3.3**	0.179 U	NA	NA	0.064 U	NA
	Chrysene				NA	NA	NA	NA	NA	**0.21**	NA	**6.7**	0.179 U	NA	NA	**0.16**	NA
	Dibenz(a,h)anthracene				NA	NA	NA	NA	NA	0.059 U	NA	**0.71**	0.179 U	NA	NA	0.064 U	NA
	Fluoranthene				NA	NA	NA	NA	NA	**0.54**	NA	**15**	0.179 U	NA	NA	**0.27**	NA
	Fluorene				NA	NA	NA	NA	NA	0.059 U	NA	**0.22**	0.179 U	NA	NA	0.064 U	NA
	Indeno(1,2,3-cd)pyrene				NA	NA	NA	NA	NA	**0.16**	NA	**1.8**	0.179 U	NA	NA	0.064 U	NA
	2-Methylnaphthalene				NA	NA	NA	NA	NA	0.059 U	NA	**0.079**	0.179 U	NA	NA	0.064 U	NA
	Naphthalene				NA	NA	NA	NA	NA	0.059 U	NA	**0.092**	0.179 U	NA	NA	0.064 U	NA
	Phenanthrene				NA	NA	NA	NA	NA	**0.4**	NA	**1.2**	0.179 U	NA	NA	**0.22**	NA
	Pyrene				NA	NA	NA	NA	NA	**0.41**	NA	**15**	0.179 U	NA	NA	**0.41**	NA
PCBs																	
(mg/kg)	Aroclor 1254	HF-43D	0-1	4/1/2009	0.0606 U	**26.7 J**	**0.142 J**	0.0516 U	**7.13 J**	NA	1.08 U	NA	**0.0615 J**	**0.565**	**0.899**	NA	**0.157**
	Aroclor 1260	HF-43D	0-1	4/1/2009	0.0606 U	1.13 U	0.0550 U	0.0516 U	0.561 U	NA	1.08 U	NA	0.0526 U	0.058 U	0.067 U	NA	0.053 U
	Aroclor 1262	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	1.08 U	NA	NA	**0.279**	**0.292**	NA	0.053 U
	Total PCBs	HF-43D	0-1	4/1/2009	0.0606 U	**26.7 J**	**0.142 J**	0.0516 U	**7.13 J**	NA	2.17 U	NA	**0.0615 J**	**0.844**	1.191	NA	**0.157**
PCB Homologs																	
(mg/kg)	Trichlorobiphenyl	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																	
(mg/kg)	Mercury	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	**0.243**	NA	**0.147**	NA	NA	NA	**0.223**	NA
	Arsenic	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	**6.02**	NA	**3.66**	2.68 U	NA	NA	**5.25**	NA
	Barium	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	**355**	NA	**86**	**28.2**	NA	NA	**344**	NA
	Beryllium	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	HF-43D	0-1	4/1/2009	0.31 U	**1.21**	**0.32**	**0.82**	NA	**8.59**	NA	**0.83**	0.27 U	NA	NA	**1.78**	NA
	Chromium	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	**8.67**	NA	**7.31**	**3.64**	NA	NA	**36**	NA
	Lead	HF-43D	0-1	4/1/2009	**26.3**	**1,460**	**82.8**	**273**	**281**	**1,910**	NA	**149**	**45.8**	NA	NA	**665**	NA
	Nickel	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	**0.4**	NA	0.34 U	NA	NA	NA	0.39 U	NA
	Vanadium	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																	
(ug/L)	Lead	HF-43D	0-1	4/1/2009	NA	NA	NA	NA	NA	**9,670**	NA	**450**	NA	NA	NA	**420**	NA

Notes:

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

ug/L - micrograms per liter.

B - Detected in associated laboratory method blank.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

NS - No standard available 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 MassDEP Method 1 standards or TCLP criter

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

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TCLP - Toxicity Characteristic Leaching Procedure.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

** - for Reference purposes only.

-sample location to be excavated

TABLE 3-4
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	HH44+HI44	HI42	HI43	HI44	HJ42	HJ-42A		HJ-42B		HJ-42C		HJ-42D		HJ42+HP31
Sample Location:								HH44+HI44	HI42	HI43	HI44	HJ42	HJ-42A		HJ-42B		HJ-42C		HJ-42D		HJ42+HP31
Sample Depth (ft.):								1-3	2.5-3	1.5-3	1-3	2.5-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0.5-3
Sample Date:								12/30/2004	12/30/2004	12/30/2004	12/30/2004	12/30/2004	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/2/2009	4/1/2009	4/1/2009	12/30/2004
SVOCs/PAHs																					
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.06 U
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.17 JB**
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.15 J**
	Dibenzofuran	10*	10*	NS	NS	100	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.12**
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.27**
	Acenaphthylene	600	10	600	10	1	NA	**0.11**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.077**
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA	**0.21**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.59**
	Benzo(a)anthracene	7	7	40	40	7	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.8**
	Benzo(a)pyrene	2	2	4	4	2	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**
	Benzo(b)fluoranthene	7	7	40	40	7	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.4**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA	**0.43**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.87**
	Benzo(k)fluoranthene	70	70	400	400	70	NA	**0.52**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.77**
	Chrysene	70	70	400	400	70	NA	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.06 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.4**
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.26**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA	**0.47**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.87**
	2-Methylnaphthalene	80	300	80	500	0.7	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.11**
	Naphthalene	40	500	40	1,000	4	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.11**
	Phenanthrene	500	500	1,000	1,000	10	NA	**0.93**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.8**
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**7.1**
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	NA	**0.538**	1.31 U	**1.5**	**0.94**	0.0561 U	0.0540 U	0.0536 U	**0.125 J**	0.0527 U	**0.676 J**	0.0532 U	**0.136 J**	NA
	Aroclor 1260	2	2	3	3	2	1	NA	0.056 U	1.31 U	1.12 U	0.07 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	NA
	Aroclor 1262	2	2	3	3	2	1	NA	**0.155**	1.31 U	1.12 U	**0.277**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	**0.693**	2.63 U	**1.5**	**1.217**	0.0561 U	0.0540 U	0.0536 U	**0.246 J**	0.0527 U	**0.866 J**	0.0532 U	**0.136 J**	NA
PCB Homologs																					
(mg/kg)	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	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	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	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	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	**0.15**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.25**
	Arsenic	20	20	20	20	20	N/A	**4.87**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**17**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**135**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**340**
	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	**2.24**	NA	NA	NA	NA	0.28 U	0.27 U	0.30 U	0.28 U	0.27 U	**2.66**	0.27 U	0.28 U	**4.92**
	Chromium	30	30	200	200	30	N/A	**9.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**36**
	Lead	300	300	300	300	300	N/A	**351**	NA	NA	NA	NA	**7.41**	**4.06**	**8.36**	**26.4**	**6.83**	**247**	**12.3**	**16.8**	**993**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.48**
	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
Metals, TCLP																					
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)	**120**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,280**

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
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U - Compound was not detected at specified quantitation limit.
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PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
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Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
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* - TRC developed standards.
** - for Reference purposes only.
sample location to be excavated

TABLE 3-4
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	Sample Location: HJ44	HJ44+HJ43	HS-7	HS-9	HS-10	SB-267			SB-365					
								Sample Depth (ft.): 2.75-3	1.5-3	0-0.5	0-0.5	0-0.5	1	3.5	9	0-1	1-3	5-7	5-7 Field Dup	9	12
								Sample Date: 12/30/2004	12/30/2004	9/9/2004	9/9/2004	9/9/2004	7/14/2008	7/14/2008	7/14/2008	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009
SVOCs/PAHs																					
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA	NA	0.06 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	**0.13 JB**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	**0.076 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	0.06 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	NA	0.06 U	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	**0.970**	0.897 U	NA
	Acenaphthylene	600	10	600	10	1	NA	NA	0.06 U	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA	NA	**0.14**	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	**2.11**	0.897 U	NA
	Benzo(a)anthracene	7	7	40	40	7	NA	NA	**0.51**	NA	NA	NA	**0.260**	0.207 U	0.199 U	0.188 U	0.178 U	**0.575**	**3.52**	0.897 U	NA
	Benzo(a)pyrene	2	2	4	4	2	NA	NA	**0.5**	NA	NA	NA	**0.271**	0.207 U	0.199 U	0.188 U	0.178 U	**0.503**	**2.91**	0.897 U	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA	NA	**0.71**	NA	NA	NA	**0.343**	**0.275**	0.199 U	0.188 U	0.178 U	**0.717**	**4.24**	0.897 U	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA	NA	**0.27**	NA	NA	NA	0.338 U	0.413 U	0.397 U	0.188 U	0.178 U	0.415 U	**0.963**	0.897 U	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA	NA	**0.25**	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	**1.61**	0.897 U	NA
	Chrysene	70	70	400	400	70	NA	NA	**0.44**	NA	NA	NA	**0.325**	**0.682**	0.199 U	0.188 U	0.178 U	**0.624**	**3.46**	0.897 U	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA	NA	0.06 U	NA	NA	NA	0.338 U	0.413 U	0.397 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA	NA	**0.92**	NA	NA	NA	**0.523**	0.207 U	0.199 U	0.188 U	0.178 U	**1.01**	**7.37**	0.897 U	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA	NA	0.06 U	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	**1.19**	0.897 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA	NA	0.06 U	NA	NA	NA	0.338 U	0.413 U	0.397 U	0.188 U	0.178 U	0.415 U	**1.21**	0.897 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA	NA	0.06 U	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA
	Naphthalene	40	500	40	1,000	4	NA	NA	0.06 U	NA	NA	NA	0.169 U	0.207 U	0.199 U	0.188 U	0.178 U	0.415 U	0.534 U	0.897 U	NA
	Phenanthrene	500	500	1,000	1,000	10	NA	NA	**0.7**	NA	NA	NA	**0.230**	**0.846**	0.199 U	0.188 U	0.178 U	**1.69**	**9.22**	0.897 U	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA	NA	**1.5**	NA	NA	NA	**0.585**	**0.289**	0.199 U	0.188 U	0.178 U	**1.00**	**5.67**	0.897 U	NA
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**1.13**	NA	0.12 U	0.11 U	0.11 U	0.0500 U	0.0586 U	0.0584 U	0.0574 U	0.0518 U	**0.329 J**	**0.501 J**	0.266 UJ	0.0576 U
	Aroclor 1260	2	2	3	3	2	1	0.056 U	NA	0.12 U	0.11 U	0.11 U	0.0500 U	0.0586 U	0.0584 U	0.0574 U	0.0518 U	0.0612 U	**0.189 J**	0.266 UJ	0.0576 U
	Aroclor 1262	2	2	3	3	2	1	**0.193**	NA	0.12 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**1.323**	NA	0.23 U	0.22 U	0.22 U	0.0500 U	0.0586 U	0.0584 U	0.0574 U	0.0518 U	**0.329 J**	**0.690 J**	0.266 UJ	0.0576 U
PCB Homologs																					
(mg/kg)	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	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	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	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	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	**0.103**	NA	NA	NA	**0.079**	**0.078**	0.012 U	**0.049**	0.014 U	**0.606**	**0.658**	**0.163**	NA
	Arsenic	20	20	20	20	20	N/A	NA	**3.85**	NA	NA	NA	**3.19**	**14.3**	**4.84**	2.82 U	2.67 U	**15.3**	**53.4**	13.5 U	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**176**	NA	NA	NA	**14.0**	**200**	**7.59**	**17.7**	**10.9**	**1,500**	**755**	**181**	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	0.26 U	0.31 U	0.30 U	0.29 U	0.27 U	0.32 U	0.40 U	1.35 U	NA
	Cadmium	2	2	30	30	2	N/A	NA	**1.96**	NA	NA	NA	0.26 U	0.31 U	0.30 U	0.29 U	0.27 U	**3.54**	**5.59**	1.35 U	NA
	Chromium	30	30	200	200	30	N/A	NA	**11**	NA	NA	NA	**5.14**	**5.30**	**3.81**	**6.20**	**2.04**	**29.1**	**43.5**	**7.14**	NA
	Lead	300	300	300	300	300	N/A	NA	**447**	NA	NA	NA	**47.9**	**209**	**3.13**	**15.7**	**3.05**	**741**	**1,590**	**19.0**	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	**3.98**	**11.7**	**4.02**	**3.16**	**2.89**	**47.9**	**44.7**	**4.26**	NA
	Silver	100	100	200	200	100	N/A	NA	0.34 U	NA	NA	NA	**2.22**	**3.94**	**1.17**	0.57 U	0.54 U	0.63 U	**5.20**	2.69 U	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	**10.6**	**18.3**	5.95 U	**9.87**	5.34 U	**219**	**60.1**	26.9 U	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	NA	**33.8**	**25.3**	**14.1**	**28.6**	**16.3**	**1,050**	**935**	**96.3**	NA
Metals, TCLP																					
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	**360**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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** - for Reference purposes only.

-sample location to be excavated

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New Bedford High School - Gym Area (Exposure Point Area HS-4)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	NBHS-1		NBHS-SS-8		NBHS-SS-9	VSS-12		SS-42	SS-43	SS-44	SS-45	SS-46
								Sample Depth (ft.):	8	12	0-0.5	0-0.5	0-0.5	0-0.5	1-2	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
								Sample Date:	7/29/2008	7/29/2008	8/6/2008	8/6/2008 Field Dup	8/6/2008	7/23/2001	7/23/2001	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													
SVOCs/PAHs																				
(mg/kg)	4-Bromophenyl phenyl ether	0.3*	0.3*	NS	NS	100	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA		**0.321**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Acenaphthylene	600	10	600	10	1	NA		0.200 U	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA		**0.929**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Benzo(a)anthracene	7	7	40	40	7	NA		**3.21**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Benzo(a)pyrene	2	2	4	4	2	NA		**2.86**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Benzo(b)fluoranthene	7	7	40	40	7	NA		**3.42**	0.665 U	NA	NA	NA	NA	NA	0.199 U	**0.257**	0.201 U	0.207 U	0.206 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA		**2.30**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Benzo(k)fluoranthene	70	70	400	400	70	NA		**1.07**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Chrysene	70	70	400	400	70	NA		**3.08**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA		**0.643**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA		**3.87**	0.665 U	NA	NA	NA	NA	NA	0.199 U	**0.437**	0.201 U	0.207 U	0.206 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA		**0.401**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA		**2.60**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	2-Methylnaphthalene	80	300	80	500	0.7	NA		0.200 U	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Naphthalene	40	500	40	1,000	4	NA		**0.290**	0.665 U	NA	NA	NA	NA	NA	0.199 U	0.199 U	0.201 U	0.207 U	0.206 U
	Phenanthrene	500	500	1,000	1,000	10	NA		**3.78**	0.665 U	NA	NA	NA	NA	NA	0.199 U	**0.344**	0.201 U	0.207 U	0.206 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA		**5.35**	0.665 U	NA	NA	NA	NA	NA	0.199 U	**0.258**	0.201 U	0.207 U	0.206 U
PCBs																				
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		**0.479 J**	0.230 UJ	0.0523 U	0.0530 U	0.0508 U	0.100 U	**0.497**	0.0549 U	0.0581 U	0.0598 U	0.0580 U	0.0617 U
	Aroclor 1260	2	2	3	3	2	1		**1.33 J**	0.230 UJ	0.0523 U	0.0530 U	0.0508 U	0.100 U	0.100 U	0.0549 U	0.0581 U	0.0598 U	0.0580 U	0.0617 U
	Aroclor 1262	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		**1.809 J**	0.230 UJ	0.0523 U	0.0530 U	0.0508 U	0.100 U	**0.497**	0.0549 U	0.0581 U	0.0598 U	0.0580 U	0.0617 U
PCB Homologs																				
(mg/kg)	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A		**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A		**0.028 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A		**0.039**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A		**0.081**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		**0.17**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																				
(mg/kg)	Mercury	20	20	30	30	20	N/A		**0.423**	0.089 U	NA	NA	NA	0.07 U	**0.17**	**0.044**	**0.046**	**0.041**	**0.049**	**0.040**
	Arsenic	20	20	20	20	20	N/A		**34.0**	9.97 U	NA	NA	NA	**2.20**	**3.89**	**3.00**	2.98 U	3.01 U	**3.29**	**3.33**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A		**370**	**39.5**	NA	NA	NA	**25**	**119**	**17.5**	**29.1**	**17.7**	**24.9**	**21.3**
	Beryllium	100	100	200	200	100	N/A		0.30 U	1.00 U	NA	NA	NA	NA	NA	0.30 U	0.30 U	0.31 U	0.32 U	0.31 U
	Cadmium	2	2	30	30	2	N/A		**8.78**	1.00 U	NA	NA	NA	0.37 U	**0.81**	0.30 U	0.30 U	0.31 U	0.32 U	0.31 U
	Chromium	30	30	200	200	30	N/A		**154**	**13.7**	NA	NA	NA	**5.52**	**96**	**5.29**	**7.92**	**4.87**	**7.13**	**7.08**
	Lead	300	300	300	300	300	N/A		**2,780**	**12.1**	NA	NA	NA	**26**	**87**	**17.5**	**55.2**	**22.2**	**23.4**	**21.1**
	Nickel	20	20	700	700	20	N/A		**173**	**9.95**	NA	NA	NA	NA	NA	**2.64**	**4.20**	**2.28**	**3.39**	**3.17**
	Silver	100	100	200	200	100	N/A		**29.0**	2.00 U	NA	NA	NA	0.37 U	0.34 U	0.60 U	0.60 U	0.61 U	0.63 U	0.62 U
	Vanadium	600	600	1,000	1,000	600	N/A		**18.2**	20.0 U	NA	NA	NA	NA	NA	**11.7**	**12.7**	**10.6**	**13.5**	**14.5**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A		**1670**	**28.7**	NA	NA	NA	NA	NA	**27.7**	**54.9**	**36.9**	**30.4**	**31.5**
Metals, TCLP																				
(ug/L)	Lead	NS	NS	NS	NS	NS	5,000(1)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No standard available 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 MassDEP Method 1 standards or TCLP criter
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
** - for Reference purposes only.
-sample location to be excavated

TABLE 3-5
Summary of Detected Analytical Results
New Bedford High School - Flag Pole Area (Exposure Point Area HS-5)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: HA29 Sample Depth (ft.): 1-2.5 Sample Date: 12/30/2004	HA29+HB29 1-3 12/30/2004	HB23+HB27 MSB 0.75-3 12/30/2004	HB25 1-3 12/30/2004	HB25+HB26 0.5-3 12/30/2004	HB26 0.5-3 12/30/2004	HB27 1-3 12/30/2004	HB28 1.5-3 12/30/2004	HB28+HB27 1-3 12/30/2004	HB29 1-3 12/30/2004	HB29 1-3 12/28/2004 Field Dup	HS-5 0-0.5 9/9/2004	HS-6 0-0.5 9/9/2004	COMP SS-13-A,F,S,T 0.5-4 9/2/2004	COMP SS-13-AC,AD,AE,AF 0.5-4 9/2/2004	COMP SS-13-AG, AK, AO, AR 0.5-4 9/2/2004	COMP SS-13-AI,BA,BB,BC,B 1-4 9/2/2004	COMP SS-13-AQ,AM,AN,AI,AL 1-4 9/2/2004
EPH																									
(mg/kg)	Phenanthrene	500	500	1000	1,000	10	N/A	NA	NA	NA	NA	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	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	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	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	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	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	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	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	NA	NA	NA	NA
	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	NA	NA	NA	NA
SVOCs/PAHs																									
(mg/kg)	**4-Methylphenol**	200*	5*	NS	NS	500	NA	NA	**0.074**	NA	NA	0.062 U	NA	NA	NA	0.064 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	**0.41 B**	NA	NA	**0.19 B**	NA	NA	NA	**1 B**	NA	NA	NA	NA	2.1 U	0.4 U	0.38 U	0.41 U	2.1 U
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	**0.43**	NA	NA	**0.19**	NA	NA	NA	**0.1 J**	NA	NA	NA	NA	4.2 U	0.8 U	0.76 U	0.82 U	4.2 U
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	**0.98**	NA	NA	**0.25**	NA	NA	NA	**0.35**	NA	NA	NA	NA	**2.9**	**0.62**	0.38 U	0.41 U	2.1 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	NA	**1.6**	NA	NA	**0.42**	NA	NA	NA	**0.49**	NA	NA	NA	NA	**2.6**	0.4 U	0.38 U	**0.61**	2.1 U
	Acenaphthylene	600	10	600	10	1	NA	NA	**0.27**	NA	NA	**0.17**	NA	NA	NA	**0.12**	NA	NA	NA	NA	2.1 U	**0.64**	0.38 U	**0.42**	2.1 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA	NA	**4**	NA	NA	**1.4**	NA	NA	NA	**2.3**	NA	NA	NA	NA	**10**	**1.1**	**0.63**	**1.7**	**4.6**
	Benzo(a)anthracene	7	7	40	40	7	NA	NA	**5**	NA	NA	**4.8**	NA	NA	NA	**5.5**	NA	NA	NA	NA	**17**	**1.7**	**1.4**	**3.6**	**6.9**
	Benzo(a)pyrene	2	2	4	4	2	NA	NA	**6.4**	NA	NA	**3.7**	NA	NA	NA	**4.7**	NA	NA	NA	NA	**7.7**	**0.93**	**0.95**	**3.3**	**5.8**
	Benzo(b)fluoranthene	7	7	40	40	7	NA	NA	**5.1**	NA	NA	**6.1**	NA	NA	NA	**7.5**	NA	NA	NA	NA	**13**	**1**	**1.2**	**3.6**	**5.6**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA	NA	**2.1**	NA	NA	**1.4**	NA	NA	NA	**1.2**	NA	NA	NA	NA	**6.2**	**1**	**1.1**	**2.1**	**3.8**
	Benzo(k)fluoranthene	70	70	400	400	70	NA	NA	**3.3**	NA	NA	**1.9**	NA	NA	NA	**2.8**	NA	NA	NA	NA	**13**	**1.6**	**1.4**	**2.4**	**5**
	Chrysene	70	70	400	400	70	NA	NA	**7.2**	NA	NA	**3.7**	NA	NA	NA	**4.1**	NA	NA	NA	NA	**16**	**1.6**	**1.5**	**3.5**	**6.2**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA	NA	0.06 U	NA	NA	0.062 U	NA	NA	NA	**0.5**	NA	NA	NA	NA	**2.7**	**0.45**	**0.44**	**1.1**	2.1 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA	NA	**9.5**	NA	NA	**7.8**	NA	NA	NA	**11**	NA	NA	NA	NA	**47**	**4.4**	**3.3**	**9.5**	**19**
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA	NA	**1.6**	NA	NA	**0.52**	NA	NA	NA	**0.69**	NA	NA	NA	NA	**3.9**	**0.58**	0.38 U	**0.7**	**3**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA	NA	**2.4**	NA	NA	**1.5**	NA	NA	NA	**1.4**	NA	NA	NA	NA	**6**	**0.95**	**0.94**	**2**	**3.4**
	2-Methylnaphthalene	80	300	80	500	0.7	NA	NA	**0.38**	NA	NA	**0.11**	NA	NA	NA	**0.096**	NA	NA	NA	NA	2.1 U	0.4 U	0.38 U	0.41 U	2.1 U
	Naphthalene	40	500	40	1,000	4	NA	NA	**0.64**	NA	NA	**0.14**	NA	NA	NA	**0.13**	NA	NA	NA	NA	2.1 U	0.4 U	0.38 U	0.41 U	2.1 U
	Phenanthrene	500	500	1,000	1,000	10	NA	NA	**7.7**	NA	NA	**5.8**	NA	NA	NA	**7.4**	NA	NA	NA	NA	**42**	**4.4**	**2.4**	**6.6**	**19**
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA	NA	**9.4**	NA	NA	**7.8**	NA	NA	NA	**19**	NA	NA	NA	NA	**38**	**4.0**	**3.1**	**8.4**	**16**
PCBs																									
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**2.37**	NA	NA	1.24 U	NA	**4.73**	**2.88**	**2.43**	NA	**6.11**	**1.53**	**0.629**	**3.11**	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.059 U	NA	NA	1.24 U	NA	0.062 U	0.062 U	0.061 U	NA	0.062 U	0.061 U	0.11 U	1.13 U	NA	NA	NA	NA	NA
	Aroclor 1262	2	2	3	3	2	1	**0.26**	NA	NA	1.24 U	NA	**0.438**	**0.489**	**0.366**	NA	**0.366**	**0.194**	0.11 U	1.13 U	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**2.63**	NA	NA	2.49 U	NA	**5.168**	**3.369**	**2.796**	NA	**6.476**	**1.724**	**0.629**	**3.11**	NA	NA	NA	NA	NA
Metals																									
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	**9.58**	**91**	NA	**14**	NA	NA	NA	**9.19**	NA	NA	NA	NA	**31**	**10**	**6.8**	**20**	**10**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**742**	**875**	NA	**1,010**	NA	NA	NA	**789**	NA	NA	NA	NA	**130**	**140**	**230**	**430**	**310**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	**5.94**	**82**	NA	**7.14**	NA	NA	NA	**5.82**	NA	NA	NA	NA	**2.4**	**2.1**	**1.2**	**2.2**	**2**
	Chromium	30	30	200	200	30	N/A	NA	**61**	**143**	NA	**91**	NA	NA	NA	**66**	NA	NA	NA	NA	**17**	**22**	**22**	**31**	**27**
	Lead	300	300	300	300	300	N/A	NA	**847**	**985**	NA	**1,790**	NA	NA	NA	**1,310**	NA	NA	NA	NA	**590**	**530**	**450**	**1,200**	**750**
	Mercury	20	20	30	30	20	N/A	NA	**1.37**	**2.33**	NA	**0.715**	NA	NA	NA	**1.44**	NA	NA	NA	NA	**0.54**	**0.46**	**0.42**	**1.2**	**0.95**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	0.7 U	**75**	NA	0.82 U	NA	NA	NA	0.84 U	NA	NA	NA	NA	2.5 U	2.4 U	2.2 U	**4.9**	2.4 U
	Silver	100	100	200	200	100	N/A	NA	**0.7**	**75**	NA	**1.64**	NA	NA	NA	**0.76**	NA	NA	NA	NA	**0.59**	0.48 U	**0.56**	**1.2**	**1.1**
	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	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	NA	NA	NA
Metals, TCLP																									
(ug/L)	Lead, TCLP	NS	NS	NS	NS	NS	5,000[1]	NA	**550**	NA	NA	**2,270**	NA	NA	NA	**1,500**	NA	NA	NA	NA	**770**	NA	NA	NA	NA
	Mercury, TCLP	NS	NS	NS	NS	NS	200[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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.

U - Compound was not detected at specified quantitation limit.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

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 or TCLP standard, as applicable.

Values shown in bold and outlined exceed TSCA standard.

SVOCs - Semivolatile Organic Compounds.

EPH - Extractable Petroleum Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

- sample locations to be covered by pavement.

TABLE 3-5
Summary of Detected Analytical Results
New Bedford High School - Flag Pole Area (Exposure Point Area HS-5)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	COMP SS-13-AS,AT,AU,AV		COMP SS-13-AW,AX,AY,AZ	COMP SS-13-E,L,K,B	COMP SS-13-G,H,I,J	COMP SS-13-M,N,O,P	COMP SS-13-Q,R,C,D	COMP SS-13-U,Z,AA,AB	COMP SS-13-V, W, X, Y	COMP SS-13-V,W, X, Y	SS-13-A	SS-13-AA	SS-13-AB	SS-13-AC	SS-13-AD	SS-13-AE	SS-13-AF	SS-13-AG
		Sample Depth (ft.):							0.5-4	0.5-4	0.5-4	0.5-4	0.5-4	1-4	1-4	1-4	0.5-4	0.5-4	0.5-4	1-4	2.5-4	2-4	1-4	1-4	0.5-4	1-4
		Sample Date:							9/2/2004	9/2/2004 Field Dup	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004
EPH																										
(mg/kg)	Phenanthrene		500	500	1000	1,000	10	N/A	NA	NA	NA	NA	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	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	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	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	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	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	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	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	NA	NA	NA	NA
	Dibenzo(a,h)anthracene		0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA
	C19 - C36 Aliphatics		3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics		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	NA	NA	NA	NA
SVOCs/PAHs																										
(mg/kg)	4-Methylphenol		200*	5*	NS	NS	500	**NA**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate		NS	NS	NS	NS	50	**NA**	0.42 U	0.42 U	0.43 U	0.4 U	0.39 U	0.45 U	0.37 U	2.1 U	NA	0.4 U	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate		200	200	700	700	200	**NA**	0.83 U	0.83 U	0.85 U	0.8 U	0.78 U	0.9 U	0.74 U	4.3 U	NA	0.8 U	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran		10*	10*	NS	NS	100	**NA**	0.42 U	**0.5**	0.43 U	0.4 U	0.39 U	0.45 U	**0.56**	2.1 U	NA	0.4 U	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene		1,000	1,000	3,000	3,000	4	**NA**	0.42 U	**0.85**	**0.55**	0.4 U	0.39 U	**0.56**	0.37 U	2.1 U	NA	**0.55**	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene		600	10	600	10	1	**NA**	**0.42**	**0.52**	0.43 U	0.4 U	0.39 U	0.45 U	**4**	2.1 U	NA	**1.5**	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene		1,000	1,000	3,000	3,000	1,000	**NA**	**0.85**	**2.8**	**1.4**	**0.85**	**1**	**1.3**	**2.2**	2.1 U	NA	**2.0**	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene		7	7	40	40	7	**NA**	**2**	**5.1**	**3.9**	**2**	**2.2**	**2.8**	**10**	2.1 U	NA	**3.6**	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene		2	2	4	4	2	**NA**	**1.9**	**4.4**	**3.4**	**1.8**	**2**	**2.4**	**11**	2.1 U	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene		7	7	40	40	7	**NA**	**2.1**	**4.9**	**3.3**	**1.9**	**2**	**2.4**	**8.4**	2.1 U	NA	**2.8**	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene		1,000	1,000	3,000	3,000	1,000	**NA**	**1.4**	**2.8**	**2.2**	**1.3**	**1.5**	**1.6**	**6.3**	2.1 U	NA	**2.6**	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene		70	70	400	400	70	**NA**	**1.9**	**3.1**	**3.2**	**1.5**	**1.8**	**2.2**	**14**	2.1 U	NA	**3.5**	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene		70	70	400	400	70	**NA**	**2.1**	**5.1**	**3.6**	**2**	**2.2**	**2.8**	**11**	2.1 U	NA	**4.3**	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene		0.7	0.7	4	4	1	**NA**	**0.62**	**1.4**	**1.2**	**0.64**	**0.76**	**0.72**	**2.5**	2.1 U	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene		1,000	1,000	3,000	3,000	1,000	**NA**	**4.7**	**14**	**9.4**	**4.3**	**5.1**	**6.5**	**33**	**4**	NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene		1,000	1,000	3,000	3,000	1,000	**NA**	0.42 U	**0.93**	**0.53**	0.4 U	0.39 U	**0.52**	**1.1**	2.1 U	NA	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene		7	7	40	40	7	**NA**	**1.2**	**2.7**	**2**	**1.2**	**1.4**	**1.4**	**5.6**	2.1 U	NA	**2.3**	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene		80	300	80	500	0.7	**NA**	0.42 U	0.42 U	0.43 U	0.4 U	0.39 U	0.45 U	0.37 U	2.1 U	NA	**8.6**	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene		40	500	40	1,000	4	**NA**	0.42 U	0.42 U	0.43 U	0.4 U	0.39 U	0.45 U	0.37 U	2.1 U	NA	**40**	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene		500	500	1,000	1,000	10	**NA**	**3.2**	**11**	**5.8**	**2.3**	**3.6**	**5.2**	**14**	**2.9**	NA	**7.5**	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene		1,000	1,000	3,000	3,000	1,000	**NA**	**4.5**	**13**	**8.2**	**4.4**	**5**	**5.9**	**25**	**3.7**	NA	**8.8**	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																										
(mg/kg)	Aroclor 1254		2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0379 U	0.045 U	**0.0988**	**0.352**	0.0476 U	0.0444 U	**12.6**	**0.0584**
	Aroclor 1260		2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0379 U	0.045 U	0.0412 U	**0.187**	0.0476 U	**0.172**	0.855 U	0.0351 U
	Aroclor 1262		2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0379 U	0.045 U	0.0412 U	0.0366 U	0.0476 U	0.0444 U	0.855 U	0.0351 U
	Total PCBs		2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0379 U	0.045 U	**0.0988**	**0.539**	0.0476 U	**0.172**	**12.6**	**0.0584**
Metals																										
(mg/kg)	Arsenic		20	20	20	20	20	N/A	**17**	**17**	**19**	**48**	**19**	**16**	**6**	**27**	NA	**10**	NA	NA	NA	NA	NA	NA	NA	NA
	Barium		1,000	1,000	3,000	3,000	1,000	N/A	**400**	**230**	**250**	**22**	**500**	**380**	**120**	**390**	NA	**380**	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	NA	NA	NA	NA
	Cadmium		2	2	30	30	2	N/A	**2.6**	**2.5**	**1.7**	**2.6**	**2.4**	**2.7**	**1**	**3.3**	NA	**4**	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium		30	30	200	200	30	N/A	**44**	**42**	**32**	**53**	**73**	**36**	**8.9**	**38**	NA	**39**	NA	NA	NA	NA	NA	NA	NA	NA
	Lead		300	300	300	300	300	N/A	**860**	**1,600**	**640**	**720**	**1,100**	**1,300**	**560**	**1,500**	NA	**1,000**	**2,200**	**1,800**	**2,200**	**320**	**160**	**370**	**1,100**	**4.6**
	Mercury		20	20	30	30	20	N/A	**0.95**	**1.1**	**0.76**	**76**	**0.73**	**0.79**	**0.32**	**0.5**	NA	1.5	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	NA	NA	NA	NA	NA
	Selenium		400	400	800	800	400	N/A	2.4 U	**3.1**	2.6 U	2.4 U	12 U	2.7 U	2.2 U	2.6 U	NA	2.4 U	NA	NA	NA	NA	NA	NA	NA	NA
	Silver		100	100	200	200	100	N/A	**1.1**	**1**	**0.59**	**0.77**	**1**	**0.89**	0.44 U	**1.3**	NA	**0.54**	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	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	NA	NA	NA
Metals, TCLP																										
(ug/L)	Lead, TCLP		NS	NS	NS	NS	NS	5,000[1]	NA	NA	NA	**600**	**7,100**	**2,400**	**2,000**	**1,500**	**5,200**	NA	**22,000**	**1,500**	**2,900**	**2,000**	NA	NA	NA	NA
	Mercury, TCLP		NS	NS	NS	NS	NS	200[1]	NA	NA	NA	**2**	NA	NA	NA	NA	NA	NA	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.

U - Compound was not detected at specified quantitation limit.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

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 or TCLP standard, as applicable.

Values shown in bold and outlined exceed TSCA standard.

SVOCs - Semivolatile Organic Compounds.

EPH - Extractable Petroleum Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

- sample locations to be covered by pavement.

TABLE 3-5
Summary of Detected Analytical Results
New Bedford High School - Flag Pole Area (Exposure Point Area HS-5)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: SS-13-AI	SS-13-AJ	SS-13-AK	SS-13-AL	SS-13-AM	SS-13-AN	SS-13-AO	SS-13-AQ	SS-13-AR	SS-13-AS	SS-13-AT	SS-13-AU	SS-13-AV	SS-13-AW		SS-13-AX	SS-13-AY	SS-13-AZ
	Sample Depth (ft.):							1-4	1-4	0.5-1.5	1-4	1-4	1-4	1-4	1-4	0.5-1.5	0.5-4	1-4	1-4	1-4	1-4	1-4	0.5-4	0.5-4	0.5-4
	Sample Date:							9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004 Field Dup	9/2/2004	9/2/2004	9/2/2004
EPH																									
(mg/kg)	Phenanthrene	500	500	1000	1,000	10	N/A	NA	NA	NA	NA	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	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	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	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	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	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	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	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	NA	NA	NA	NA
	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	NA	NA	NA	NA
SVOCs/PAHs																									
(mg/kg)	4-Methylphenol	200*	5*	NS	NS	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																									
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**1.44**	**0.719**	**0.298**	**0.47**	**4.56**	**1.57**	**4.87**	**5.48**	**0.425**	**0.439**	**1.56**	**0.139**	**0.234**	**1.66**	**0.597**	**2.21**	**0.13**	0.0444 U
	Aroclor 1260	2	2	3	3	2	1	**0.796**	**0.341**	**0.135**	**0.461**	0.427 U	0.208 U	0.383 U	0.417 U	**0.242**	**0.23**	0.0417 U	**0.0804**	**0.139**	0.219 U	**0.358**	0.228 U	**0.0523**	0.0444 U
	Aroclor 1262	2	2	3	3	2	1	0.211 U	0.0412 U	0.0351 U	0.0402 U	0.427 U	0.208 U	0.383 U	0.417 U	0.0379 U	0.0463 U	0.0417 U	0.0417 U	0.0374 U	0.219 U	0.0433 U	0.228 U	0.045 U	0.0444 U
	Total PCBs	2	2	3	3	2	1	**2.236**	**1.06**	**0.433**	**0.931**	**4.56**	**1.57**	**4.87**	**5.48**	**0.667**	**0.669**	**1.56**	**0.2194**	**0.373**	**1.66**	**0.955**	**2.21**	**0.1823**	0.0444 U
Metals																									
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	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	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	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	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	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**2,100**	**960**	**250**	**1,400**	**970**	**1,800**	**1,200**	**720**	**560**	**440**	**4,200**	**840**	**540**	**990**	**1,000**	**1,000**	**380**	**130**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	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	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	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	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	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	NA	NA	NA
Metals, TCLP																									
(ug/L)	Lead, TCLP	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Mercury, TCLP	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA standard.
SVOCs - Semivolatile Organic Compounds.
EPH - Extractable Petroleum Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be covered by pavement.

TABLE 3-5
Summary of Detected Analytical Results
New Bedford High School - Flag Pole Area (Exposure Point Area HS-5)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SS-13-B	SS-13-BA	SS-13-BB	SS-13-BC	SS-13-BD	SS-13-C	SS-13-D	SS-13-E	SS-13-F	SS-13-G	SS-13-H	SS-13-I	SS-13-J	SS-13-K	SS-13-L	SS-13-M	SS-13-N
		Sample Depth (ft.):						0.5-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	0.5-4	0.5-4	1-4	1-4	2-4	0.5-4	0.5-4	1-4	1-4
		Sample Date:						9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA																	
EPH																								
(mg/kg)	Phenanthrene	500	500	1000	1,000	10	N/A	NA	NA	NA	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	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	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	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	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	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	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	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	NA	NA	NA
	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	NA	NA	NA
SVOCs/PAHs																								
(mg/kg)	4-Methylphenol	200*	5*	NS	NS	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																								
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.298**	**0.427**	**0.124**	**0.219**	**0.221**	**0.0541**	0.0406 U	0.045 U	**0.0731**	0.0351 U	**0.358**	**1.25**	**1.53**	**0.133**	**0.572**	**0.0467**	0.0427 U
	Aroclor 1260	2	2	3	3	2	1	**0.346**	**0.21**	**0.0575**	**0.342**	0.0427 U	**0.212**	0.0406 U	0.045 U	0.0444 U	0.0351 U	**0.0956**	**0.592**	**1.22**	0.0397 U	**0.143**	**0.0459**	0.0427 U
	Aroclor 1262	2	2	3	3	2	1	0.0358 U	0.0402 U	0.0412 U	0.0417 U	0.0427 U	0.0402 U	0.0406 U	0.045 U	0.0444 U	0.0351 U	0.0412 U	0.228 U	0.196 U	0.0397 U	0.0433 U	0.0433 U	0.0427 U
	Total PCBs	2	2	3	3	2	1	**0.644**	**0.637**	**0.1815**	**0.561**	**0.221**	**0.2661**	0.0406 U	0.045 U	**0.0731**	0.0351 U	**0.4536**	**1.842**	**2.75**	**0.133**	**0.715**	**0.0926**	0.0427 U
Metals																								
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	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	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	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	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	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**930**	**1,300**	**1,600**	**530**	**620**	**930**	**380**	**490**	**660**	**38**	**9,700**	**2,300**	**1,600**	**72**	**480**	**950**	**1,300**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	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	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	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	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	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	NA	NA
Metals, TCLP																								
(ug/L)	Lead, TCLP	NS	NS	NS	NS	NS	5,000[1]	**1,000**	NA	NA	NA	NA	**2,000**	500 U	**530**	**2,100**	NA	**3,300**	**2,300**	**1,900**	NA	**900**	**3,900**	**610**
	Mercury, TCLP	NS	NS	NS	NS	NS	200[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	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.

U - Compound was not detected at specified quantitation limit.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

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 or TCLP standard, as applicable.

Values shown in bold and outlined exceed TSCA standard.

SVOCs - Semivolatile Organic Compounds.

EPH - Extractable Petroleum Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

- sample locations to be covered by pavement.

TABLE 3-5
Summary of Detected Analytical Results
New Bedford High School - Flag Pole Area (Exposure Point Area HS-5)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	SS-13-O 1-4 9/2/2004	SS-13-P 1-4 9/2/2004	SS-13-Q 1-4 9/2/2004	SS-13-R 1-4 9/2/2004	SS-13-S 1-4 9/2/2004	SS-13-T 0.5-4 9/2/2004	SS-13-U 1-4 9/2/2004	SS-13-V 0.5-1.5 9/2/2004	SS-13-W 1-4 9/2/2004	SS-13-X 0.5-4 9/2/2004	SS-13-Y 0.5-4 9/2/2004	SS-13-Y 0.5-4 9/2/2004 Field Dup	SS-13-Z 1-4 9/2/2004	SB-349 1 8/21/2008	SB-349 8 8/21/2008	SB-349 8 8/21/2008 Field Dup	SB-349 11 8/21/2008	SB-349 14 8/21/2008
EPH																									
(mg/kg)	Phenanthrene	500	500	1000	1,000	10	N/A	NA	NA	NA	NA	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	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	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	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	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	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	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	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	NA	NA	NA	NA
	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	NA	NA	NA	NA
SVOCs/PAHs																									
(mg/kg)	4-Methylphenol	200*	5*	NS	NS	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.240 U	0.206 U	0.627 U	NA
	Acenaphthylene	600	10	600	10	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.240 U	0.206 U	0.627 U	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.251**	**0.466**	0.627 U	NA
	Benzo(a)anthracene	7	7	40	40	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.771**	**1.24**	0.627 U	NA
	Benzo(a)pyrene	2	2	4	4	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.715**	**1.12**	0.627 U	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.762**	**1.13**	0.627 U	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.649**	**0.864**	0.627 U	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.296**	**0.442**	0.627 U	NA
	Chrysene	70	70	400	400	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.851**	**1.26**	0.627 U	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.240 U	0.206 U	0.627 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.53**	**2.56**	0.627 U	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.240 U	0.206 U	0.627 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.679**	**0.960**	0.627 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.240 U	0.206 U	0.627 U	NA
	Naphthalene	40	500	40	1,000	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.240 U	0.206 U	0.627 U	NA
	Phenanthrene	500	500	1,000	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.19**	**2.00**	0.627 U	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.69**	**2.61**	0.627 U	NA
PCBs																									
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.0436**	0.0463 U	0.0344 U	0.0347 U	**1.34**	**0.184**	0.0463 U	**0.134**	**0.0494**	0.0438 U	**0.671**	**0.367**	0.045 U	**2.50 J**	**0.174 J**	**0.323 J**	0.186 UJ	NA
	Aroclor 1260	2	2	3	3	2	1	0.0427 U	0.0463 U	0.0344 U	0.0347 U	**0.519**	**0.048**	0.0463 U	**0.0391**	**0.0899**	**0.0779**	**0.296**	**0.226**	0.045 U	**1.72 J**	0.0704 UJ	**0.181 J**	0.186 UJ	NA
	Aroclor 1262	2	2	3	3	2	1	0.0427 U	0.0463 U	0.0344 U	0.0347 U	0.225 U	0.0417 U	0.0463 U	0.0351 U	0.0422 U	0.0438 U	0.0417 U	0.0438 U	0.045 U	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.0436**	0.0463 U	0.0344 U	0.0347 U	**1.859**	**0.232**	0.0463 U	**0.1731**	**0.1393**	**0.0779**	**0.967**	**0.593**	0.045 U	**4.22 J**	**0.174 J**	**0.504 J**	0.186 UJ	NA
Metals																									
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10.9**	**10.8**	**14.5**	2.97 U
	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	**212**	**147**	**152**	5.94 U
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.46**	**0.33**	0.94 U	0.30 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.74**	**0.63**	0.94 U	0.30 U
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**22.7**	**23.3**	**27.0**	**2.90**
	Lead	300	300	300	300	300	N/A	**420**	**380**	**4.4**	**3.2**	**1,100**	**350**	**140**	**48**	**11,000**	**3,900**	**610**	**730**	**280**	NA	**571**	**374**	**207**	**2.75**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.098**	**0.140**	**0.304**	0.016 U
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**48.1**	**23.1**	**39.3**	**1.96**
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.19 U	6.16 U	18.8 U	5.94 U
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**6.99**	**11.0**	**8.92**	0.60 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**24.3**	**19.6**	**27.7**	5.94 U
	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	**2,670**	**385**	**665**	**7.34**
Metals, TCLP																									
(ug/L)	Lead, TCLP	NS	NS	NS	NS	NS	5,000(1)	**950**	500 U	NA	NA	**2,900**	**1,300**	500 U	NA	**32,000**	**30,000**	**640**	**2,500**	**880**	NA	NA	NA	NA	NA
	Mercury, TCLP	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA standard.
SVOCs - Semivolatile Organic Compounds.
EPH - Extractable Petroleum Hydrocarbons.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be covered by pavement.

TABLE 3-5
Summary of Detected Analytical Results
New Bedford High School - Flag Pole Area (Exposure Point Area HS-5)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						VSS-13			SS-47	SS-48	SS-49
		Sample Depth (ft.):						0-0.5	0.5-1	1-2	0-0.5	0-0.5	0-0.5
		Sample Date:						7/23/2001	7/23/2001	7/23/2001	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						
EPH													
(mg/kg)	Phenanthrene	500	500	1000	1,000	10	N/A	NA	NA	**3.4**	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**1.0**	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**5.4**	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**5.1**	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	**1.8**	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	**2.0**	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	**1.6**	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	**0.90**	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	**2.0**	NA	NA	NA
	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	**1.2**	NA	NA	NA
	Benzo(ghi)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**1.3**	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	**59**	NA	NA	NA
	C11 - C22 Aromatics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**31**	NA	NA	NA
SVOCs/PAHs													
(mg/kg)	4-Methylphenol	200*	5*	NS	NS	500	NA	NA	NA	0.53 U	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	NA	NA	NA	1.6 U	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	NA	NA	NA	1.6 U	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	NA	**1.0**	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	0.210 U	0.208 U	**1.7**	0.210 U	0.208 U	0.211 U
	Acenaphthylene	600	10	600	10	1	NA	0.210 U	0.208 U	0.53 U	0.210 U	0.208 U	0.211 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA	0.210 U	0.208 U	**3.9**	0.210 U	0.208 U	0.211 U
	Benzo(a)anthracene	7	7	40	40	7	NA	0.210 U	0.208 U	**5.2**	0.210 U	0.208 U	0.211 U
	Benzo(a)pyrene	2	2	4	4	2	NA	0.210 U	0.208 U	**3.3**	0.210 U	0.208 U	0.211 U
	Benzo(b)fluoranthene	7	7	40	40	7	NA	0.210 U	0.208 U	**4.7**	0.210 U	0.208 U	0.211 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA	0.210 U	0.208 U	**1.7**	0.210 U	0.208 U	0.211 U
	Benzo(k)fluoranthene	70	70	400	400	70	NA	0.210 U	0.208 U	**1.4**	0.210 U	0.208 U	0.211 U
	Chrysene	70	70	400	400	70	NA	0.210 U	0.208 U	**3.9**	0.210 U	0.208 U	0.211 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	NA	0.210 U	0.208 U	0.53 U	0.210 U	0.208 U	0.211 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA	**0.345**	0.208 U	**12**	**0.345**	0.208 U	0.211 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA	0.210 U	0.208 U	**1.6**	0.210 U	0.208 U	0.211 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA	0.210 U	0.208 U	**2.3**	0.210 U	0.208 U	0.211 U
	2-Methylnaphthalene	80	300	80	500	0.7	NA	0.210 U	0.208 U	0.53 U	0.210 U	0.208 U	0.211 U
	Naphthalene	40	500	40	1,000	4	NA	0.210 U	0.208 U	**0.59**	0.210 U	0.208 U	0.211 U
	Phenanthrene	500	500	1,000	1,000	10	NA	0.210 U	0.208 U	**12**	0.210 U	0.208 U	0.211 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA	**0.246**	0.208 U	**8.4**	**0.246**	0.208 U	0.211 U
PCBs													
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.221**	0.100 U	0.100 U	**1.64** *	0.0581 U	**0.108** *
	Aroclor 1260	2	2	3	3	2	1	0.100 U	**1.34**	**0.657**	0.0583 U	0.0581 U	**0.077** *
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.221**	**1.34**	**0.657**	**1.64**	0.0581 U	**0.185**
Metals													
(mg/kg)	Arsenic	20	20	20	20	20	N/A	**2.92**	**6.47**	**8.89**	**3.48**	**3.50**	**3.98**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**65**	**348**	**255**	**52.9**	**33.5**	**86.0**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	0.32 U	0.32 U	0.32 U
	Cadmium	2	2	30	30	2	N/A	**0.59**	**1.60**	**1.38**	**0.60**	**0.34**	**0.72**
	Chromium	30	30	200	200	30	N/A	**8.70**	**16**	**18**	**9.34**	**7.73**	**13.0**
	Lead	300	300	300	300	300	N/A	**154**	**1,010**	**777**	**105**	**47.4**	**253**
	Mercury	20	20	30	30	20	N/A	**0.15**	**0.57**	**0.24**	**0.107**	**0.096**	**0.094**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	**4.98**	**3.69**	**6.74**
	Selenium	400	400	800	800	400	N/A	0.70 U	0.68 U	0.71 U	6.28 U	6.24 U	6.33 U
	Silver	100	100	200	200	100	N/A	0.35 U	0.34 U	0.35 U	0.63 U	0.63 U	0.64 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	**14.8**	**14.8**	**17.6**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	**78.3**	**47.9**	**151**
Metals, TCLP													
(ug/L)	Lead, TCLP	NS	NS	NS	NS	NS	5,000[1]	NA	NA	NA	NA	NA	NA
	Mercury, TCLP	NS	NS	NS	NS	NS	200[1]	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.

U - Compound was not detected at specified quantitation limit.

J - Estimated value; below quantitation limit.

B - Detected in associated laboratory method blank.

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 or TCLP standard, as applicable.

Values shown in bold and outlined exceed TSCA standard.

SVOCs - Semivolatile Organic Compounds.

EPH - Extractable Petroleum Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

- sample locations to be covered by pavement.

TABLE 3-6
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1^	TSCA	HB23+HD23	HD19	HD-19A			HD-19B		HD-19C		HD-19D		HD19+HD20 +HD21	HD20			
		Sample Depth (ft.):							0.75-3	2-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1.5-3	0-1	1-3	1-3
		Sample Date:							12/29/2004	12/29/2004	3/9/2009	3/9/2009	3/9/2009 Field Dup	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	12/29/2004	12/29/2004	4/2/2009	4/2/2009	4/2/2009 Field Dup
SVOCs/PAHs																								
(mg/kg)	Di-n-butylphthalate		NS	NS	NS	NS	50	N/A	0.81 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.93 U	NA	NA	NA	NA
	Dibenzofuran		10*	10*	NS	NS	100	N/A	0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.87**	NA	0.390 U	4.06 U	4.09 U
	Acenaphthene		1,000	1,000	3,000	3,000	4	N/A	0.27 U	NA	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	**1.1**	NA	0.192 U	2.03 U	**3.25**
	Acenaphthylene		600	10	600	10	1	N/A	0.27 U	NA	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	**1.8**	NA	0.192 U	2.03 U	2.05 U
	Anthracene		1,000	1,000	3,000	3,000	1,000	N/A	0.27 U	NA	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.467**	**6.7**	NA	0.192 U	2.03 U	**8.58**
	Benzo(a)anthracene		7	7	40	40	7	N/A	**0.41**	NA	**0.407**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**1.07**	**33**	NA	0.192 U	2.03 U	**14.6**
	Benzo(a)pyrene		2	2	4	4	2	N/A	0.27 U	NA	**0.414**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.942**	**33**	NA	0.192 U	2.03 U	**12.0**
	Benzo(b)fluoranthene		7	7	40	40	7	N/A	0.27 U	NA	**0.510**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**1.31**	**25**	NA	0.192 U	**2.41**	**17.3**
	Benzo(g,h,i)perylene		1,000	1,000	3,000	3,000	1,000	N/A	0.27 U	NA	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.439**	**33**	NA	0.192 U	2.03 U	**5.04**
	Benzo(k)fluoranthene		70	70	400	400	70	N/A	0.27 U	NA	**0.218**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.557**	**15**	NA	0.192 U	2.03 U	**6.34**
	Chrysene		70	70	400	400	70	N/A	**0.35**	NA	**0.408**	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**1.07**	**25**	NA	0.192 U	2.03 U	**14.7**
	Dibenz(a,h)anthracene		0.7	0.7	4	4	1	N/A	0.27 U	NA	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	0.31 U	NA	0.192 U	2.03 U	2.05 U
	Fluoranthene		1,000	1,000	3,000	3,000	1,000	N/A	**0.95**	NA	**1.17**	**0.389**	NA	**0.196**	0.189 U	**0.223**	**0.565**	0.204 U	**3.31**	**36**	NA	0.192 U	**3.40**	**31.0**
	Fluorene		1,000	1,000	3,000	3,000	1,000	N/A	0.27 U	NA	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	**1.8**	NA	0.192 U	2.03 U	**4.24**
	Indeno(1,2,3-cd)pyrene		7	7	40	40	7	N/A	0.27 U	NA	0.196 U	0.198 U	NA	0.187 U	0.189 U	0.191 U	0.387 U	0.204 U	**0.577**	**22**	NA	0.192 U	2.03 U	**5.96**
	2-Methylnaphthalene		80	300	80	500	0.7	N/A	0.27 U	NA	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	**0.31**	NA	0.192 U	2.03 U	2.05 U
	Naphthalene		40	500	40	1,000	4	N/A	0.27 U	NA	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	**0.42**	NA	0.192 U	2.03 U	2.05 U
	Phenanthrene		500	500	1,000	1,000	10	N/A	**0.3**	NA	**0.543**	**0.245**	NA	0.187 U	0.189 U	**0.204**	**0.447**	0.204 U	**2.03**	**25**	NA	0.192 U	**2.94**	**38.0**
	Pyrene		1,000	1,000	3,000	3,000	1,000	N/A	**0.74**	NA	**0.820**	**0.322**	NA	0.187 U	0.189 U	0.191 U	**0.603**	0.204 U	**2.02**	**35**	NA	0.192 U	**3.43**	**22.0**
PCBs																								
(mg/kg)	Aroclor 1248		2	2	3	3	2	1	NA	0.053 U	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	0.066 U	NA	NA	NA
	Aroclor 1254		2	2	3	3	2	1	NA	**14.7**	**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	**0.698**	NA	NA	NA
	Aroclor 1260		2	2	3	3	2	1	NA	0.053 U	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	0.066 U	NA	NA	NA
	Aroclor 1262		2	2	3	3	2	1	NA	**3.96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.31**	NA	NA	NA
	Total PCBs		2	2	3	3	2	1	NA	**18.66**	**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	**1.008**	NA	NA	NA
PCB Homologs																								
(mg/kg)	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	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	NA	NA
Metals																								
(mg/kg)	Arsenic		20	20	20	20	20	N/A	**2.59**	NA	**3.68**	**5.76**	NA	2.80 U	2.83 U	2.87 U	**14.4**	3.06 U	**4.11**	**8.19**	NA	2.87 U	**34.6**	**33.6**
	Barium		1,000	1,000	3,000	3,000	1,000	N/A	**209**	NA	**174**	**316**	NA	**89.8**	**15.3**	**17.4**	**321**	**23.4**	**146**	**776**	NA	**18.7**	**378**	**519**
	Cadmium		2	2	30	30	2	N/A	**1.95**	NA	**0.65**	**1.21**	NA	**0.55**	0.29 U	0.29 U	**1.55**	0.31 U	**0.42**	**6.51**	NA	0.29 U	**2.36**	**1.71**
	Chromium		30	30	200	200	30	N/A	**21**	NA	**20.7**	**246**	NA	**11.1**	**1.90**	**4.78**	**24.1**	**5.77**	**17.6**	**77**	NA	**5.81**	**37.9**	**53.9**
	Lead		300	300	300	300	300	N/A	**183**	NA	**205**	**432**	NA	**156**	**5.32**	**20.3**	**525**	**20.8**	**195**	**1,220**	NA	**13.2**	**2,760**	**4,000**
	Mercury		20	20	30	30	20	N/A	**0.166**	NA	**0.277**	**0.316**	NA	**0.319**	0.019 U	**0.029**	**0.168**	**0.047**	**0.170**	**0.62**	NA	NA	NA	NA
	Nickel		20	20	700	700	20	N/A	NA	NA	**7.03**	**18.5**	NA	**4.32**	**1.52**	**2.48**	**14.9**	**2.73**	**7.82**	NA	NA	NA	NA	NA
	Silver		100	100	200	200	100	N/A	0.29 U	NA	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	**0.95**	NA	NA	NA	NA
	Vanadium		600	600	1,000	1,000	600	N/A	NA	NA	**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	NA	NA	**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	NA	NA
Metals, TCLP																								
(ug/L)	Barium		NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium		NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead		NS	NS	NS	NS	NS	5,000(1)	**440**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,390**	NA	NA	NA	NA
Oxidation/Reduction Potential																								
(mV)	Oxidation/Reduction Potential		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	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	NA	NA

Notes:

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

ug/L - micrograms per liter.

mV - milliVolt.

s.u. - Standard unit.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

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 or TCLP standard, as applicable.

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

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TCLP - Toxicity Characteristic Leaching Procedure.

TSCA - Toxic Substances Control Act criteria.

2004 and 2005 Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

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

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

** - TRC developed standards.

^ - For reference purposes only.

[redacted] - sample location to be excavated.

TABLE 3-6
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HD-20A		HD-20B			HD-20C		HD-20D		HD-20E	HD-20F	HD-20G	HD-20H	HD21		
		Sample Depth (ft.):						0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	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	5/19/2009	5/19/2009 Field Dup	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	12/29/2004	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																
SVOCs/PAHs																							
(mg/kg)	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.440 U	2.11 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.20 U	**0.47**	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	NA	0.220 U	1.06 U
	Acenaphthylene	600	10	600	10	1	N/A	0.20 U	0.40 U	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	NA	0.220 U	1.06 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**0.31**	**1.1**	0.20 U	0.41 U	0.21 U	0.20 U	**0.34**	0.19 U	**0.78**	NA	NA	NA	NA	NA	0.220 U	**1.56**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.98**	**1.6**	0.20 U	0.41 U	0.21 U	0.20 U	**1.1**	0.19 U	**1.8**	NA	NA	NA	NA	NA	**0.341**	**5.64**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.76**	**1.3**	0.20 U	0.41 U	0.21 U	0.20 U	**1.0**	0.19 U	**1.6**	NA	NA	NA	NA	NA	0.220 U	**4.94**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**1.0**	**1.6**	0.20 U	0.41 U	0.21 U	0.20 U	**1.5**	0.19 U	**1.9**	NA	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	**0.38**	**0.74**	0.20 U	0.41 U	0.21 U	0.20 U	**0.46**	0.19 U	**0.82**	NA	NA	NA	NA	NA	0.220 U	**2.09**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**0.40**	**0.67**	0.20 U	0.41 U	0.21 U	0.20 U	**0.57**	0.19 U	**0.75**	NA	NA	NA	NA	NA	0.220 U	**2.70**
	Chrysene	70	70	400	400	70	N/A	**0.98**	**1.6**	0.20 U	0.41 U	0.21 U	0.20 U	**1.2**	0.19 U	**1.9**	NA	NA	NA	NA	NA	**0.344**	**5.70**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.20 U	0.40 U	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	NA	0.220 U	1.06 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**1.8**	**3.1**	0.20 U	0.41 U	0.21 U	0.20 U	**2.0**	0.19 U	**3.4**	NA	NA	NA	NA	NA	**0.447**	**8.84**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**0.56**	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	NA	0.220 U	1.06 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.46**	**0.59**	0.20 U	0.41 U	0.21 U	0.20 U	**0.56**	0.19 U	**1.0**	NA	NA	NA	NA	NA	0.220 U	**2.73**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.20 U	0.40 U	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	NA	0.220 U	1.06 U
	Naphthalene	40	500	40	1,000	4	N/A	0.20 U	**0.43**	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	NA	0.220 U	1.06 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**1.2**	**4.1**	0.20 U	0.41 U	0.21 U	0.20 U	**1.6**	0.19 U	**3.4**	NA	NA	NA	NA	NA	**0.495**	**6.94**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**1.6**	**2.3**	0.20 U	0.41 U	0.21 U	0.20 U	**1.4**	0.19 U	**3.1**	NA	NA	NA	NA	NA	**0.579**	**7.33**
PCBs																							
(mg/kg)	Aroclor 1248	2	2	3	3	2	**1**	0.0556 U	0.376 U	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	0.057 U	NA	NA
	Aroclor 1254	2	2	3	3	2	**1**	**0.105 J**	**6.11 J**	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	**1.525**	NA	NA
	Aroclor 1260	2	2	3	3	2	**1**	0.0556 U	**4.69 J**	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	0.057 U	NA	NA
	Aroclor 1262	2	2	3	3	2	**1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.057 U	NA	NA
	Total PCBs	2	2	3	3	2	**1**	**0.105 J**	**10.80 J**	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	**1.525**	NA	NA
PCB Homologs																							
(mg/kg)	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	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	NA	NA
Metals																							
(mg/kg)	Arsenic	20	20	20	20	20	N/A	2.9 U	**12**	**3.1**	**22**	**86**	**3.6**	**12**	2.9 U	**14**	2.8 U	2.8 U	**10**	**8.5**	NA	3.29 U	**24.2**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**26**	**490**	**23**	**570**	**720**	**37**	**2,100**	**38**	**510**	**170**	**86**	**370**	**1,300**	NA	**160**	**3,520**
	Cadmium	2	2	30	30	2	N/A	0.29 U	**5.3**	0.30 U	**3.5**	**2.8**	**0.33**	**2.7**	**0.29**	**2.9**	**1.2**	**0.29**	**3.4**	**4.1**	NA	**0.38**	**5.67**
	Chromium	30	30	200	200	30	N/A	**6.4**	**57**	**6.7**	**66**	**42**	**8.4**	**99**	**6.9**	**58**	NA	NA	NA	NA	NA	**10.4**	**595**
	Lead	300	300	300	300	300	N/A	**29**	**820**	**20**	**670**	**610**	**25**	**1,000**	**41**	**1,200**	**220**	**74**	**2,400**	**1,100**	NA	**88.5**	**1,740**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	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	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	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	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	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																							
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																							
(mV)	Oxidation/Reduction Potential	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	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	NA	NA

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
mV - milliVolt.
s.u. - Standard unit.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
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.
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Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
2004 and 2005 Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
(a) - The sample was re-collected on 3/31/2009 and analyzed for dibenzofuran.
* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.
** - TRC developed standards.
^ - For reference purposes only.
[redacted] - sample location to be excavated.

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Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HD-21A		HD-21B		HD-21C			HD-21D		HD-21E	HD-21F	HD-21G	HD-21H	HD-21K		HD-21O
		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	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 Field Dup	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	7/6/2009	7/6/2009 Field Dup	7/6/2009
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1^	TSCA																
SVOCs/PAHs																							
(mg/kg)	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	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	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	0.19 U	**0.30**	NA
	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	0.19 U	0.20 U	NA
	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**	0.19 U	**0.74**	NA
	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**	**0.60**	**2.1**	NA
	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**	**0.60**	**1.9**	NA
	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**	**0.76**	**2.7**	NA
	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**	**0.30**	**0.82**	NA
	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**	**0.31**	**0.96**	NA
	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**	**0.64**	**2.1**	NA
	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**	0.19 U	**0.26**	NA
	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**	**1.0**	**3.6**	NA
	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	0.19 U	**0.36**	NA
	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**	**0.37**	**1.1**	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	0.19 U	0.20 U	NA
	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	0.19 U	**0.32**	NA
	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**	**0.69**	**3.2**	NA
	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**	**0.90**	**2.7**	NA
PCBs																							
(mg/kg)	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	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	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	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	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	NA	NA	NA
PCB Homologs																							
(mg/kg)	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	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	NA	NA
Metals																							
(mg/kg)	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**	NA	NA	NA
	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**	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**	NA	NA	NA
	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**	NA	NA	NA
	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**	**400**	**970**	**1,400**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	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	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	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	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	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																							
(ug/L)	**Barium**	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																							
(mV)	Oxidation/Reduction Potential	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	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	NA	NA

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
mV - milliVolt.
s.u. - Standard unit.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
2004 and 2005 Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
(a) - The sample was re-collected on 3/31/2009 and analyzed for dibenzofuran.
* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.
** - TRC developed standards.
^ - For reference purposes only.
[redacted] - sample location to be excavated.

TABLE 3-6
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1^	TSCA	Sample Location: HD-21S	HD22			HD22+HC22+HB22	HD23			HF14	HF-14A	HF-14B	HF-14D	HF-14E		
								Sample Depth (ft.):	1-3	0-1	1-3	1-3	2-3	0-1	1-3	2-3	1-3	1-3	1-3	0-1	1-3	1-3
								Sample Date: 7/6/2009	12/29/2004	4/9/2009	4/9/2009	12/29/2004	12/29/2004	3/31/2009	3/31/2009	12/29/2004	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009 Field Dup
SVOCs/PAHs																						
(mg/kg)	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	0.87 U	NA	NA	NA	**0.74 JB**	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	0.29 U	NA	NA	NA	**1.5**	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.199 U	0.191 U	**0.42**	NA	0.190 U	**0.217**	**1.6**	NA	0.176 U	NA	0.184 U	0.381 U	0.186 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.199 U	0.191 U	0.29 U	NA	0.190 U	0.206 U	**0.75**	NA	0.176 U	NA	0.184 U	0.381 U	0.186 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.241**	**0.423**	**1.4**	NA	0.190 U	**0.626**	**7.8**	NA	0.176 U	NA	0.184 U	**0.754**	**0.671**
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	**0.566**	**1.35**	**4.5**	NA	0.190 U	**1.24**	**25**	NA	**0.339**	NA	0.184 U	**6.81**	**1.07**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	**0.493**	**1.22**	**4.5**	NA	0.190 U	**1.01**	**25**	NA	**0.366**	NA	**0.187**	**5.85**	**0.912**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	**0.658**	**1.66**	**6.1**	NA	0.190 U	**1.03**	**34**	NA	**0.377**	NA	**0.209**	**7.54**	**1.02**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.218**	**0.577**	**4.2**	NA	0.190 U	**0.362**	**21**	NA	**0.290**	NA	0.184 U	**2.43**	**0.415**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	**0.239**	**0.622**	**2.1**	NA	0.190 U	**0.352**	**11**	NA	0.176 U	NA	0.184 U	**2.76**	**0.397**
	Chrysene	70	70	400	400	70	N/A	NA	NA	**0.551**	**1.35**	**3.8**	NA	0.190 U	**1.30**	**21**	NA	**0.367**	NA	**0.188**	**6.11**	**1.03**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.199 U	0.191 U	0.29 U	NA	0.190 U	0.206 U	0.3 U	NA	0.176 U	NA	0.184 U	**0.833**	0.186 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.992**	**2.32**	**9.4**	NA	**0.193**	**1.45**	**41**	NA	**0.533**	NA	**0.242**	**8.44**	**1.75**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.199 U	0.191 U	**0.42**	NA	0.190 U	**0.291**	**2.9**	NA	0.176 U	NA	0.184 U	0.381 U	**0.276**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	**0.293**	**0.694**	**2.7**	NA	0.190 U	**0.430**	**14**	NA	**0.307**	NA	0.184 U	**3.79**	**0.545**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.199 U	0.191 U	0.29 U	NA	0.190 U	0.206 U	**0.47**	NA	0.176 U	NA	0.184 U	0.381 U	0.186 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.199 U	0.191 U	0.29 U	NA	0.190 U	0.206 U	**0.72**	NA	0.176 U	NA	0.184 U	0.381 U	**0.295**
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	**0.980**	**1.80**	**5.3**	NA	**0.204**	**3.28**	**27**	NA	**0.368**	NA	0.184 U	**1.43**	**2.24**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.849**	**1.71**	**8**	NA	**0.264**	**2.22**	**34**	NA	**0.670**	NA	**0.308**	**9.19**	**1.94**
PCBs																						
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	NA	0.061 U	0.0546 U	0.168 U	NA	0.054 U	NA	NA	1.14 U	NA	0.0526 U	NA	0.0580 U	0.172 U	0.215 U
	Aroclor 1254	2	2	3	3	2	1	NA	**4.79**	**0.132 J**	**2.42 J**	NA	**3.74**	NA	NA	**0.72**	NA	**1.41 J**	NA	0.0580 U	**3.00 J**	**3.31 J**
	Aroclor 1260	2	2	3	3	2	1	NA	0.061 U	0.0546 U	0.168 U	NA	0.054 U	NA	NA	1.14 U	NA	**0.613 J**	NA	0.0580 U	**1.59 J**	**2.10 J**
	Aroclor 1262	2	2	3	3	2	1	NA	**0.654**	NA	NA	NA	**0.418**	NA	NA	1.14 U	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	**5.444**	**0.132 J**	**2.42 J**	NA	**4.158**	NA	NA	**0.720**	NA	**2.023 J**	NA	0.0580 U	**4.59 J**	**5.41 J**
PCB Homologs																						
(mg/kg)	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	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	NA
Metals																						
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	NA	**3.49**	**5.30**	**33**	NA	**3.08**	**17.4**	**23**	NA	NA	NA	2.76 U	**6.37**	**2.85**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**58.8**	**218**	899	NA	**36.5**	**385**	**6,700**	**2,540**	**24.3**	**8,480**	**38.0**	**1,300**	**203**
	Cadmium	2	2	30	30	2	N/A	NA	NA	**0.38**	**1.26**	**4.71**	NA	0.29 U	**1.35**	**12**	**3.49**	0.27 U	**4.26**	0.28 U	**1.31**	**0.45**
	Chromium	30	30	200	200	30	N/A	NA	NA	**10.9**	**22.9**	**52**	NA	**7.09**	**28.8**	**1,290**	**93.0**	**4.27**	**857**	**6.08**	**160**	**31.4**
	Lead	300	300	300	300	300	N/A	**5,100**	NA	**74.6**	**234**	**1,020**	NA	**31.7**	**928**	**650**	**459**	**88.6**	**1,200**	**62.1**	**1,020**	**552**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	**0.401**	NA	NA	NA	**1.35**	NA	NA	NA	**0.071**	**0.279**	**0.230**
	Nickel	20	20	700	700	20	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	**0.43**	NA	NA	NA	0.38 U	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	NA	NA	NA	NA	NA
Metals, TCLP																						
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	**4,260**	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	**2,920**	NA	NA	NA	**220**	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																						
(mV)	Oxidation/Reduction Potential	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

Notes:

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ug/L - micrograms per liter.

mV - milliVolt.

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

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** - TRC developed standards.

^ - For reference purposes only.

▨ - sample location to be excavated.

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New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HF-14G		HF-14H		HF-14I	HH13			HH-13A		HH-13AA			HH-13B	
		Sample Depth (ft.):						0-1	1-3	0-1	1-3	1-3	1.5-3	0-1	1-3	0-1	1-3	1-3	1-3	3.5-4	0-1	1-3
		Sample Date:						3/11/2009	3/11/2009	3/11/2009 (a)	3/11/2009 (a)	4/8/2009	12/29/2004	4/3/2009	4/3/2009	3/11/2009	3/11/2009	5/20/2009	5/20/2009 Field Dup	5/20/2009	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															
SVOCs/PAHs																						
(mg/kg)	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	0.380 U	0.370 U	NA	**28**	0.400 U	**6.60**	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**46**	NA	NA	0.196 U	0.385 U	NA	NA	NA	0.222 U	**0.443**
	Acenaphthylene	600	10	600	10	1	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	13 U	NA	NA	0.196 U	0.385 U	NA	NA	NA	0.222 U	0.198 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**150**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.294**	**0.754**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.203 U	**1.13**	0.198 U	0.182 U	NA	**400**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.621**	**1.37**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**360**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.528**	**1.17**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.203 U	**1.21**	0.198 U	0.182 U	NA	**460**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.672**	**1.42**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**140**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.281**	**0.564**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**200**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.250**	**0.513**
	Chrysene	70	70	400	400	70	N/A	0.203 U	**1.17**	0.198 U	0.182 U	NA	**280**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.621**	**1.34**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	13 U	NA	NA	0.196 U	0.385 U	NA	NA	NA	0.222 U	0.198 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	**1.87**	0.198 U	0.182 U	NA	**790**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**1.09**	**2.53**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**46**	NA	NA	0.196 U	0.385 U	NA	NA	NA	0.222 U	**0.366**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**140**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**0.341**	**0.714**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**17**	NA	NA	0.196 U	0.385 U	NA	NA	NA	0.222 U	0.198 U
	Naphthalene	40	500	40	1,000	4	N/A	0.203 U	0.981 U	0.198 U	0.182 U	NA	**53**	NA	NA	0.196 U	0.385 U	NA	NA	NA	0.222 U	0.198 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.203 U	**2.10**	0.198 U	0.182 U	NA	**1,000**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**1.23**	**3.10**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.203 U	**1.67**	0.198 U	0.182 U	NA	**780**	NA	NA	0.196 U	0.385 U	NA	NA	NA	**1.08**	**2.62**
PCBs																						
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.0563 U	0.138 U	0.0555 U	0.0540 U	NA	0.065 U	NA	NA	0.0585 U	0.0538 U	NA	NA	NA	0.0636 U	0.0547 U
	Aroclor 1254	2	2	3	3	2	1	**0.322 J**	**0.949 J**	**0.129 J**	**0.439 J**	NA	**1.21**	NA	NA	**0.104 J**	**1.02 J**	NA	NA	NA	**0.833 J**	**0.210 J**
	Aroclor 1260	2	2	3	3	2	1	**0.121 J**	**0.565 J**	0.0555 U	**0.262 J**	NA	0.065 U	NA	NA	0.0585 U	0.0538 U	NA	NA	NA	0.0636 U	0.0547 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	0.065 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.443 J**	**1.514 J**	**0.129 J**	**0.701 J**	NA	**1.21**	NA	NA	**0.104 J**	**1.02 J**	NA	NA	NA	**0.833 J**	**0.210 J**
PCB Homologs																						
(mg/kg)	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	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	NA
Metals																						
(mg/kg)	Arsenic	20	20	20	20	20	N/A	**4.82**	**10.1**	2.97 U	2.73 U	NA	**25**	NA	NA	2.94 U	**10.9**	NA	NA	NA	**40.0**	2.97 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**71.1**	**3,330**	**22.6**	**22.5**	**6,550**	**2,910**	NA	NA	**20.0**	**1,280**	NA	NA	NA	**7,920**	**142**
	Cadmium	2	2	30	30	2	N/A	**0.40**	**2.42**	0.30 U	0.28 U	**2.39**	**4.81**	NA	NA	0.30 U	**0.63**	NA	NA	NA	**2.01**	**0.37**
	Chromium	30	30	200	200	30	N/A	**11.6**	**1,180**	**5.55**	**5.94**	**1,250**	**1,100**	NA	NA	**4.57**	**492**	**350**	**390**	**200**	**1,960**	**17.2**
	Lead	300	300	300	300	300	N/A	**54.7**	**579**	**18.1**	**17.7**	**8,860**	**333**	NA	NA	**10.0**	**216**	NA	NA	NA	**543**	**72.3**
	Mercury	20	20	30	30	20	N/A	**0.079**	**0.222**	**0.045**	**0.022**	NA	**0.38**	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	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	0.38 U	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	**1.3**	**4.4**	1.0 U	NA	NA
Metals, TCLP																						
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	**2,660**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	**30**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	**160**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																						
(mV)	Oxidation/Reduction Potential	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**170**	**250**	**250**	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	**7.0**	**7.1**	**7.4**	NA	NA

Notes:

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

ug/L - micrograms per liter.

mV - milliVolt.

s.u. - Standard unit.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

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 or TCLP standard, as applicable.

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

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TCLP - Toxicity Characteristic Leaching Procedure.

TSCA - Toxic Substances Control Act criteria.

2004 and 2005 Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

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

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

** - TRC developed standards.

^ - For reference purposes only.

[redacted] - sample location to be excavated.

TABLE 3-6
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HH-13BB		HH-13C		HH-13CC		HH-13D			HH-13DD		HH-13E		HH-13F	
		Sample Depth (ft.):						1-3	3-4	0-1	1-3	1-3	3-4	0-1	1-3	1-3	1-3	3.5-4	0-1	1-3	0-1	1-3
		Sample Date:						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 Field Dup	5/20/2009	5/20/2009	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															
SVOCs/PAHs																						
(mg/kg)	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	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	0.193 U	**1.85**	NA	NA	0.192 U	**0.421**	**0.448**	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.193 U	0.538 U	NA	NA	0.192 U	0.409 U	0.429 U	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.193 U	**4.31**	NA	NA	0.192 U	**1.03**	**1.20**	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.193 U	**8.08**	NA	NA	0.192 U	**2.43**	**3.00**	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.193 U	**6.85**	NA	NA	0.192 U	**2.14**	**2.69**	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.193 U	**9.60**	NA	NA	0.192 U	**2.74**	**3.61**	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	0.193 U	**2.61**	NA	NA	0.192 U	**0.973**	**1.13**	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.193 U	**3.67**	NA	NA	0.192 U	**1.09**	**1.34**	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.193 U	**8.23**	NA	NA	0.192 U	**2.40**	**3.01**	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.193 U	**0.822**	NA	NA	0.192 U	0.409 U	0.429 U	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.193 U	**17.6**	NA	NA	0.192 U	**4.41**	**5.32**	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.193 U	**2.21**	NA	NA	0.192 U	**0.456**	**0.484**	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.193 U	**3.49**	NA	NA	0.192 U	**1.28**	**1.43**	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.193 U	**0.675**	NA	NA	0.192 U	0.409 U	0.429 U	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.193 U	**0.982**	NA	NA	0.192 U	0.409 U	0.429 U	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	0.193 U	**21.0**	NA	NA	0.192 U	**4.04**	**4.94**	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.193 U	**11.8**	NA	NA	0.192 U	**3.88**	**4.52**	NA	NA	NA	NA	NA	NA
PCBs																						
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	**18.1 J**	**4.67 J**	NA	NA	NA	0.636 U	NA	NA
	Aroclor 1254	2	2	3	3	2	1	NA	NA	**0.142 J**	**0.113 J**	NA	NA	**0.67 J**	**27.9 J**	**20.7 J**	NA	NA	NA	**15.7 J**	NA	NA
	Aroclor 1260	2	2	3	3	2	1	NA	NA	0.0556 U	0.0575 U	NA	NA	0.0546 U	1.31 U	**3.08 J**	NA	NA	NA	**7.37 J**	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
	Total PCBs	2	2	3	3	2	1	NA	NA	**0.142 J**	**0.113 J**	NA	NA	**0.67 J**	**46.0 J**	**28.45 J**	NA	NA	NA	**23.07 J**	NA	NA
PCB Homologs																						
(mg/kg)	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	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	NA
Metals																						
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	NA	2.90 U	**31.9**	NA	NA	2.88 U	**16.7**	**14.5**	NA	NA	2.93 U	**29.9**	2.86 U	**3.74**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**41.9**	**6,780**	NA	NA	**27.7**	**3,850**	**3,330**	NA	NA	**232**	**2,460**	**110**	**443**
	Cadmium	2	2	30	30	2	N/A	NA	NA	0.29 U	**40.6**	NA	NA	**0.48**	**7.47**	**8.09**	NA	NA	0.30 U	**4.95**	0.29 U	**0.52**
	Chromium	30	30	200	200	30	N/A	**220**	**87**	**6.74**	**384**	**750**	**3,800**	**5.52**	**594**	**496**	**230**	**310**	**10.6**	**7,800**	**12.0**	**35.5**
	Lead	300	300	300	300	300	N/A	NA	NA	**21.9**	**3,250**	NA	NA	**18.4**	**987**	**982**	NA	NA	**36.2**	**501**	**32.6**	**119**
	Mercury	20	20	30	30	20	N/A	NA	NA	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	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
	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	0.45 U	1.0 U	NA	NA	**0.48**	0.39 U	NA	NA	NA	1.1 U	**2.7**	NA	NA	NA	NA
Metals, TCLP																						
(ug/L)	**Barium**	NS	NS	NS	NS	NS	100,000[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																						
(mV)	Oxidation/Reduction Potential	N/A	N/A	N/A	N/A	N/A	N/A	**200**	**200**	NA	NA	**240**	**120**	NA	NA	NA	**170**	**160**	NA	NA	NA	NA
pH																						
(s.u.)	pH	N/A	N/A	N/A	N/A	N/A	N/A	**6.7**	**7.3**	NA	NA	**6.0**	**6.7**	NA	NA	NA	**7.6**	**7.2**	NA	NA	NA	NA

Notes:

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

ug/L - micrograms per liter.

mV - milliVolt.

s.u. - Standard unit.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

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(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

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

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

** - TRC developed standards.

^ - For reference purposes only.

- sample location to be excavated.

TABLE 3-6
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1^	TSCA	HH-13G		HH-13H		HH-13I	HH-13J	HH-30A	HJ-25A	HRE-10	HRG-12A	HRG-14A	HS-11	HS-12	NBHS-SS-1	NBHS-SS-2	NBHS-SS-3	NBHS-SS-4
		Sample Depth (ft.):							0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
		Sample Date:							3/11/2009	3/11/2009	3/11/2009	3/11/2009	4/8/2009	4/8/2009	4/2/2009	4/1/2009	3/31/2009	4/1/2009	4/1/2009	9/9/2004	9/9/2004	8/6/2008	8/6/2008	8/6/2008	8/6/2008
SVOCs/PAHs																									
(mg/kg)	Di-n-butylphthalate		NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran		10*	10*	NS	NS	100	N/A	NA	NA	NA	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	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Acenaphthylene		600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 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	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene		7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene		2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene		7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 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	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene		70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Chrysene		70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	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	0.177 U	0.175 U	0.177 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	NA	NA	NA	0.177 U	0.175 U	0.177 U	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	0.177 U	0.175 U	0.177 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	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene		80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Naphthalene		40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
	Phenanthrene		500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.177 U	0.175 U	0.177 U	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	0.177 U	0.175 U	0.177 U	NA	NA	NA	NA	NA	NA
PCBs																									
(mg/kg)	Aroclor 1248		2	2	3	3	2	1	NA	NA	NA	NA	NA	0.591 U	0.0524 U	0.0510 U	0.0500 U	0.0520 U	0.0520 U	0.1 U	0.11 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U
	Aroclor 1254		2	2	3	3	2	1	NA	NA	NA	NA	NA	**12.4 J**	**0.0702 J**	0.0510 U	0.0500 U	0.0520 U	0.0520 U	**0.131**	**0.438**	0.0567 U	**0.260 J**	**0.316 J**	0.0554 U
	Aroclor 1260		2	2	3	3	2	1	NA	NA	NA	NA	NA	0.591 U	0.0524 U	0.0510 U	**0.521 J**	0.0520 U	0.0520 U	0.1 U	0.11 U	0.0567 U	0.0533 U	0.0529 U	0.0554 U
	Aroclor 1262		2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1 U	0.11 U	NA	NA	NA	NA
	Total PCBs		2	2	3	3	2	1	NA	NA	NA	NA	NA	**12.4 J**	**0.0702 J**	0.0510 U	**0.521 J**	0.0520 U	0.0520 U	**0.131**	**0.438**	0.0567 U	**0.260 J**	**0.316 J**	0.0554 U
PCB Homologs																									
(mg/kg)	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	NA	NA	NA	**0.081**	NA
	Total PCBs		2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.081**	NA
Metals																									
(mg/kg)	Arsenic		20	20	20	20	20	N/A	**3.62**	**14.0**	**3.10**	2.65 U	NA	**31.5**	2.62 U	2.69 U	2.65 U	2.62 U	2.66 U	NA	NA	NA	NA	NA	NA
	Barium		1,000	1,000	3,000	3,000	1,000	N/A	**226**	**3,390**	**48.3**	**26**	**639**	**12,800**	**15.4**	**6.73**	**19.3**	**28.1**	**6.91**	NA	NA	NA	NA	NA	NA
	Cadmium		2	2	30	30	2	N/A	**0.49**	**2.15**	**0.49**	0.27 U	**3.20**	**13.3**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	NA	NA	NA	NA	NA	NA
	Chromium		30	30	200	200	30	N/A	**15.1**	**182**	**42.4**	**2.90**	**84.9**	**640**	**2.39**	**2.02**	**4.28**	**3.04**	**2.31**	NA	NA	NA	NA	NA	NA
	Lead		300	300	300	300	300	N/A	**146**	**136**	**79.4**	**7.45**	NA	**2,070**	**8.29**	**3.19**	**11.3**	**4.12**	**1.75**	NA	NA	NA	NA	NA	NA
	Mercury		20	20	30	30	20	N/A	NA	NA	NA	NA	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	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	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	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	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	NA	NA	NA
Metals, TCLP																									
(ug/L)	Barium		NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium		NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead		NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																									
(mV)	Oxidation/Reduction Potential		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	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	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
mV - milliVolt.
s.u. - Standard unit.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
2004 and 2005 Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
(a) - The sample was re-collected on 3/31/2009 and analyzed for dibenzofuran.
* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.
** - TRC developed standards.
^ - For reference purposes only.
▨ - sample location to be excavated.

TABLE 3-6
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - House Area (Exposure Point Area HS-6)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1^	TSCA	Sample Location: NBHS-SS-10	SB-361			VSS-5	SS-50	SS-51	SS-52		SSHH-13B1		SSHH-13B2	SSHH-13B3	SSHH-13B4
								Sample Depth (ft.): 0-0.5	0-1	1-3	6.5	0-0.5	0-0.5	0-0.5	0-0.5	1-3	0-1	0-1	0-1	0-1	0-1
								Sample Date: 8/6/2008	3/4/2009	3/4/2009	3/4/2009	7/23/2001	12/2/2008	12/2/2008	12/2/2008	3/31/2009	4/10/2009	4/10/2009 Field Dup	4/10/2009	4/10/2009	4/10/2009
SVOCs/PAHs																					
(mg/kg)	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	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	0.174 U	0.176 U	0.178 U	NA	**0.257**	0.210 U	0.208 U	**0.542**	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	0.174 U	0.176 U	0.178 U	NA	0.210 U	0.210 U	0.208 U	0.187 U	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**0.900**	0.210 U	0.208 U	**1.62**	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**2.03**	0.210 U	0.208 U	**1.42**	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**1.65**	0.210 U	0.208 U	**1.17**	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**2.05**	0.210 U	0.208 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	0.174 U	0.176 U	0.178 U	NA	**0.905**	0.210 U	0.208 U	**0.448**	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**0.872**	0.210 U	0.208 U	**0.539**	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**1.80**	0.210 U	0.208 U	**1.38**	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**0.221**	0.210 U	0.208 U	0.187 U	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**4.32**	0.210 U	0.208 U	**2.70**	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**0.380**	0.210 U	0.208 U	**0.944**	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**0.973**	0.210 U	0.208 U	**0.588**	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	0.174 U	0.176 U	0.178 U	NA	0.210 U	0.210 U	0.208 U	**0.274**	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	0.174 U	0.176 U	0.178 U	NA	0.210 U	0.210 U	0.208 U	**0.505**	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**3.06**	0.210 U	0.208 U	**4.30**	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	0.174 U	0.176 U	0.178 U	NA	**4.79**	0.210 U	0.208 U	**2.95**	NA	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.0544 U	0.0526 U	0.0531 U	0.0532 U	0.100 U	0.0587 U	0.0576 U	0.0612 U	0.164 U	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	**0.192 J**	0.0526 U	0.0531 U	0.0532 U	0.100 U	**0.939 ***	**0.0717 ***	**0.179 J**	**3.18 J**	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0544 U	0.0526 U	0.0531 U	0.0532 U	0.100 U	0.0587 U	0.0576 U	0.0612 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
	Total PCBs	2	2	3	3	2	1	**0.192 J**	0.0526 U	0.0531 U	0.0532 U	0.100 U	**0.939**	**0.0717**	**0.179 J**	**3.18 J**	NA	NA	NA	NA	NA
PCB Homologs																					
(mg/kg)	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	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)	Arsenic	20	20	20	20	20	N/A	NA	2.61 U	2.64 U	2.67 U	**1.18**	**4.96**	3.15 U	3.11 U	2.81 U	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**12.1**	**6.42**	**8.99**	**10**	**69.9**	**23.7**	**21.0**	**43.0**	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	0.27 U	0.27 U	0.27 U	0.35 U	**0.42**	0.32 U	0.32 U	0.29 U	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	**2.70**	**1.68**	**3.02**	**2.92**	**11.7**	**5.57**	**5.24**	**10.1**	**6.58**	**6.05**	**5.12**	**4.93**	**5.81**
	Lead	300	300	300	300	300	N/A	NA	**11.7**	**2.12**	**3.67**	**11**	**73.0**	**21.6**	**19.4**	**36.5**	NA	NA	NA	NA	NA
	Mercury	20	20	30	30	20	N/A	NA	**0.016**	0.012 U	0.016 U	0.07 U	**0.102**	**0.045**	**0.046**	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	**2.19**	**1.90**	**2.79**	NA	**5.09**	**2.37**	**2.24**	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	0.53 U	0.53 U	0.54 U	0.35 U	0.63 U	0.63 U	0.63 U	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	5.22 U	5.27 U	5.34 U	NA	**18.3**	**10.5**	**9.82**	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	**12.6**	**6.73**	**12.0**	NA	**60.2**	**24.8**	**23.1**	NA	NA	NA	NA	NA	NA
	Chromium (VI)	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.37 U	0.39 U	0.38 U	0.38 U	0.38 U
Metals, TCLP																					
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxidation/Reduction Potential																					
(mV)	Oxidation/Reduction Potential	N/A	N/A	N/A	N/A	N/A	N/A	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	**5.81**	**5.87**	**5.97**	**5.93**	**5.93**

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
mV - milliVolt.
s.u. - Standard unit.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed MassDEP Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
2004 and 2005 Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
(a) - The sample was re-collected on 3/31/2009 and analyzed for dibenzofuran.
* - The sample exhibits altered PCB pattern; best possible Aroclor match reported.
** - TRC developed standards.
^ - For reference purposes only.
- sample location to be excavated.

TABLE 3-7
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Hang-Out Area (Exposure Point Area HS-7)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location:	VSS-4	SS-53	SS-54	SS-55	SS-56	SS-57	SB-362				SB-363		
								Sample Depth (ft.):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-1	1-3	5	6.5	0-1	1-3	5
								Sample Date:	7/23/2001	12/2/2008	12/2/2008	12/2/2008	12/2/2008	12/2/2008	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009	3/4/2009
PAHs																					
(mg/kg)	Benzo(a)anthracene	7	7	40	40	7	N/A		**0.228**	**0.228**	0.211 U	0.208 U	0.213 U	0.214 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		**0.216**	**0.216**	0.211 U	0.208 U	0.213 U	0.214 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		**0.269**	**0.269**	0.211 U	0.208 U	0.213 U	0.214 U	**0.410**	0.221 U	**0.244**	0.507 U	0.459 U	0.195 U	0.184 U
	Chrysene	70	70	400	400	70	N/A		**0.207**	**0.207**	0.211 U	0.208 U	0.213 U	0.214 U	**0.417**	0.221 U	**0.272**	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		**0.732**	**0.732**	0.211 U	0.208 U	0.213 U	0.214 U	**0.696**	**0.343**	**0.431**	0.507 U	**0.640**	0.195 U	0.184 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A		0.207 U	0.207 U	0.211 U	0.208 U	0.213 U	0.214 U	**0.192**	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		**0.252**	**0.252**	0.211 U	0.208 U	0.213 U	0.214 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		**0.567**	**0.567**	0.211 U	0.208 U	0.213 U	0.214 U	**0.793**	**0.270**	**0.530**	0.507 U	**0.573**	0.195 U	0.184 U
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		0.100 U	**0.293 J**	**0.0959 J**	**0.148 J**	0.0648 U	0.0597 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		0.100 U	**0.136 J**	**0.123 J**	0.0606 U	0.0648 U	0.0597 U	0.0568 U	0.0615 U	0.0599 U	0.155 U	0.0642 U	0.0582 U	0.0528 U
	Total PCBs	2	2	3	3	2	1		0.100 U	**0.429 J**	**0.2189 J**	**0.148 J**	0.0648 U	0.0597 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		0.07 U	**0.070**	**0.063**	**0.088**	**0.149**	**0.052**	**0.213**	**0.088**	**0.120**	**0.183**	**0.211**	**0.048**	0.016 U
	Arsenic	20	20	20	20	20	N/A		**1.52**	3.11 U	**3.55**	**3.92**	**4.50**	**3.32**	**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		**11**	**60.4**	**40.2**	**28.1**	**40.8**	**23.6**	**173**	**271**	**269**	**135**	**187**	**16.9**	**8.77**
	Beryllium	100	100	200	200	100	N/A		NA	0.32 U	0.32 U	0.32 U	0.32 U	0.33 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		0.32 U	**0.34**	**0.33**	0.32 U	0.32 U	0.33 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		**3.74**	**10.6**	**9.16**	**8.59**	**14.2**	**10.9**	**15.0**	**21.5**	**18.8**	**47.7**	**34.1**	**10.8**	**3.63**
	Lead	300	300	300	300	300	N/A		**8.89**	**67.2**	**54.4**	**89.4**	**67.2**	**30.7**	**277**	**487**	**448**	**319**	**292**	**5.35**	**1.00**
	Nickel	20	20	700	700	20	N/A		NA	**4.99**	**4.42**	**4.52**	**8.62**	**5.21**	**9.37**	**18.0**	**10.5**	**40.3**	**8.03**	**5.02**	**2.36**
	Vanadium	600	600	1,000	1,000	600	N/A		NA	**15.5**	**17.2**	**17.3**	**21.4**	**18.6**	**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	**47.5**	**47.4**	**34.2**	**39.4**	**29.9**	**191**	**99.6**	**264**	**703**	**181**	**20.7**	**7.66**

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
J - Estimated value.
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.
RC - Reportable Concentration.
TSCA - Toxic Substances Control Act criteria.

TABLE 3-8
Summary of Analytical Results for Soil Samples
New Bedford High School - Junior High Gym Class Area (Exposure Point Area HS-8)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	Sample Location: HG2	HG2.5	HG2.5+HH2.5	HG3		HG4		HG4+HG3	HG3+HG4	HG5	HG6	HG6+HG5	HG7	HG7+HH7	HG8	HG9			HG10	HG10+HG9	HH2.5
								Sample Depth (ft.): 1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	0.5-3	0.5-3	0.5-3	0.75-3	0.75-3	1.5-3	1.5-3	1.5-3	1.5-3	2-3	1.5-3	1.5-3
								Sample Date: 12/29/2004	2/22/2005	2/22/2005	12/29/2004	2/22/2005	12/29/2004	2/22/2005	12/29/2004	2/22/2005	12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/28/2004	Field Dup	12/28/2004	12/28/2004	2/22/2005
EPH																												
(mg/kg)	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA
	C11 - C22 Aromatics	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	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	NA	NA	NA	NA	NA	**0.12**	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.064**	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	NA	NA	NA	NA	NA	**0.31**	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	NA	NA	NA	NA	NA	**1.1**	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	NA	NA	NA	NA	NA	**1.1**	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	NA	NA	NA	NA	NA	**1.7**	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	NA	NA	NA	NA	NA	**0.57**	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	NA	NA	NA	NA	NA	**0.39**	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.93**	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	NA	NA	NA	NA	0.062 U	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	NA	NA	NA	NA	**1.9**	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	NA	NA	NA	NA	0.062 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.069**	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	NA	NA	NA	NA	**1.4**	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	NA	NA	NA	NA	**4.3**	NA
SVOCs/PAHs																												
(ng/kg)	Benzoic Acid	1,000*	1,000*	NS	NS	NS	N/A	4.8 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.4**	NA
	Dimethyl phthalate	50	600	50	600	30	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.35**	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	**0.41 JB**	NA	1.9 U	NA	NA	NA	NA	4 U	1.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 **B**	NA
	Butyl benzyl phthalate	NS	NS	NS	NS	100	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.062 U	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	0.96 U	NA	**23**	NA	NA	NA	NA	4 U	1.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
	Carbazole	NS	NS	NS	NS	NS	N/A	NA	NA	**1.1**	NA	NA	NA	NA	NA	**0.74**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.079**	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.32 U	NA	**0.91**	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	**10**	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.064**	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**0.69**	NA	**2.2**	NA	NA	NA	NA	1.3 U	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.31**	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**2.4**	NA	**10**	NA	NA	NA	NA	**2.7**	**2.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.1**	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**2.2**	NA	**8.9**	NA	NA	NA	NA	1.3 U	**2.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.1**	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**2.2**	NA	**13**	NA	NA	NA	NA	1.3 U	**3.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.32 U	NA	**2**	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.57**	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**1.5**	NA	**4.5**	NA	NA	NA	NA	1.3 U	**0.81**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.39**	NA
	Chrysene	70	70	400	400	70	N/A	**1.9**	NA	**7.8**	NA	NA	NA	NA	**2.1**	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.93**	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.062 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**5.6**	NA	**23**	NA	NA	NA	NA	**5.1**	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.9**	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.32 U	NA	**0.83**	NA	NA	NA	NA	1.3 U	**0.77**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.062 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.32 U	NA	**2.7**	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.062 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	1.3 U	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.062 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.32 U	NA	0.63 U	NA	NA	NA	NA	1.3 U	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.069**	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**3.4**	NA	**11**	NA	NA	NA	NA	1.3 U	**5.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**4.5**	NA	**12**	NA	NA	NA	NA	**5.5**	**3.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.3**	NA
PCBs																												
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**4.19**	**19.8**	NA	**1.2**	**12.13**	**0.143**	**3.7**	NA	NA	1.23 U	**0.601**	NA	**1.9**	NA	**3.06**	**2.35**	**2.92**	**1.65**	NA	**14.3**
	Aroclor 1260	2	2	3	3	2	1	1.27 U	0.121 U	NA	0.067 U	0.123 U	0.057 U	**0.121 U**	NA	NA	1.23 U	0.061 U	NA	0.06 U	NA	0.063 U	**0.06 U**	**0.076 U**	0.061 U	NA	0.136 U
	Aroclor 1262	2	2	3	3	2	1	**0.644**	0.121 U	NA	**0.519**	0.123 U	0.057 U	0.121 U	NA	NA	1.23 U	**0.145**	NA	**0.21**	NA	**0.47**	**0.23**	**0.3**	**0.234**	NA	0.136 U
	Aroclor 1268	2	2	3	3	2	1	1.27 U	0.121 U	NA	0.067 U	0.123 U	0.057 U	0.121 U	NA	NA	1.23 U	0.061 U	NA	0.06 U	NA	0.063 U	0.06 U	0.076 U	0.061 U	NA	0.136 U
	Total PCBs	2	2	3	3	2	1	**4.834**	**19.8**	NA	**1.719**	**12.13**	**0.143**	**3.7**	NA	NA	2.45 U	**0.746**	NA	**2.11**	NA	**3.53**	**2.58**	**3.22**	**1.884**	NA	**14.3**
Metals																												
(mg/kg)	Arsenic	20	20	20	20	20	N/A	**5.21**	NA	**8.56**	NA	NA	NA	NA	**5.98**	**3.36**	NA	NA	**3.17**	NA	**10**	NA	NA	NA	NA	**9.02**	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**975**	NA	**873**	NA	NA	NA	NA	**734**	**316**	NA	NA	**179**	NA	**1,710**	NA	NA	NA	NA	**752**	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**4.61**	NA	**7.94**	NA	NA	NA	NA	**10**	**2.09**	NA	NA	**4.26**	NA	**6.34**	NA	NA	NA	NA	**7.46**	NA
	Chromium	30	30	200	200	30	N/A	**320**	NA	**59**	NA	NA	NA	NA	**94**	22	NA	NA	**13**	NA	**150**	NA	NA	NA	NA	**80**	NA
	Lead	300	300	300	300	300	N/A	**413**	NA	**765**	NA	NA	NA	NA	**1,140**	**354**	NA	NA	**419**	NA	**1,070**	NA	NA	NA	NA	**1,430**	NA
	Mercury	20	20	30	30	20	N/A	**0.749**	NA	**0.405**	NA	NA	NA	NA	**0.92**	**0.344**	NA	NA	**0.386**	NA	**17**	NA	NA	NA	NA	**1.57**	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	0.74 U	NA	0.12 U	NA	NA	NA	NA	0.81 U	0.12 U	NA	NA	0.77 U	NA	**2.22**	NA	NA	NA	NA	0.82 U	NA
	Silver	100	100	200	200	100	N/A	0.37 U	NA	**0.4**	NA	NA	NA	NA	**0.65**	**0.16**	NA	NA	0.39 U	NA	**1.35**	NA	NA	NA	NA	**6.4**	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	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	NA	NA	NA	NA	NA
Metals, TCLP																												
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	**140**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	**NA**	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	**490**	NA	**1,100**	NA	NA	NA	NA	**3,830**	**200**	NA	NA	**250**	NA	**250**	NA	NA	NA	NA	**1,540**	NA
	Mercury	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2**	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No standard available 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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
** - For reference purposes only.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-8
Summary of Analytical Results for Soil Samples
New Bedford High School - Junior High Gym Class Area (Exposure Point Area HS-8)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	HH3 Sample Location: / Sample Depth (ft.): / Sample Date:		HH4	HH4+HH4	HH5	HH5+HH5	HH7	HH8	HH8+HG8	HH9	HH9+HH9	HH10	HH10+HH10	HH2.5	HH2.5+HH2.5	HH3	HH3+HH3	HH4	HH5	HH6	HH6+HH6
								0-1.5 2/22/2005	1.5-3 2/22/2005	1-3 2/22/2005	1-3 2/22/2005	0.75-3 12/28/2004	0.75-3 12/28/2004	1.25-3 12/28/2004	0.5-3 12/28/2004	0.5-3 12/28/2004	1-3 12/28/2004	0.75-3 12/28/2004	1.5-3 12/29/2004	1-3 12/29/2004	1-2 2/22/2005	0-2 2/22/2005	1-3 2/22/2005	1-3 2/22/2005	1-3 2/22/2005	1-3 12/28/2004	1-3 12/28/2004	1-3 12/28/2004
EPH																												
(mg/kg)	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																												
(mg/kg)	Benzoic Acid	1,000(1)	1,000*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.2 U	NA	NA	NA	NA	NA	NA	0.9 U
	Dimethyl phthalate	50	600	50	600	30	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	0.67 U	NA	0.72 U	NA	NA	0.06 U
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	**0.21 B**	NA	NA	1.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.3 JB**	NA	**0.73 JB**	NA	2.2 U	NA	NA	**0.19 B**
	Butyl benzyl phthalate	NS	NS	NS	NS	100	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	0.67 U	NA	0.72 U	NA	NA	0.06 U
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	**0.1 J**	NA	NA	1.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**9.8**	NA	**2.6**	NA	**0.92 J**	NA	NA	0.18 U
	Carbazole	NS	NS	NS	NS	NS	N/A	**0.11**	NA	NA	**1.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	4	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	7.2	NA	**2.1**	NA	NA	**0.56**
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.07 U	NA	NA	**0.88**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	14	NA	**2.1**	NA	NA	1.1
	Acenaphthylene	600	10	600	10	1	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	0.67 U	NA	**2.5**	NA	NA	**0.074**
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.14 U	NA	NA	**2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**22**	NA	10	NA	NA	**1.9**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.62**	NA	NA	**6.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.94**	NA	**40**	NA	**26**	NA	NA	**3.6**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.55**	NA	NA	**6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.93**	NA	**33**	NA	**21**	NA	NA	**2.8**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.73**	NA	NA	**9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.82**	NA	**45**	NA	**32**	NA	NA	**4.2**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**0.15**	NA	NA	**1.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**7.7**	NA	4.7	NA	NA	**1.2**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**0.31**	NA	NA	**3.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.51**	NA	13	NA	**6.8**	NA	NA	**1.4**
	Chrysene	70	70	400	400	70	N/A	**0.55**	NA	NA	**4.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.66**	NA	**33**	NA	**20**	NA	NA	**2.7**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**3.3**	NA	0.72 U	NA	NA	0.06 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**1.3**	NA	NA	**15**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA	**73**	NA	69	NA	NA	**6.8**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.07 U	NA	NA	**0.74**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**11**	NA	**2.2**	NA	NA	**0.8**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.19**	NA	NA	**1.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**9.8**	NA	6.1	NA	NA	**1.4**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**4.5**	NA	0.72 U	NA	NA	**0.25**
	Naphthalene	40	500	40	1,000	4	N/A	0.07 U	NA	NA	0.63 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	**12**	NA	**1**	NA	NA	**0.76**
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.66**	NA	NA	**10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.76 U	NA	**84**	NA	45	NA	NA	**6.1**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.74**	NA	NA	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.6**	NA	**58**	NA	45	NA	NA	**6.5**
PCBs																												
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	0.653	**5.37**	**4.95**	NA	**2.39**	NA	**3.4**	**3.654**	NA	**2.37**	NA	0.638	NA	0.94	NA	**5.35**	NA	**4.44**	**3.88**	**3.29**	NA
	Aroclor 1260	2	2	3	3	2	1	0.12 U	0.138 U	0.113 U	NA	0.06 U	NA	0.06 U	1.19 U	NA	0.059 U	NA	0.058 U	NA	0.137 U	NA	0.154 U	NA	0.122 U	0.06 U	0.059 U	NA
	Aroclor 1262	2	2	3	3	2	1	0.12 U	0.138 U	0.113 U	NA	0.298	NA	0.284	1.19 U	NA	0.334	NA	0.132	NA	0.137 U	NA	0.154 U	NA	0.122 U	**3.88**	1.07	NA
	Aroclor 1268	2	2	3	3	2	1	0.12 U	0.138 U	0.113 U	NA	0.06 U	NA	0.06 U	1.19 U	NA	0.059 U	NA	0.058 U	NA	0.137 U	NA	0.154 U	NA	0.122 U	0.06 U	0.059 U	NA
	Total PCBs	2	2	3	3	2	1	**0.653**	**5.37**	**4.95**	NA	**2.688**	NA	**3.684**	**3.654**	NA	**2.704**	NA	**0.770**	NA	**0.94**	NA	**5.35**	NA	**4.44**	**7.46**	**4.36**	NA
Metals																												
(mg/kg)	Arsenic	20	20	20	20	20	N/A	**1.44**	NA	NA	**9.07**	NA	**3.01**	NA	NA	**22**	NA	**5.65**	NA	**3.87**	NA	**4.3**	NA	**7.93**	NA	NA	NA	**4.74**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**523**	NA	NA	**1,210**	NA	**358**	NA	NA	**5,110**	NA	**1,370**	NA	567	NA	572	NA	**595**	NA	NA	NA	**833**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**1.14**	NA	NA	**11**	NA	**3.51**	NA	NA	**12**	NA	**5.65**	NA	**2.79**	NA	**4.53**	NA	**7.17**	NA	NA	NA	**2.98**
	Chromium	30	30	200	200	30	N/A	**8.01**	NA	NA	**177**	NA	27	NA	NA	**356**	NA	**137**	NA	**65**	NA	**62**	NA	**81**	NA	NA	NA	**66**
	Lead	300	300	300	300	300	N/A	**693**	NA	NA	**2,280**	NA	**568**	NA	NA	**2,200**	NA	**829**	NA	278	NA	**866**	NA	**4,380**	NA	NA	NA	**398**
	Mercury	20	20	30	30	20	N/A	**0.073**	NA	NA	**1.02**	NA	**0.691**	NA	NA	**0.708**	NA	**0.953**	NA	**0.453**	NA	**0.845**	NA	**0.608**	NA	NA	NA	**0.324**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	0.1 U	NA	NA	0.11 U	NA	0.72 U	NA	NA	0.94 U	NA	0.8 U	NA	0.72 U	NA	0.13 U	NA	0.14 U	NA	NA	NA	0.68 U
	Silver	100	100	200	200	100	N/A	0.05 U	NA	NA	**1.02**	NA	0.36 U	NA	NA	**2.17**	NA	**0.4**	NA	0.36 U	NA	**0.71**	NA	**0.53**	NA	NA	NA	**0.41**
	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**	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**	NA	NA	NA	NA	NA	NA
Metals, TCLP																												
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	**2,530**	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	**NA**	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	20 U	NA	NA	NA	NA	20 U	NA	20 U	NA	NA	NA	NA	NA	**NA**	NA	**NA**	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	**100**	NA	NA	**3,100**	NA	**340**	NA	NA	**510**	NA	**310**	NA	160	NA	**1,600**	NA	**1,100**	NA	**NA**	NA	NA	**450**
	Mercury	NS	NS	NS	NS	NS	200(1)	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No standard available 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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
** - For reference purposes only.
Sample locations to be either excavated, or covered by pavement.

TABLE 3-8
Summary of Analytical Results for Soil Samples
New Bedford High School - Junior High Gym Class Area (Exposure Point Area HS-8)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HH7+HH7	HH7	HH8	HH9	HH10	HH-10A		HH-10B		HH-10C		HH-10E	HH2-5		HH3	HH4	HH4+HK4	HH5	HH5+HK5	HH6	HH7
		Sample Depth (ft.):						1-3	1-2	0.75-3	0.75-3	1-3	0-1	1-3	0-1	1-3	0-1	1-2	1-3	0-2	2-3	2.5-3	1.5-3	0.5-3	2-3	1-3	1-2.5	1-3
		Sample Date:						12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/29/2004	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	2/22/2005	2/22/2005	2/22/2005	2/22/2005	2/22/2005	12/28/2004	12/28/2004	12/28/2004	12/28/2004
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA																					
EPH																												
(mg/kg)	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																												
(mg/kg)	Benzoic Acid	1,000*	1,000*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.6 U	NA	NA
	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	0.59 U	NA	**0.97**	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.095 JB**	NA	NA	NA	1.8 U	NA	**0.41 JB**	NA	NA
	Butyl benzyl phthalate	NS	NS	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	0.59 U	NA	0.31 U	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.078 J**	NA	NA	NA	1.8 U	NA	0.92 U	NA	NA
	Carbazole	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	**0.59** U	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	0.59 U	NA	0.31 U	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	0.056 U	NA	NA	NA	0.59 U	NA	**3.9**	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	0.59 U	NA	**2.2**	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	0.056 U	NA	NA	NA	0.59 U	NA	**8.1**	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.23**	NA	NA	NA	**1.5**	NA	**16**	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.22**	NA	NA	NA	**1.3**	NA	**9.7**	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.31**	NA	NA	NA	0.59 U	NA	**9.8**	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	**0.092**	NA	NA	NA	0.59 U	NA	**2.8**	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.08**	NA	NA	NA	0.59 U	NA	**6.5**	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.2**	NA	NA	NA	**1.3**	NA	**14**	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	0.056 U	NA	NA	NA	0.59 U	NA	0.31 U	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	**0.39**	NA	NA	NA	**2.9**	NA	**30**	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	0.056 U	NA	NA	NA	0.59 U	NA	**2.9**	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	**0.11**	NA	NA	NA	0.59 U	NA	**3.1**	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	0.59 U	NA	**3.9**	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.056 U	NA	NA	NA	0.59 U	NA	**1.8**	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.23**	NA	NA	NA	**1.7**	NA	**33**	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	**0.39**	NA	NA	NA	**2.9**	NA	**37**	NA	NA
PCBs																												
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	NA	**2.06**	**2.09**	**4.15**	**10.4**	**2.95 J**	**1.80 J**	**6.02 J**	**0.743 J**	**1.14 J**	**0.756 J**	**0.800 J**	**0.73**	**2.74**	0.209	**0.77**	NA	**0.612**	NA	**0.682**	**2.04**
	Aroclor 1260	2	2	3	3	2	1	NA	0.073 U	0.055 U	0.058 U	1.12 U	0.190 U	0.126 U	0.366 U	**0.297 J**	**0.328 J**	0.0560 U	**0.161 J**	0.13 U	**0.13** U	0.117 U	0.123 U	NA	0.066 U	NA	0.056 U	0.067 U
	Aroclor 1262	2	2	3	3	2	1	NA	**0.43**	**0.372**	**0.565**	1.12 U	NA	NA	NA	NA	NA	NA	NA	0.13 U	0.13 U	0.117 U	0.123 U	NA	**0.257**	NA	0.056 U	**0.428**
	Aroclor 1268	2	2	3	3	2	1	NA	0.073 U	0.055 U	0.058 U	1.12 U	NA	NA	NA	NA	NA	NA	NA	0.13 U	0.13 U	0.117 U	0.123 U	NA	0.066 U	NA	**1.12**	0.067 U
	Total PCBs	2	2	3	3	2	1	NA	**2.49**	**2.462**	**4.715**	**10.4**	**2.95 J**	**1.80 J**	**6.02 J**	**1.04 J**	**1.468 J**	**0.756 J**	**0.961 J**	**0.73**	**2.74**	**0.209**	**0.77**	NA	**0.869**	NA	**1.802**	**2.468**
Metals																												
(mg/kg)	Arsenic	20	20	20	20	20	N/A	**8.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.56**	NA	NA	NA	**4.62**	NA	**4**	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**903**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**27**	NA	NA	NA	**593**	NA	**788**	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	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**4.31**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.8**	NA	NA	NA	**3.14**	NA	**3.56**	NA	NA
	Chromium	30	30	200	200	30	N/A	**84**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10**	NA	NA	NA	**66**	NA	**58**	NA	NA
	Lead	300	300	300	300	300	N/A	**796**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**35**	NA	NA	NA	**359**	NA	**400**	NA	NA
	Mercury	20	20	30	30	20	N/A	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.044**	NA	NA	NA	**0.32**	NA	**0.422**	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	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	**3.42**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11 U	NA	NA	NA	0.11 U	NA	0.63 U	NA	NA
	Silver	100	100	200	200	100	N/A	**0.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.06 U	NA	NA	NA	**0.22**	NA	0.31 U	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	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	NA	NA	NA	NA	NA	NA
Metals, TCLP																												
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	**970**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**500**	NA	**240**	NA	NA
	Mercury	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No standard available 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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
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(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
** - For reference purposes only.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-8
Summary of Analytical Results for Soil Samples
New Bedford High School - Junior High Gym Class Area (Exposure Point Area HS-8)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	HJ8 0.5-2.5 12/28/2004	HJ8+HJ8 0.5-3 12/28/2004	HJ8+HJ8 0.5-3 12/28/2004 Field Dup	HJ9 1-3 12/28/2004	HJ9+HJ8 0.5-2.5 12/28/2004	HJ10 1-3 12/29/2004	HJ-10A 1-3 3/11/2009	HJ-10B 1-3 3/11/2009	HJ-10C 0-1 3/11/2009	HJ-10C 1-3 3/11/2009	HJ-10D 0-1 3/11/2009	HJ-10D 1-3 3/11/2009	HJ-10F 0-1 3/11/2009	HJ-10F 1-3 3/11/2009	HK2.5 0.5-3 2/22/2005	HK2.5+HM2.5 0.5-3 2/22/2005	HK4 0.5-3 2/22/2005	HK5 1-3 12/28/2004	HK6 0.25-3 12/28/2004	HK6 0.25-3 12/28/2004 Field Dup	HK6+HJ6 0.25-3 12/28/2004
EPH																												
(mg/kg)	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA
SVOCs/PAHs																												
(mg/kg)	Benzoic Acid	1,000*	1,000*	NS	NS	NS	N/A	NA	0.89 U	0.89 U	NA	NA	4.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dimethyl phthalate	50	600	50	600	30	N/A	NA	0.059 U	0.059 U	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	**0.21** B	**0.52** B	NA	NA	**5.6** B	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8 U	NA	NA	NA	NA	NA
	Butyl benzyl phthalate	NS	NS	NS	NS	100	N/A	NA	**0.29**	**0.33**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	**7.0**	**5.6**	NA	NA	**5.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8 U	NA	NA	NA	NA	NA
	Carbazole	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	**0.27**	**0.14**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	**0.42**	**0.26**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	**0.097**	**0.087**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.86**	**0.77**	NA	NA	**3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	**2.8**	**2.6**	NA	NA	**1.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.96**	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	**2.3**	**4.7**	NA	NA	**1.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	**3.3**	**6.5**	NA	NA	**1.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.3**	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**1.2**	**2.5**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	**0.85**	**2.3**	NA	NA	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	**2.2**	**1.9**	NA	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.76**	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	0.059 U	0.059 U	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**5.2**	**4.7**	NA	NA	**3.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.4**	**0.24**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	**1.3**	**2.6**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	**0.13**	0.059 U	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	**0.26**	**0.092**	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	**4.2**	3	NA	NA	**2.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**5.2**	**4.3**	NA	NA	**3.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA
PCBs																												
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.52**	NA	NA	**2.62**	NA	**0.444**	**0.364 J**	**0.963 J**	**1.89 J**	**10.2 J**	**0.103 J**	**0.696 J**	**1.93 J**	0.0658 U	**9.32**	NA	**0.926**	**0.242**	1.26 U	**1.62**	NA
	Aroclor 1260	2	2	3	3	2	1	0.058 U	NA	NA	0.067 U	NA	0.059 U	**0.193 J**	**0.254 J**	0.176 U	0.684 U	**0.0787 J**	**0.313 J**	**0.857 J**	0.0658 U	0.144 U	NA	0.109 U	0.053 U	1.26 U	1.27 U	NA
	Aroclor 1262	2	2	3	3	2	1	**0.22**	NA	NA	**0.603**	NA	**0.285**	NA	NA	NA	NA	NA	NA	NA	NA	0.144 U	NA	0.109 U	0.053 U	1.26 U	1.27 U	NA
	Aroclor 1268	2	2	3	3	2	1	0.058 U	NA	NA	0.067 U	NA	0.059 U	NA	NA	NA	NA	NA	NA	NA	NA	0.144 U	NA	0.109 U	0.053 U	1.26 U	1.27 U	NA
	Total PCBs	2	2	3	3	2	1	**0.74**	NA	NA	**3.223**	NA	**0.729**	**0.557 J**	**1.217 J**	**1.89 J**	**10.2 J**	**0.1817 J**	**1.009 J**	**2.787 J**	0.0658 U	**9.32**	NA	**0.926**	**0.242**	2.5 U	**1.62**	NA
Metals																												
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	**11**	**5.01**	NA	**5.94**	**2.53**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.97**	NA	NA	NA	NA	**35**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**3,640**	**787**	NA	**1,510**	**169**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**167**	NA	NA	NA	NA	**638**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	**18**	**5.29**	NA	**3.73**	**4.65**	NA	NA	**0.52**	**14.9**	**0.55**	**19.2**	**3.06**	0.34 U	NA	**4.22**	NA	NA	NA	NA	**12**
	Chromium	30	30	200	200	30	N/A	NA	**741**	**116**	NA	**206**	**192**	NA	NA	**17.6**	**332**	**19.3**	**368**	**133**	**11.8**	NA	**36**	NA	NA	NA	NA	**476**
	Lead	300	300	300	300	300	N/A	NA	**1,780**	**1,250**	NA	**526**	**436**	NA	NA	**98.5**	**2,690**	**106**	**3,120**	**922**	**8.69**	NA	**379**	NA	NA	NA	NA	**3,900**
	Mercury	20	20	30	30	20	N/A	NA	**1.36**	**0.755**	NA	**0.532**	**1.02**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.501**	NA	NA	NA	NA	**4.29**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	0.78 U	0.72 U	NA	0.76 U	0.68 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1 U	NA	NA	NA	NA	0.91 U
	Silver	100	100	200	200	100	N/A	NA	**2.33**	**1**	NA	**0.38**	0.34 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.25**	NA	NA	NA	NA	**2.82**
	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	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	NA	NA	NA	NA	NA	NA
Metals, TCLP																												
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	**3,540**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	20 U	20 U	NA	20 U	**40**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20 U
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	**560**	**720**	NA	**180**	**650**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,200**	NA	NA	NA	NA	**1,940**
	Mercury	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U

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New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HK7	HK7+HL7	HK8	HL3	HL3+HJ3	HL4		HL7	HM2.5	HM3		HN3	HN3+HM3	HO2.5	HO2.5+HO3	HO3	HS-2	SB-350		
		Sample Depth (ft.):						2-3	1-3	1-2	0.25-3	0.25-3	2-3	2-3	1-1.5	1-2	0.75-1.5	0.75-1.5	1-2	0.75-2	0.5-1.5	0.5-1.5	0.5-1.25	0-0.5	0.5	5	8
		Sample Date:						12/28/2004	12/28/2004	12/28/2004	2/22/2005	2/22/2005	2/22/2005	2/22/2005 Field Dup	12/28/2004	2/22/2005	2/22/2005	2/22/2005 Field Dup	2/22/2005	2/22/2005	2/22/2005	2/22/2005	2/22/2005	9/9/2004	8/21/2008	8/21/2008	8/21/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA																				
EPH																											
(mg/kg)	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
	C11 - C22 Aromatics	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	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	NA	NA	NA	0.238 U		0.182 U	
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 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	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 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	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 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	NA	NA	NA	NA	NA	0.238 U		0.182 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	NA	NA	NA	NA	NA	0.238 U		0.182 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	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 U	
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.238 U		0.182 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	NA	NA	NA	NA	NA	0.238 U		0.182 U	
SVOCs/PAHs																											
(mg/kg)	Benzoic Acid	1,000*	1,000*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	**0.92 JB**	2 U	NA	NA	NA	NA	NA	NA	1.8 U	NA	1.7 U	NA	NA	NA		NA	
	Butyl benzyl phthalate	NS	NS	NS	NS	100	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	1.7 U	2 U	NA	NA	NA	NA	NA	NA	1.8 U	NA	1.7 U	NA	NA	NA		NA	
	Carbazole	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.57 U	**0.68**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	**1.8**	**3.4**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	**1.3**	**2.5**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	**2**	**4.4**	NA	NA	NA	NA	NA	NA	**0.76**	NA	0.58 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	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.57 U	**1.2**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	**1.6**	**2.5**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**2.9**	**6.3**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	0.57 U	0.68 U	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	**2.6**	**3.5**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	**2.8**	**4.4**	NA	NA	NA	NA	NA	NA	0.62 U	NA	0.58 U	NA	NA	NA		NA	
PCBs																											
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**0.296**	NA	**0.367**	**1.62**	NA	**5.63**	NA	1.15 U	**0.28**	**0.634**	**0.78**	**0.48**	NA	**0.22**	NA	0.113 U	**6.51**	0.0545 U	**0.604 J**		0.0531 U	
	Aroclor 1260	2	2	3	3	2	1	0.07 U	NA	0.064 U	0.116 U	NA	0.149 U	NA	1.15 U	0.128 U	0.141 U	0.153 U	0.111 U	NA	0.111 U	NA	0.113 U	1.09 U	0.0545 U	**0.258 J**		0.0531 U	
	Aroclor 1262	2	2	3	3	2	1	0.07 U	NA	**0.185**	0.116 U	NA	0.149 U	NA	1.15 U	0.128 U	0.141 U	0.153 U	0.111 U	NA	0.111 U	NA	0.113 U	1.09 U	NA	NA		NA	
	Aroclor 1268	2	2	3	3	2	1	0.07 U	NA	0.064 U	0.116 U	NA	0.149 U	NA	1.15 U	0.128 U	0.141 U	0.153 U	0.111 U	NA	0.111 U	NA	0.113 U	1.09 U	NA	NA		NA	
	Total PCBs	2	2	3	3	2	1	**0.296**	NA	**0.552**	**1.62**	NA	**5.63**	NA	**2.3 U**	**0.28**	**0.634**	**0.78**	**0.48**	NA	**0.22**	NA	0.227 U	**6.51**	0.0545 U	**0.862 J**		0.0531 U	
Metals																											
(mg/kg)	Arsenic	20	20	20	20	20	N/A	NA	**1.77**	NA	NA	**1.22**	**5.81**	**5.93**	NA	NA	NA	NA	NA	**0.88**	NA	**0.87**	NA	NA	NA	**59.8**		2.73 U	
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**106**	NA	NA	**43**	**1,870**	**1,980**	NA	NA	NA	NA	NA	**29**	NA	**52**	NA	NA	NA	**7,430**		19.3	
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	0.61		0.28 U	
	Cadmium	2	2	30	30	2	N/A	NA	**1.68**	NA	NA	**0.92**	**7.85**	**6.03**	NA	NA	NA	NA	NA	**0.98**	NA	**1.26**	NA	NA	NA	**4.74**		0.28 U	
	Chromium	30	30	200	200	30	N/A	NA	**19**	NA	NA	**14**	**200**	**146**	NA	NA	NA	NA	NA	13	NA	16	NA	NA	NA	**1,370**		**8.20**	
	Lead	300	300	300	300	300	N/A	NA	**230**	NA	NA	**75**	**1,640**	**1,020**	NA	NA	NA	NA	NA	53	NA	40	NA	NA	NA	**638**		**3.83**	
	Mercury	20	20	30	30	20	N/A	NA	**0.226**	NA	NA	**0.078**	**0.96**	**0.343**	NA	NA	NA	NA	NA	**0.059**	NA	0.099	NA	NA	NA	**0.356**		0.011 U	
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**167**		**4.73**	
	Selenium	400	400	800	800	400	N/A	NA	0.8 U	NA	NA	0.1 U	0.12 U	0.11 U	NA	NA	NA	NA	NA	0.12 U	NA	0.11 U	NA	NA	NA	7.12 U		5.46 U	
	Silver	100	100	200	200	100	N/A	NA	**0.4**	NA	NA	0.05 U	**0.74**	**0.38**	NA	NA	NA	NA	NA	0.06 U	NA	**0.22**	NA	NA	NA	**31.5**		**1.50**	
	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	NA	NA	NA	**602**		**9.23**	
	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	NA	NA	NA	**1,300**		**19.6**	
Metals, TCLP																											
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	**2,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	**2,770**	NA	NA	NA	NA	**500**	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA		NA	
	Mercury	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA		NA	

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No standard available 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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
** - For reference purposes only.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-8
Summary of Analytical Results for Soil Samples
New Bedford High School - Junior High Gym Class Area (Exposure Point Area HS-8)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	VSS-1 0-0.5 7/23/2001	VSS-1 0.5-1 7/23/2001	VSS-2 0-0.5 7/23/2001	VSS-15 0-0.5 7/23/2001	SS-58 0-0.5 12/2/2008	SS-59 0-0.5 12/2/2008	SS-59 0-0.5 12/2/2008 Field Dup	SS-60 0-0.5 12/2/2008	SS-61 0-0.5 12/2/2008	SS-62 0-0.5 12/2/2008
EPH																	
(mg/kg)	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	**10**	NA	NA	NA	NA	NA	NA	NA	NA
	C11 - C22 Aromatics	1,000	1,000	3,000	3,000	1,000	N/A	NA	**12**	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	0.50 U	NA	NA	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	0.50 U	NA	NA	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.70**	NA	NA	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	**1.0**	NA	NA	0.213 U	0.211 U	0.211 U	**0.268**	**0.798**	0.206 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	**1.2**	NA	NA	0.213 U	0.211 U	0.211 U	**0.252**	**0.651**	0.206 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	**0.80**	NA	NA	0.213 U	0.211 U	0.211 U	**0.300**	**0.704**	0.206 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**1.4**	NA	NA	0.213 U	0.211 U	0.211 U	**0.240**	**0.403**	0.206 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	**0.70**	NA	NA	0.213 U	0.211 U	0.211 U	0.221 U	**0.294**	0.206 U
	Chrysene	70	70	400	400	70	N/A	NA	**1.1**	NA	NA	0.213 U	0.211 U	0.211 U	**0.277**	**0.936**	0.206 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	**1.2**	NA	NA	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**2.4**	NA	NA	0.213 U	**0.232**	**0.251**	**0.453**	**1.03**	**0.298**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	0.50 U	NA	NA	0.213 U	0.211 U	0.211 U	**0.244**	**0.465**	0.206 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	0.50 U	NA	NA	0.213 U	0.211 U	0.211 U	0.221 U	0.199 U	0.206 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	**2.4**	NA	NA	0.213 U	0.211 U	**0.305**	**0.299**	**0.962**	0.206 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**2.2**	NA	NA	0.213 U	**0.286**	**0.307**	**0.537**	**1.42**	**0.344**
SVOCs/PAHs																	
(mg/kg)	Benzoic Acid	1,000*	1,000*	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Butyl benzyl phthalate	NS	NS	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Carbazole	NS	NS	NS	NS	NS	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	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
	Acenaphthylene	600	10	600	10	1	N/A	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
	Benzo(a)anthracene	7	7	40	40	7	N/A	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
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	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
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	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
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	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
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	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
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	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
	Phenanthrene	500	500	1,000	1,000	10	N/A	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
PCBs																	
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	0.100 U	0.100 U	0.100 U	0.100 U	0.0578 U	**0.372 J**	**0.365 J**	**0.397 J**	0.0543 U	**0.676 J**
	Aroclor 1260	2	2	3	3	2	1	0.100 U	0.100 U	0.100 U	0.100 U	0.0578 U	**0.139 J**	**0.133 J**	**0.304 J**	0.199 J	**0.181 J**
	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	0.100 U	0.100 U	0.100 U	0.100 U	0.0578 U	**0.511 J**	**0.498 J**	**0.701 J**	0.199 J	**0.857 J**
Metals																	
(mg/kg)	Arsenic	20	20	20	20	20	N/A	**2.26**	**2.31**	**2.53**	**1.63**	3.19 U	**3.17** U	3.16 U	3.31 U	**3.34**	3.09 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**28**	**55**	**29**	**89**	**21.4**	**127**	**92.2**	**159**	**50.8**	**153**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	0.32 U	0.32 U	0.32 U	0.34 U	0.30 U	0.31 U
	Cadmium	2	2	30	30	2	N/A	0.33 U	**0.45**	0.38 U	0.34 U	0.32 U	**0.49**	**0.46**	**1.55**	0.30 U	**0.44**
	Chromium	30	30	200	200	30	N/A	**7.50**	**12**	**7.03**	**35**	**9.21**	**13.7**	**11.5**	**25.4**	**17.9**	**17.6**
	Lead	300	300	300	300	300	N/A	**81**	**92**	**47**	**51**	**7.87**	**144**	**113**	**186**	**68.0**	**95.3**
	Mercury	20	20	30	30	20	N/A	0.07 U	0.07 U	0.08 U	**0.17**	**0.027**	**0.510**	**0.511**	**0.259**	**0.088**	**0.128**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	**6.01**	**5.03**	**4.25**	**7.74**	**8.81**	**6.05**
	Selenium	400	400	800	800	400	N/A	0.66 U	0.70 U	0.77 U	0.68 U	6.38 U	6.33 U	6.31 U	6.61 U	5.96 U	6.18 U
	Silver	100	100	200	200	100	N/A	0.33 U	0.35 U	0.38 U	0.34 U	0.64 U	0.64 U	0.64 U	0.67 U	0.60 U	0.62 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	**15.0**	**17.3**	**16.5**	**25.5**	**21.5**	**19.0**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	**20.5**	**82.6**	**65.2**	**143**	**60.1**	**72.1**
Metals, TCLP																	
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Mercury	NS	NS	NS	NS	NS	200(1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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

ug/L - micrograms per liter.

B - Detected in associated laboratory method blank.

J - Estimated value; below quantitation limit.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

NS - No standard available 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 or TCLP standard, as applicable.

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

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TCLP - Toxicity Characteristic Leaching Procedure.

TSCA - Toxic Substances Control Act criteria.

Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.

(1) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.

* - TRC developed standards.

** - For reference purposes only.

[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	SB-273		SB-274			SB-275		SB-276		SB-277		SB-278	
								Sample Depth (ft.):	5.5	8	4	4	8	4	9.5	4	9.5	4	9	4	6
								Sample Date:	7/16/2008	7/16/2008	7/16/2008	7/16/2008 Field Dup	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	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															
PAHs																						
(mg/kg)	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
PCBs																						
(mg/kg)	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	**1.37 J**	0.189 UJ
	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	0.0642 U	0.189 UJ
	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	**1.37 J**	0.189 UJ
PCB Homologs																						
(mg/kg)	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	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)	Antimony	20	20	30	30	20	N/A		R	R	R	R	R	R	R	NA	NA	4.84 U	4.58 U	NA	NA
	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	NA	NA
	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**	NA	NA
	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	NA	NA
	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	NA	NA
	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**	NA	NA
	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**	NA	NA
	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	NA	NA
	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**	NA	NA
	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**	NA	NA
	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**	NA	NA
	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**	NA	NA

Notes:

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 available.

R - Rejected data point during validation.

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 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.

-sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA	SB-279 4 7/23/2008	SB-279 11 7/23/2008	SB-280 4 7/23/2008	SB-280 9.5 7/23/2008	SB-281 4 7/21/2008	SB-281 4 7/21/2008 Field Dup	SB-281 8 7/21/2008	SB-282 3.5 7/21/2008	SB-282 8 7/21/2008	SB-283 3.5 7/17/2008	SB-283 3.5 7/17/2008 Field Dup	SB-283 6 7/17/2008	SB-284 3 7/17/2008	SB-284 5 7/17/2008
PAHs																					
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.207 U	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA	**1.43**	2.08 U	0.567 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	**0.615**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA	1.03 U	2.08 U	0.567 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**0.592**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA	**3.28**	**4.77**	0.567 U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**3.04**	0.195 U	NA	NA	**0.376**	**0.613**	0.725 U	NA	NA	**7.90**	**10.4**	0.567 U	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**2.70**	0.195 U	NA	NA	**0.374**	**0.593**	0.725 U	NA	NA	**7.20**	**9.50**	0.567 U	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**4.64**	0.195 U	NA	NA	0.193 U	**1.02**	0.725 U	NA	NA	**7.36**	**9.39**	0.567 U	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**2.39**	0.195 U	NA	NA	**0.392**	0.486 U	0.725 U	NA	NA	**5.07**	**8.99**	0.567 U	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**1.70**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA	**2.93**	**4.22**	0.567 U	NA	NA
	Chrysene	70	70	400	400	70	N/A	**4.41**	0.195 U	NA	NA	**0.535**	**0.785**	0.725 U	NA	NA	**8.08**	**10.4**	0.567 U	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	**0.770**	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA	**1.39**	**2.27**	0.567 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**5.99**	0.195 U	NA	NA	**0.807**	**1.40**	0.725 U	NA	NA	**14.3**	**20.5**	0.567 U	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.207 U	0.195 U	NA	NA	0.193 U	0.486 U	0.725 U	NA	NA	**1.79**	**2.42**	0.567 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**2.89**	0.195 U	NA	NA	**0.301**	0.486 U	0.725 U	NA	NA	**5.81**	**9.27**	0.567 U	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	**0.743**	0.195 U	NA	NA	**0.249**	**0.614**	0.725 U	NA	NA	1.03 U	2.08 U	0.567 U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	**0.523**	0.195 U	NA	NA	**0.402**	**2.15**	0.725 U	NA	NA	1.03 U	2.08 U	0.567 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**1.72**	0.195 U	NA	NA	**0.513**	**1.34**	0.725 U	NA	NA	**14.0**	**20.0**	0.567 U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**5.08**	0.195 U	NA	NA	**0.675**	**1.04**	0.725 U	NA	NA	**14.6**	**20.1**	0.567 U	NA	NA
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**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	**0.566 J**	**0.670 J**	0.147 U	**0.499 J**	0.207 UJ
	Aroclor 1260	2	2	3	3	2	1	**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	**0.247 J**	**0.421 J**	0.147 U	**0.269 J**	0.207 UJ
	Total PCBs	2	2	3	3	2	1	**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	**0.813 J**	**1.091 J**	0.147 U	**0.768 J**	0.207 UJ
PCB Homologs																					
(mg/kg)	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	0.029 U	NA	NA	NA	NA	NA	NA	**0.045**	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	0.074 U	NA	NA	NA	NA	NA	NA	**0.045**	NA	NA	NA	NA
Metals																					
(mg/kg)	Antimony	20	20	30	30	20	N/A	4.96 U	4.68 U	4.84 U	8.74 U	R	R	R	NA	NA	R	R	R	NA	NA
	Arsenic	20	20	20	20	20	N/A	**41.5**	2.93 U	**21.3**	**9.02**	**44.5**	**27.1**	10.9 U	NA	NA	**19.8**	**18.8**	**13.5**	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**644**	**8.05**	**470**	**24.8**	**671**	**675**	**147**	NA	NA	**558**	**544**	**198**	NA	NA
	Beryllium	100	100	200	200	100	N/A	**0.71**	0.30 U	**1.03**	**0.73**	**0.70**	**0.52**	1.09 U	NA	NA	0.31 U	0.32 U	0.86 U	NA	NA
	Cadmium	2	2	30	30	2	N/A	**4.39**	0.30 U	**9.10**	0.55 U	**4.25**	**2.90**	1.09 U	NA	NA	**3.93**	**4.65**	0.86 U	NA	NA
	Chromium	30	30	200	200	30	N/A	**75.6**	**3.77**	**23.2**	**15.2**	**149**	**124**	**7.78**	NA	NA	**30.4**	**26.6**	**9.55**	NA	NA
	Lead	300	300	300	300	300	N/A	**2,060**	**36.2**	**1,980**	**5.61**	**4,940**	**4,970**	**8.87**	NA	NA	**1,450**	**1,680**	**13.5**	NA	NA
	Mercury	20	20	30	30	20	N/A	**0.917**	0.013 U	**0.527**	0.045 U	**0.352**	**0.449**	0.095 U	NA	NA	**1.17**	**1.30**	**0.191**	NA	NA
	Nickel	20	20	700	700	20	N/A	**35.9**	**2.27**	**15.0**	**19.6**	**25.6**	**28.2**	2.18 U	NA	NA	**21.5**	**20.2**	**4.75**	NA	NA
	Silver	100	100	200	200	100	N/A	**12.3**	0.59 U	**8.25**	1.10 U	**9.83**	**25.2**	2.18 U	NA	NA	**17.7**	**14.4**	**2.14**	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**25.5**	5.85 U	**20.0**	**21.2**	**19.4**	**18.7**	21.8 U	NA	NA	**22.9**	**23.3**	17.1 U	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**1,340**	**10.6**	**1,770**	**40.1**	**1,660**	**1,520**	**58.6**	NA	NA	**1,450**	**1,370**	**32.7**	NA	NA

Notes:

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 available.

R - Rejected data point during validation.

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 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.

-sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-285		SB-286		SB-287		SB-288		SB-289		SB-290		SB-291	
		Sample Depth (ft.):						3.5	7.5	4	9	4	9	4	9	3.5	6	2.5	6	2	6
		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	7/21/2008	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)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	1.02 U	0.178 U	NA	NA	**2.64**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	1.02 U	0.178 U	NA	NA	0.981 U	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	1.02 U	0.178 U	NA	NA	**5.78**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	**1.31**	0.178 U	NA	NA	**10.2**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	**1.07**	0.178 U	NA	NA	**8.80**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	1.02 U	0.178 U	NA	NA	**9.21**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	1.02 U	0.178 U	NA	NA	**5.58**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	1.02 U	0.178 U	NA	NA	**3.54**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**1.27**	0.178 U	NA	NA	**9.65**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	1.02 U	0.178 U	NA	NA	0.981 U	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**2.06**	0.178 U	NA	NA	**18.8**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	1.02 U	0.178 U	NA	NA	**3.16**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	1.02 U	0.178 U	NA	NA	**6.63**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	1.02 U	0.178 U	NA	NA	0.981 U	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	1.02 U	0.178 U	NA	NA	**1.57**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	**3.60**	0.178 U	NA	NA	**21.2**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**3.82**	0.178 U	NA	NA	**18.0**	0.212 U	NA	NA	1.96 U	0.507 U	NA	NA	NA	NA
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**5.74 J**	0.0553 U	**6.17 J**	**0.232 J**	**1.27 J**	0.0611 U	**0.294 J**	0.0575 U	**1.69 J**	**0.184 J**	**0.127 J**	0.0532 U	**0.127 J**	0.0533 U
	Aroclor 1260	2	2	3	3	2	1	**1.76 J**	0.0553 U	**1.02 J**	0.0550 U	**0.509 J**	0.0611 U	**0.161 J**	0.0575 U	**1.24 J**	0.163 U	0.0526 U	0.0532 U	0.0552 U	0.0533 U
	Total PCBs	2	2	3	3	2	1	**7.50 J**	0.0553 U	**7.19 J**	**0.232 J**	**1.779 J**	0.0611 U	**0.455 J**	0.0575 U	**2.93 J**	**0.184 J**	**0.127 J**	0.0532 U	**0.127 J**	0.0533 U
PCB Homologs																					
(mg/kg)	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	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)	Antimony	20	20	30	30	20	N/A	**226**	4.26 U	NA	NA	4.71 U	5.08 U	NA	NA	4.69 U	12.2 U	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**26.6**	2.66 U	NA	NA	**31.9**	3.18 U	NA	NA	**14.6**	**39.8**	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**986**	**20.2**	NA	NA	**1,810**	**7.35**	NA	NA	**717**	**326**	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.27 U	NA	NA	0.30 U	0.32 U	NA	NA	0.30 U	0.76 U	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**14.8**	0.27 U	NA	NA	**84.3**	0.32 U	NA	NA	**2.91**	**1.59**	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**280**	**3.44**	NA	NA	**302**	**3.30**	NA	NA	**44.4**	**42.6**	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**1,140**	**3.20**	NA	NA	**3,110**	**3.07**	NA	NA	**1,730**	**60.6**	NA	NA	NA	NA
	Mercury	20	20	30	30	20	N/A	**2.26**	0.017 U	NA	NA	**0.773**	0.016 U	NA	NA	**0.818**	**0.247**	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	**55.7**	**2.43**	NA	NA	**83.2**	**4.14**	NA	NA	**18.5**	**48.0**	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	**23.3**	**0.85**	NA	NA	**28.4**	**1.16**	NA	NA	**6.44**	**18.0**	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**311**	5.32 U	NA	NA	**45.0**	6.35 U	NA	NA	**66.8**	15.2 U	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**2,210**	**14.7**	NA	NA	**3,540**	**12.3**	NA	NA	**671**	**372**	NA	NA	NA	NA

Notes:
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 available.
R - Rejected data point during validation.
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 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.
-sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	SB-292		SB-293			SB-294			SB-295		SB-296		
								Sample Depth (ft.):	2	5	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	7/21/2008	7/21/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008 Field Dup	7/22/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA														
PAHs																					
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	0.222 U	0.719 U	NA	NA	NA	NA	NA	NA	0.233 U	0.226 U	0.198 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A		NA	NA	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		NA	NA	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		NA	NA	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		NA	NA	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 1254	2	2	3	3	2	1		0.0519 U	0.0527 U	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		0.0519 U	0.0527 U	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		0.0519 U	0.0527 U	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)	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A		NA	NA	NA	NA	NA	NA	NA	NA	**0.057**	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		NA	NA	NA	NA	NA	NA	NA	NA	**0.057**	NA	NA	NA	NA
Metals																					
(mg/kg)	Antimony	20	20	30	30	20	N/A		NA	NA	R	R	4.62 U	R	R	4.73 U	NA	NA	R	R	R
	Arsenic	20	20	20	20	20	N/A		NA	NA	**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		NA	NA	**438**	**266**	**15.8**	**1,920**	**170**	**63.9**	NA	NA	**314**	**242**	5.92 U
	Beryllium	100	100	200	200	100	N/A		NA	NA	**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		NA	NA	**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		NA	NA	**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		NA	NA	**396**	**848**	**3.20**	**3,260**	**790**	**257**	NA	NA	**353**	**436**	**2.01**
	Mercury	20	20	30	30	20	N/A		NA	NA	**0.212**	**0.389**	0.022 U	**1.34**	**0.118**	**0.041**	NA	NA	**0.143**	**0.372**	0.020 U
	Nickel	20	20	700	700	20	N/A		NA	NA	**14.0**	**25.9**	**2.76**	**31.8**	**13.7**	**8.03**	NA	NA	**14.1**	**11.7**	**2.46**
	Silver	100	100	200	200	100	N/A		NA	NA	**2.97**	**21.5**	0.58 U	**16.0**	**6.15**	0.60 U	NA	NA	**4.28**	**7.99**	0.60 U
	Vanadium	600	600	1,000	1,000	600	N/A		NA	NA	**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		NA	NA	**185**	**4,500**	**11.1**	**894**	**2,050**	**1,000**	NA	NA	**288**	**169**	**13.4**

Notes:

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 available.

R - Rejected data point during validation.

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 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.

[redacted] -sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA	SB-297 Sample Location / Depth (ft.) / Sample Date			SB-298		SB-299		SB-300		SB-301		SB-302	
								6 7/22/2008	8 7/22/2008	11 7/22/2008	4 8/4/2008	8 8/4/2008	4 8/4/2008	8 8/4/2008	4 7/22/2008	8 7/22/2008	7 7/22/2008	10.5 7/22/2008	2,5 7/22/2008	8 7/22/2008
PAHs																				
(mg/kg)	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	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	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	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	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	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	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	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	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	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	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	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	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	NA	NA
	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	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	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	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	NA	NA
PCBs																				
(mg/kg)	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	0.0640 U	0.205 UJ
	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	0.0640 U	0.205 UJ
	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	0.0640 U	0.205 UJ
PCB Homologs																				
(mg/kg)	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	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA	NA	NA	NA
Metals																				
(mg/kg)	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	R	R
	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	**8.84**	10.7 U
	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	**280**	**31.1**
	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	**0.84**	1.07 U
	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	**0.51**	1.07 U
	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	**9.81**	**2.17**
	Lead	300	300	300	300	300	N/A	**1,500**	**50.6**	**2.76**	**869**	**12.2**	NA	NA	**142**	**9.62**	NA	NA	**2,440**	**4.73**
	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	**0.094**	0.084 U
	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	**11.6**	2.13 U
	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	**1.37**	2.13 U
	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	**35.9**	21.3 U
	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	**181**	**27.8**

Notes:

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 available.

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U - Compound was not detected at specified quantitation limit.

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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 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.

-sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA	SB-303 5 7/22/2008	SB-303 10 7/22/2008	SB-304 5 7/22/2008	SB-304 8 7/22/2008	SB-305 4 7/22/2008	SB-305 9 7/22/2008	SB-307 3 7/23/2008	SB-307 6 7/23/2008	SB-307 9 7/23/2008	SB-308 3.5 7/23/2008	SB-308 6 7/23/2008	SB-308A 3-4 5/21/2009	SB-308B 3 5/21/2009	SB-308B 4 5/21/2009
PAHs																					
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**240**	0.698 U	**2.3**	0.20 U	0.20 U
	Acenaphthylene	600	10	600	10	1	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	9.32 U	0.698 U	0.19 U	0.20 U	0.20 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**443**	0.698 U	**3.9**	0.20 U	**0.50**
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**644**	0.698 U	**5.1**	**0.38**	**1.9**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**564**	0.698 U	**4.2**	**0.34**	**1.5**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**635**	0.698 U	**4.5**	**0.40**	**1.2**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**337**	0.698 U	**2.6**	**0.22**	**0.78**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**257**	0.698 U	**2.0**	0.20 U	**0.49**
	Chrysene	70	70	400	400	70	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**587**	0.698 U	**5.1**	**0.37**	**2.2**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**143**	0.698 U	**0.61**	0.20 U	0.20 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**1,300**	**1.05**	**11**	**0.64**	**2.2**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**311**	0.698 U	**2.9**	0.20 U	0.20 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**400**	0.698 U	**3.2**	**0.22**	**0.81**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**146**	0.698 U	**1.0**	0.20 U	0.20 U
	Naphthalene	40	500	40	1,000	4	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**354**	0.698 U	**1.4**	0.20 U	0.20 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**1,310**	**0.785**	**17**	**0.76**	**2.2**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.279 U	0.932 U	NA	NA	NA	NA	NA	NA	NA	**1,050**	**0.799**	**11**	**0.62**	**4.2**
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0689 U	0.273 UJ	0.0670 U	0.211 UJ	0.0611 U	0.0593 U	0.0649 U	0.245 UJ	NA	0.105 U	0.192 UJ	NA	NA	NA
PCB Homologs																					
(mg/kg)	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	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)	Antimony	20	20	30	30	20	N/A	R	22.4 U	NA	NA	5.12 U	4.85 U	5.05 U	20.9 U	4.73 U	**7.03**	16.8 U	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**31.9**	14.0 U	NA	NA	**8.68**	3.04 U	**5.99**	13.1 U	2.96 U	**15.0**	10.5 U	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**1,960**	**44.4**	NA	NA	**702**	**6.83**	**373**	**85.1**	5.92 U	**261**	**50.5**	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	**1.45**	1.40 U	NA	NA	**1.23**	0.31 U	**0.85**	1.31 U	0.30 U	**2.94**	1.05 U	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**1.34**	1.40 U	NA	NA	**1.55**	0.31 U	**0.76**	**4.43**	0.30 U	**0.49**	1.05 U	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**24.4**	**8.56**	NA	NA	**18.3**	**2.88**	**11.6**	**7.18**	**1.61**	**5.15**	2.10 U	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**1,820**	4.19 U	NA	NA	**3,970**	**7.80**	**589**	**281**	**2.36**	**503**	**5.22**	NA	NA	NA
	Mercury	20	20	30	30	20	N/A	**0.488**	0.140 U	NA	NA	0.028 U	0.014 U	**0.074**	0.115 U	0.016 U	**0.086**	**0.104**	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	**27.3**	**5.69**	NA	NA	**14.7**	**2.40**	**35.2**	**5.74**	**1.20**	**3.75**	2.10 U	NA	NA	NA
	Silver	100	100	200	200	100	N/A	**2.82**	2.80 U	NA	NA	0.64 U	0.61 U	0.64 U	**4.67**	0.60 U	0.56 U	2.10 U	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**50.6**	28.0 U	NA	NA	**32.8**	6.07 U	**160**	26.1 U	5.92 U	**19.4**	21.0 U	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**564**	**13.4**	NA	NA	**435**	**8.99**	**343**	**1,300**	**8.26**	**80.7**	**17.3**	NA	NA	NA

Notes:

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 available.

R - Rejected data point during validation.

U - Compound was not detected at specified quantitation limit.

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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 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.

-sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte						Sample Location:	SB-308C		SB-308D		SB-308F	SB-308H	SB-308I	SB-309		SB-310		SB-311		
							Sample Depth (ft.):	3	5	3	5	3-4	3-4	3-4	4	8	3	7	6	6	9
							Sample Date:	5/21/2009	5/21/2009	5/21/2009	5/21/2009	5/20/2009	5/20/2009	5/21/2009	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)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.18 U	0.65 U	0.37 U	0.67 U	0.19 U	0.37 U	0.19 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Acenaphthylene	600	10	600	10	1	N/A	0.18 U	0.65 U	0.37 U	0.67 U	**0.64**	0.37 U	0.19 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	**0.24**	0.65 U	**0.48**	0.67 U	**0.84**	0.37 U	**0.34**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.36**	**0.86**	**1.7**	0.67 U	**3.9**	0.37 U	**0.63**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.32**	**0.82**	**1.6**	0.67 U	**4.5**	0.37 U	**0.49**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.43**	**1.2**	**1.9**	0.67 U	**4.8**	0.37 U	**0.62**	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	0.18 U	0.65 U	**0.77**	0.67 U	**1.7**	0.37 U	**0.53**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.18 U	0.65 U	**0.79**	0.67 U	**1.9**	0.37 U	**0.26**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Chrysene	70	70	400	400	70	N/A	**0.34**	**0.81**	**1.6**	0.67 U	**4.1**	0.37 U	**0.66**	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	0.18 U	0.65 U	0.37 U	0.67 U	**0.46**	0.37 U	**0.21**	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	**0.57**	**1.4**	**2.8**	0.67 U	**7.5**	0.37 U	**1.6**	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	0.18 U	0.65 U	0.37 U	0.67 U	**0.20**	0.37 U	0.19 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	0.18 U	0.65 U	**0.98**	0.67 U	**2.0**	**0.50**	**0.59**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.18 U	0.65 U	0.37 U	0.67 U	0.19 U	0.37 U	0.19 U	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Naphthalene	40	500	40	1,000	4	N/A	**0.20**	0.65 U	0.37 U	0.67 U	**0.29**	0.37 U	**0.32**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.79**	**1.7**	**1.8**	0.67 U	**4.2**	0.37 U	**1.3**	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	**0.51**	**0.91**	**2.6**	0.67 U	**8.6**	0.37 U	**1.4**	NA	NA	NA	NA	1.16 U	0.232 U	0.652 U
PCBs																					
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	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)	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	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)	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	**287**	24.1 U	**384**	**356**	**23.7**
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.86**	1.21 U	**0.55**	**0.59**	0.98 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.46**	1.21 U	**1.71**	**1.71**	0.98 U
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**11.0**	**10.8**	**24.6**	**40.8**	**11.5**
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**443**	**3.91**	**1,970**	**912**	**4.51**
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.08**	0.105 U	**0.218**	**0.215**	0.078 U
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**13.0**	**8.83**	**17.2**	**31.3**	**9.47**
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.18**	2.41 U	**10.7**	**12.5**	1.96 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	**76.4**	**14.3**	**851**	**592**	**21.3**

Notes:

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

J - Estimated value; below quantitation limit.

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TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-312		SB-313		NBHS-2			NBHS-3		NBHS-4			
		Sample Depth (ft.):						5	9	5	8	1.5	3,5	5	4	6	2	6	6	8
		Sample Date:						8/5/2008	8/5/2008	8/4/2008	8/4/2008	8/4/2008	8/4/2008	8/4/2008	7/30/2008	7/30/2008	7/31/2008	7/31/2008	7/31/2008 Field Dup	7/31/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA													
PAHs																				
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**0.349**	0.174 U
	Acenaphthylene	600	10	600	10	1	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	0.186 U	0.174 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**0.797**	0.174 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**1.87**	0.174 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**1.64**	0.174 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**1.90**	0.174 U
	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	NA	NA	NA	NA	0.181 U	**1.08**	0.174 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**0.634**	0.174 U
	Chrysene	70	70	400	400	70	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**1.76**	0.174 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**0.324**	0.174 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**3.55**	0.174 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**0.438**	0.174 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**1.29**	0.174 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	0.186 U	0.174 U
	Naphthalene	40	500	40	1,000	4	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	0.186 U	0.174 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**3.80**	0.174 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.174 U	NA	NA	NA	NA	NA	NA	NA	NA	0.181 U	**3.48**	0.174 U
PCBs																				
(mg/kg)	Aroclor 1254	2	2	3	3	2	1	**19.7 J**	0.0500 U	**6.32 J**	0.0529 U	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
	Aroclor 1260	2	2	3	3	2	1	0.527 U	0.0500 U	0.206 U	0.0529 U	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
	Total PCBs	2	2	3	3	2	1	**19.7 J**	0.0500 U	**6.32 J**	0.0529 U	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
PCB Homologs																				
(mg/kg)	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	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)	Antimony	20	20	30	30	20	N/A	4.47 U	4.16 U	NA	NA	NA	NA	NA	NA	NA	NA	4.33 U	4.46 U	4.18 U
	Arsenic	20	20	20	20	20	N/A	2.80 U	2.60 U	NA	NA	NA	NA	NA	NA	NA	NA	2.71 U	**2.86**	**3.31**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**5.90**	**8.82**	NA	NA	NA	NA	NA	NA	NA	NA	**15.0**	**19.7**	**13.4**
	Beryllium	100	100	200	200	100	N/A	0.28 U	0.26 U	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	0.28 U	0.27 U
	Cadmium	2	2	30	30	2	N/A	0.28 U	0.26 U	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	0.28 U	0.27 U
	Chromium	30	30	200	200	30	N/A	**2.06**	**4.05**	NA	NA	NA	NA	NA	NA	NA	NA	**5.33**	**8.46**	**5.29**
	Lead	300	300	300	300	300	N/A	**2.97**	**4.88**	NA	NA	NA	NA	NA	NA	NA	NA	**9.74**	**15.7**	**2.86**
	Mercury	20	20	30	30	20	N/A	0.020 U	0.017 U	NA	NA	NA	NA	NA	NA	NA	NA	**0.022**	**0.027**	**0.645**
	Nickel	20	20	700	700	20	N/A	**2.37**	**3.40**	NA	NA	NA	NA	NA	NA	NA	NA	**3.75**	**5.91**	**3.02**
	Silver	100	100	200	200	100	N/A	**0.57**	**0.71**	NA	NA	NA	NA	NA	NA	NA	NA	0.55 U	**0.62**	**0.65**
	Vanadium	600	600	1,000	1,000	600	N/A	5.59 U	**5.53**	NA	NA	NA	NA	NA	NA	NA	NA	**7.46**	**10.5**	**9.32**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**9.50**	**10.2**	NA	NA	NA	NA	NA	NA	NA	NA	**19.0**	**25.3**	**16.3**

Notes:

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 available.

R - Rejected data point during validation.

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 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.

-sample location to be excavated.

TABLE 3-9
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Beneath Pavement/Building Areas (Exposure Point Area HS-9)
New Bedford, Massachusetts

Analysis	Analyte							Sample Location:	NBHS-5		NBHS-6		NBHS-7		NBHS-8	
								Sample Depth (ft.):	4	8	3	6	3	7	2.5	6
								Sample Date:	7/30/2008	7/30/2008	7/28/2008	7/28/2008	7/29/2008	7/29/2008	7/28/2008	7/28/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA									
PAHs																
(mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Chrysene	70	70	400	400	70	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A		NA	NA	NA	NA	0.177 U	0.188 U	NA	NA
PCBs																
(mg/kg)	Aroclor 1254	2	2	3	3	2	1		**0.192 J**	0.0599 U	**1.13 J**	0.0553 U	**0.183 J**	0.0532 U	0.0510 U	**0.0687 J**
	Aroclor 1260	2	2	3	3	2	1		0.0500 U	0.0599 U	0.0537 U	0.0553 U	0.0504 U	0.0532 U	0.0510 U	0.0568 U
	Total PCBs	2	2	3	3	2	1		**0.192 J**	0.0599 U	**1.13 J**	0.0553 U	**0.183 J**	0.0532 U	0.0510 U	**0.0687 J**
PCB Homologs																
(mg/kg)	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A		NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1		NA	NA	NA	NA	NA	NA	NA	NA
Metals																
(mg/kg)	Antimony	20	20	30	30	20	N/A		4.22 U	4.80 U	4.28 U	4.55 U	4.24 U	4.50 U	NA	NA
	Arsenic	20	20	20	20	20	N/A		2.64 U	3.00 U	**4.17**	2.85 U	2.65 U	2.82 U	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A		**27.9**	**14.2**	**308**	**9.10**	**31.7**	5.63 U	NA	NA
	Beryllium	100	100	200	200	100	N/A		0.27 U	0.30 U	0.27 U	0.29 U	0.27 U	0.29 U	NA	NA
	Cadmium	2	2	30	30	2	N/A		0.27 U	0.30 U	**0.90**	0.29 U	0.27 U	0.29 U	NA	NA
	Chromium	30	30	200	200	30	N/A		**6.40**	**5.38**	**31.0**	**4.53**	**7.39**	**2.26**	NA	NA
	Lead	300	300	300	300	300	N/A		**4.05**	**3.46**	**322**	**2.99**	**13.7**	**2.03**	NA	NA
	Mercury	20	20	30	30	20	N/A		0.015 U	0.016 U	**0.183**	0.022 U	**0.018**	0.017 U	NA	NA
	Nickel	20	20	700	700	20	N/A		**5.45**	**3.85**	**9.14**	**2.33**	**5.35**	**1.49**	NA	NA
	Silver	100	100	200	200	100	N/A		**1.05**	0.60 U	**1.59**	0.57 U	**0.70**	0.57 U	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A		**8.08**	**8.25**	**17.6**	5.69 U	**9.48**	5.63 U	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A		**13.0**	**11.4**	**315**	**11.2**	**24.0**	**10.4**	NA	NA

Notes:

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 available.

R - Rejected data point during validation.

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 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.

-sample location to be excavated.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HA3	HA4	HA4+HA3	HA5	HA8	HA8+HA5	HA9	HA-9		HA10	HA-10		HA10+HA9	HA-19	HA-19A		HA-19B		HA-19C			HA-19D	
		Sample Depth (ft.):						0.5-1	1-2	0.5-2	2.5-2.7	2.5-3	2.5-3	2.5-3	0-1	1-3	2.5-3	0-1	1-3	2.5-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
		Sample Date:						12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	5/19/2009	5/19/2009	12/29/2004	5/19/2009	5/19/2009	12/29/2004	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																						
VOCs																													
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA
EPH																													
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																													
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	NA	NA	NA	NA	NA	0.55 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	0.87 U	NA	NA	0.82 U	NA	NA	NA	NA	NA	NA	1.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	0.87 U	NA	NA	0.82 U	NA	NA	NA	NA	NA	NA	1.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	NA	NA	NA	NA	NA	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	4.2	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	1.5	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	NA	NA	0.29 U	NA	NA	**0.69**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	12	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	**0.35**	NA	NA	**3.3**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**28**	**0.450**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.29 U	NA	NA	**2.5**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**18**	**0.439**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.29 U	NA	NA	**2.4**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**19**	**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	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**11**	**0.289**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.29 U	NA	NA	**1.2**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**7.1**	**0.218**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	**0.31**	NA	NA	**2.7**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**23**	**0.528**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	0.55 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	NA	NA	**0.91**	NA	NA	**6.6**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**61**	**0.736**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**15**	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	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**7.4**	**0.345**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**6**	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.29 U	NA	NA	0.27 U	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**0.92**	0.204 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	**0.32**	NA	NA	**4.8**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**61**	**0.694**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	**0.69**	NA	NA	**8.1**	NA	0.19 U	0.18 U	NA	0.19 U	0.20 U	**60**	**0.800**	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																													
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.064 U	1.26 U	NA	0.058 U	0.055 U	NA	0.054 U	0.567 U	0.472 U	0.055 U	0.165 U	0.174 U	NA	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	**0.637**	**11.3**	NA	**1.08**	**1.06**	NA	**1.92**	**18.8 J**	**10.2 J**	**0.62**	**3.21 J**	**2.70 J**	NA	**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	0.064 U	1.26 U	NA	0.058 U	0.055 U	NA	0.054 U	0.567 U	0.472 U	0.055 U	0.165 U	0.174 U	NA	**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	0.064 U	1.26 U	NA	0.058 U	0.055 U	NA	0.054 U	NA	NA	0.055 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.637**	**11.3**	NA	**1.08**	**1.06**	NA	**1.92**	**18.8 J**	**10.2 J**	**0.62**	**3.21 J**	**2.70 J**	NA	**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	**0.113**	NA	NA	0.075 U	NA	NA	NA	NA	NA	NA	0.075 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	**3.03**	NA	NA	**2.22**	NA	**2.9**	2.7 U	NA	2.8 U	2.9 U	**1.25**	**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	NA	NA	**93**	NA	NA	**50**	NA	**14**	**8.9**	NA	**14**	13	**30**	**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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	**1.45**	NA	NA	**0.69**	NA	0.28 U	0.27 U	NA	0.28 U	0.29 U	**0.9**	**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	NA	NA	**10**	NA	NA	**8.54**	NA	**5.8**	**2.3**	NA	**6.2**	**5.9**	**8.44**	**358**	**9.1**	**48**	**5.1**	**47**	**6.9**	**84**	**4,800**	**16**	**4.3**
	Lead	300	300	300	300	300	N/A	NA	NA	**170**	NA	NA	**45**	NA	**10**	**3.3**	NA	**6.4**	**7.0**	**17**	**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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	0.69 U	NA	NA	0.69 U	NA	NA	NA	NA	NA	NA	0.69 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	0.34 U	NA	NA	0.35 U	NA	NA	NA	NA	NA	NA	0.35 U	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	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	NA	NA	NA	NA	NA	NA	NA	NA
GRO																													
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																													
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[5b]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	**260**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: HA-19E	HA-19F	HA-19G	HA-19I		HA-19K	HA-19M	HA-19O	HA-19Q	HA-19S	HA33	HA33+HA35	HA35	HA-36	HB-7		HB-9	
								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	1-1.5	1-3	0-1	1-3	0-1	1-3
								Sample Date: 5/19/2009	5/19/2009	5/19/2009	7/7/2009	7/7/2009 Field Dup	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	1/11/2005	1/11/2005	1/11/2005	4/7/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009
VOCs																									
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	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	NA	NA	NA	NA
EPH																									
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																									
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.83 U	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.83 U	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	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	0.28 U	NA	0.178 U	0.20 U	0.18 U	0.20 U	0.52
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	NA	0.178 U	0.20 U	0.18 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	NA	1.1	NA	0.178 U	0.20 U	0.18 U	0.20 U	1.4
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3	NA	0.178 U	0.20 U	0.18 U	0.20 U	1.9
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5	NA	0.178 U	0.20 U	0.18 U	0.20 U	1.5
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.4	NA	0.178 U	0.20 U	0.18 U	0.20 U	1.7
	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	1.2	NA	0.178 U	0.20 U	0.18 U	0.20 U	0.63
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.97	NA	0.178 U	0.20 U	0.18 U	0.20 U	0.68
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.9	NA	0.178 U	0.20 U	0.18 U	0.20 U	1.7
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	0.178 U	0.20 U	0.18 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	NA	8.4	NA	0.178 U	0.20 U	0.18 U	0.20 U	3.4
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	0.178 U	0.20 U	0.18 U	0.20 U	0.71
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	NA	0.178 U	0.20 U	0.18 U	0.20 U	0.80
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 U	NA	0.178 U	0.20 U	0.18 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	NA	0.28 U	NA	0.178 U	0.20 U	0.18 U	0.20 U	0.29
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	NA	0.178 U	0.20 U	0.18 U	0.20 U	5.0
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	NA	0.178 U	0.20 U	0.18 U	0.20 U	3.2
PCBs																									
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.055 U	NA	0.058 U	0.0516 U	0.111 U	0.0504 U	0.403 U	0.225 U
	Aroclor 1254	2	2	3	3	2	1	2.69 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.142	NA	2.24	0.181 J	1.91 J	0.0504 U	9.00 J	3.93 J
	Aroclor 1260	2	2	3	3	2	1	0.175 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.055 U	NA	0.058 U	0.0516 U	0.111 U	0.0504 U	0.403 U	0.225 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.055 U	NA	0.361	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	0.142	NA	2.601	0.181 J	1.91 J	0.0504 U	9.00 J	3.93 J
Metals																									
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.106	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	2.6	NA	2.67 U	2.9 U	3.2	3.0 U	4.4
	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	NA	107	NA	12.4	16	12	15	200
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	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	NA	0.95	NA	0.27 U	0.29 U	0.26 U	0.30 U	0.79
	Chromium	30	30	200	200	30	N/A	30	1,900	100	NA	NA	NA	NA	NA	NA	NA	NA	7.55	NA	2.79	6.3	5.3	5.4	19
	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	NA	209	NA	6.49	16	7.1	8.4	280
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	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	0.11 U	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	0.77	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	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	NA	NA	NA
GRO																									
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA
Metals, TCLP																									
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(2)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	NA	NA	NA	NA	NA	NA

Notes:
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B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
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Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - MassDEP Method 1 standards and RC for C9-C10 aromatics used.
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(3) - MassDEP RC for Dichloropropene used.
(4) - MassDEP RC for 1,3-Dichloropropene used.
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* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HB-10		HB-22			HA38	HA38+HA40	HA40		HA41+HA42	HA42	HA43	HA43+HA44	HA44	HB3	HB7	HB7+HB9	HB9	HB10	HB10+HD10	HB12	HB12+HB16	HB16
		Sample Depth (ft.):						0-1	1-3	0-1	1-3	1-3	1-3	0.5-3	0.5-3	0.5-3	0.75-3	0.5-3	0.5-3	0.75-3	0.75-3	2-3	2.75-3	2.5-3	2.5-3	2.5-3	1-3	2.5-3	2.5-3	2.5-3
		Sample Date:						5/19/2009	5/19/2009	4/9/2009	4/9/2009	4/9/2009 Field Dup	1/11/2005	1/11/2005	1/11/2005	1/11/2005 Field Dup	1/11/2005	1/11/2005	1/11/2005	1/11/2005	1/11/2005	12/29/2004	12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/28/2004	12/29/2004	12/29/2004	12/29/2004
		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPH																														
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																														
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	0.27 U	NA	NA	0.29 U	NA	NA	0.28 U	NA	NA	NA	0.063 U	NA	NA	NA	NA	0.32 U	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	0.3 JB	NA	NA	0.87 U	NA	NA	0.84 U	NA	NA	NA	**0.27 B**	NA	NA	NA	NA	0.97 U	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	0.82 U	NA	NA	0.87 U	NA	NA	0.84 U	NA	NA	NA	**0.33**	NA	NA	NA	NA	0.97 U	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	**0.7**	NA	NA	NA	0.29 U	NA	NA	0.28 U	NA	NA	NA	**0.2**	NA	NA	NA	NA	0.32 U	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**1.5**	NA	NA	0.29 U	NA	NA	**0.4**	NA	NA	NA	**0.28**	NA	NA	NA	NA	0.32 U	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**0.3**	NA	NA	0.29 U	NA	NA	**0.63**	NA	NA	NA	0.063 U	NA	NA	NA	NA	**2.9**	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**3.7**	NA	NA	**0.56**	NA	NA	1.8	NA	NA	NA	**0.93**	NA	NA	NA	NA	**0.56**	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.20 U	**1.3**	**0.285**	**1.00**	NA	NA	**8.2**	NA	NA	**1.4**	NA	NA	**3.9**	NA	NA	NA	**2.5**	NA	NA	NA	NA	**4.2**	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.20 U	**1.3**	**0.265**	0.966 U	NA	NA	**5.3**	NA	NA	**1**	NA	NA	**2.5**	NA	NA	NA	**2.2**	NA	NA	NA	NA	**5.4**	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.20 U	**1.4**	**0.366**	**1.36**	NA	NA	**7.1**	NA	NA	**1.4**	NA	NA	**3.2**	NA	NA	NA	**3.4**	NA	NA	NA	NA	**5.4**	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**0.69**	0.193 U	0.966 U	NA	NA	**2.1**	NA	NA	**0.43**	NA	NA	**0.97**	NA	NA	NA	1.2	NA	NA	NA	NA	**1.8**	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.20 U	**0.54**	0.193 U	0.966 U	NA	NA	**2.1**	NA	NA	**0.29**	NA	NA	**0.8**	NA	NA	NA	1.1	NA	NA	NA	NA	**2.4**	NA
	Chrysene	70	70	400	400	70	N/A	0.20 U	**1.3**	**0.327**	**1.06**	NA	NA	**6.5**	NA	NA	**1.3**	NA	NA	**3.4**	NA	NA	NA	2.5	NA	NA	NA	NA	**2.8**	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**0.85**	NA	NA	0.29 U	NA	NA	0.28 U	NA	NA	NA	0.063 U	NA	NA	NA	NA	0.32 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**1.9**	**0.442**	**1.83**	NA	NA	**23**	NA	NA	**3**	NA	NA	**8**	NA	NA	NA	**4.6**	NA	NA	NA	NA	**7**	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**1.1**	NA	NA	0.29 U	NA	NA	**0.88**	NA	NA	NA	0.32	NA	NA	NA	NA	0.32 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.20 U	**0.85**	0.193 U	0.966 U	NA	NA	**2.4**	NA	NA	**0.44**	NA	NA	**1**	NA	NA	NA	1.2	NA	NA	NA	NA	0.32 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**0.53**	NA	NA	0.29 U	NA	NA	**0.57**	NA	NA	NA	**0.083**	NA	NA	NA	NA	0.32 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.20 U	0.40 U	0.193 U	0.966 U	NA	NA	**0.68**	NA	NA	0.29 U	NA	NA	0.28 U	NA	NA	NA	**0.16**	NA	NA	NA	NA	**0.43**	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.20 U	**1.1**	**0.498**	1.58	NA	NA	**19**	NA	NA	**2.2**	NA	NA	**12**	NA	NA	NA	**3.5**	NA	NA	NA	NA	**2.3**	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.20 U	**2.0**	**0.424**	**1.52**	NA	NA	**17**	NA	NA	**2.9**	NA	NA	**8.1**	NA	NA	NA	**4.2**	NA	NA	NA	NA	**6.8**	NA
PCBs																														
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.226 U	0.125 U	0.0565 U	0.0597 U	0.123 U	0.058 U	NA	0.057 U	0.056 U	NA	0.057 U	0.055 U	NA	0.055 U	NA	0.057 U	0.06 U	NA	0.058 U	0.061 U	NA	0.069 U	NA	0.065 U
	Aroclor 1254	2	2	3	3	2	1	**5.14 J**	**1.49 J**	**1.18 J**	**1.01 J**	**1.92 J**	**1.34**	NA	**0.804**	**0.452**	NA	**1.88**	**0.167**	NA	**0.308**	0.057 U	**0.955**	NA	**1.273**	**0.549**	NA	**1.64**	NA	**3.92**
	Aroclor 1260	2	2	3	3	2	1	**0.226 U**	0.125 U	**0.0565 U**	**0.0597 U**	**0.123 U**	**0.058 U**	NA	0.057 U	0.056 U	NA	**0.057 U**	0.055 U	NA	0.055 U	0.057 U	0.06 U	NA	0.058 U	0.061 U	NA	0.069 U	NA	**0.065 U**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	0.058 U	NA	0.057 U	**0.127**	NA	0.057 U	0.055 U	NA	**0.138**	0.057 U	**0.241**	NA	**0.43**	0.061 U	NA	0.069 U	NA	**0.678**
	Total PCBs	2	2	3	3	2	1	**5.14 J**	**1.49 J**	**1.18 J**	**1.01 J**	**1.92 J**	**1.34**	NA	**0.804**	0.579	NA	**1.88**	0.167	NA	**0.446**	0.115 U	**1.196**	NA	**1.703**	0.549	NA	**1.64**	NA	**4.598**
Metals																														
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	**0.369**	NA	NA	**0.286**	NA	NA	NA	**0.398**	NA	NA	**0.814**	NA	**0.913**	NA
	Arsenic	20	20	20	20	20	N/A	**3.1**	**100**	**5.45**	**7.83**	NA	NA	**3.48**	NA	NA	**4.4**	NA	NA	**2.15**	NA	NA	NA	**9.71**	NA	NA	**4.32**	NA	**30**	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**36**	**600**	**59**	**307**	NA	NA	**167**	NA	NA	**210**	NA	NA	**71**	NA	NA	NA	**1,590**	NA	NA	**337**	NA	**4,000**	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	**4.9**	**0.56**	**1.84**	NA	NA	**1.08**	NA	NA	**2.21**	NA	NA	**1.19**	NA	NA	NA	**5.96**	NA	NA	**4.7**	NA	**9.68**	NA
	Chromium	30	30	200	200	30	N/A	**8.4**	**47**	**12.8**	**20.9**	NA	NA	**7.23**	NA	NA	**15**	NA	NA	**5.22**	NA	NA	NA	**345**	NA	NA	**53**	NA	**272**	NA
	Lead	300	300	300	300	300	N/A	**20**	**1,000**	**93.4**	**759**	NA	NA	**216**	NA	NA	**360**	NA	NA	**533**	NA	NA	NA	**1,120**	NA	NA	**421**	NA	**5,230**	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	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	0.11 U	NA	NA	0.11 U	NA	NA	0.11 U	NA	NA	NA	0.82 U	NA	NA	0.64 U	NA	0.84 U	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	**0.16**	NA	NA	**0.17**	NA	NA	**0.15**	NA	NA	NA	**0.65**	NA	NA	**0.32**	NA	**1.68**	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	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	NA	NA	NA	NA	NA	NA	NA	NA
GRO																														
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																														
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2,760**	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	20 U	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	**300**	NA	NA	**800**	NA	NA	**400**	NA	NA	NA	**2,460**	NA	NA	**400**	NA	**13,200**	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
NA - 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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HB-23B		HB-23C		HB-23F	HB-23G		HB-23H		HB-23I		HB-23K	HB-23L	HB-23M	HB-23N		HB23+HB27 MSB	HB23+HD23	HB31+HB32	HB32	HB33	HB33+HB36	HB36
		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	1-3	1-3	0.75-3	0.75-3	0.5-3	0.5-3	0.2-3	0.2-3	0.5-3
		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	4/9/2009	4/9/2009	4/9/2009 Field Dup	12/30/2004	12/29/2004	12/30/2004	12/30/2004	12/30/2004	12/30/2004	12/30/2004
		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPH																														
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																														
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.81 U	**0.24 B**	NA	NA	**0.39 B**	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.81 U	**0.12 J**	NA	NA	**0.14 J**	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	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	NA	NA	NA	0.27 U	**0.076**	NA	NA	**0.1**	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	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	NA	NA	NA	0.27 U	**0.26**	NA	NA	**0.32**	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	NA	NA	NA	**0.41**	**0.95**	NA	NA	**0.95**	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	NA	NA	NA	0.27 U	**0.9**	NA	NA	**0.93**	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	NA	NA	NA	0.27 U	**1.7**	NA	NA	1.5	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	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	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	NA	NA	NA	0.27 U	**0.47**	NA	NA	**0.42**	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.35**	**0.77**	NA	NA	**0.81**	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	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	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	NA	NA	NA	**0.95**	**1.8**	NA	NA	1.9	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	NA	NA	NA	0.27 U	0.06 U	NA	NA	**0.11**	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	NA	NA	NA	0.27 U	0.06 U	NA	NA	**0.3**	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	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 U	0.06 U	NA	NA	0.058 U	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	NA	NA	NA	**0.3**	**1.2**	NA	NA	**1.3**	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	NA	NA	NA	**0.74**	**2.3**	NA	NA	**2.1**	NA
PCBs																														
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.0596 U	0.0585 U	0.0597 U	0.306 U	NA	0.0570 U	0.282 U	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.059 U	0.056 U	NA	0.058 U
	Aroclor 1254	2	2	3	3	2	1	**0.786 J**	**0.915 J**	**1.41 J**	**4.74 J**	NA	**0.943 J**	**4.94 J**	**2.53 J**	**0.0843 J**	**4.70 J**	**0.517 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.532**	**1.23**	NA	**0.352**
	Aroclor 1260	2	2	3	3	2	1	0.0596 U	0.0585 U	0.0597 U	0.306 U	NA	0.0570 UJ	0.282 UJ	0.118 U	0.0631 U	0.230 U	0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.059 U	0.056 U	NA	0.058 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.219**	**0.178**	NA	0.058 U
	Total PCBs	2	2	3	3	2	1	**0.786 J**	**0.915**	**1.41 J**	**4.74 J**	NA	**0.943 J**	**4.94 J**	**2.53 J**	**0.0843 J**	**4.70 J**	**0.517 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.751**	**1.408**	NA	**0.352**
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	NA	NA	**2.33**	**0.166**	**0.228**	NA	NA	**0.205**	NA
	Arsenic	20	20	20	20	20	N/A	**3.11**	**7.30**	3.10 U	**18.1**	NA	2.90 U	**6.77**	**3.42**	**17.7**	**7.29**	**10.6**	NA	NA	NA	NA	NA	NA	**91**	**2.59**	6.99	NA	NA	**3.35**	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**58.1**	**236**	**53.2**	**1,020**	612	**55.1**	**297**	**343**	**269**	**311**	**1,210**	NA	NA	NA	NA	NA	NA	**875**	**209**	282	NA	NA	**132**	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.37**	1.14	0.31 U	**3.86**	**2.20**	0.29 U	1.28	**0.61**	**3.31**	**1.03**	**4.06**	NA	NA	NA	NA	NA	NA	**82**	**1.95**	**2.03**	NA	NA	**1.83**	NA
	Chromium	30	30	200	200	30	N/A	**8.95**	**14.7**	**8.13**	**60.2**	**47.0**	**15.4**	**29.7**	**26.9**	**36.8**	**36.7**	**35.2**	NA	NA	NA	NA	NA	NA	**143**	**21**	**17**	NA	NA	**9.07**	NA
	Lead	300	300	300	300	300	N/A	**48.5**	**169**	**42.9**	**1,460**	**893**	**88.4**	**423**	**220**	**548**	**293**	**3,630**	**59.4**	**2,400**	**9.97**	**110**	**121**	**985**	**183**	**376**	NA	NA	**219**	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	**75**	0.57 U	0.75 U	NA	NA	0.76 U	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**75**	0.29 U	**0.53**	NA	NA	0.38 U	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO																														
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																														
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**440**	**180**	NA	NA	**370**	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, HETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: HB37	HB37+HB38	HB38	HB39	HB-39		HB-39A		HB-39C		HB-39D		HB39+HB40	HB40	HB-40	
								Sample Depth (ft.): 0.5-3	0.2-3	0.2-3	0.5-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0.5-3	0.5-3	0-1	1-3
								Sample Date: 12/30/2004	12/30/2004	12/30/2004	12/30/2004	5/20/2009	5/20/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	6/16/2009	12/30/2004	12/30/2004	5/20/2009	5/20/2009
VOCs																							
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	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	NA	NA
EPH																							
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																							
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	0.055 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.06 U	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	**0.13 JB**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.13 JB**	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	0.16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18 U	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	0.055 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.1**	NA	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	**0.14**	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**0.17**	NA	0.41 U	0.38 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	**0.074**	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**0.86**	NA	0.41 U	0.38 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.57**	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**0.82**	NA	0.41 U	**0.70**
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	**1.5**	NA	NA	**0.60**	**0.69**	NA	NA	NA	NA	NA	NA	**3.5**	NA	0.41 U	**2.7**
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	**1.4**	NA	NA	**0.57**	**0.68**	NA	NA	NA	NA	NA	NA	**3.5**	NA	0.41 U	**2.8**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	**2**	NA	NA	**0.68**	**0.83**	NA	NA	NA	NA	NA	NA	**5.3**	NA	0.41 U	**3.2**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.57**	NA	NA	**0.41**	0.42 U	NA	NA	NA	NA	NA	NA	**1.4**	NA	0.41 U	**1.9**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	**0.64**	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**1.4**	NA	0.41 U	**1.2**
	Chrysene	70	70	400	400	70	N/A	NA	**1.3**	NA	NA	**0.68**	**0.76**	NA	NA	NA	NA	NA	NA	**3.2**	NA	0.41 U	**3.1**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	0.055 U	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	0.06 U	NA	0.41 U	**0.42**
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**2.6**	NA	NA	**1.0**	**1.1**	NA	NA	NA	NA	NA	NA	**5.2**	NA	**0.50**	**3.9**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**0.16**	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**0.12**	NA	0.41 U	0.38 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	**0.59**	NA	NA	**0.46**	**0.44**	NA	NA	NA	NA	NA	NA	**1.5**	NA	0.41 U	**2.2**
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	0.055 U	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**0.14**	NA	0.41 U	0.38 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	0.055 U	NA	NA	0.39 U	0.42 U	NA	NA	NA	NA	NA	NA	**0.13**	NA	0.41 U	0.38 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	1.6	NA	NA	**0.88**	**0.76**	NA	NA	NA	NA	NA	NA	**2.9**	NA	0.41 U	**3.8**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	**6.3**	NA	NA	**1.3**	**1.5**	NA	NA	**NA**	NA	NA	NA	**4.8**	NA	**0.56**	**5.2**
PCBs																							
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	1.11 U	NA	0.053 U	0.065 U	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	NA	0.056 U	0.0583 U	0.0559 U
	Aroclor 1254	2	2	3	3	2	1	1.11 U	NA	**0.152**	**0.365**	**0.119 J**	**2.89 J**	NA	NA	NA	NA	NA	NA	NA	**0.521**	**0.151 J**	**0.790 J**
	Aroclor 1260	2	2	3	3	2	1	1.11 U	NA	0.053 U	0.065 U	0.0577 U	0.120 U	NA	NA	NA	NA	NA	NA	NA	0.056 U	0.0583 U	**0.281 J**
	Aroclor 1262	2	2	3	3	2	1	1.11 U	NA	0.053 U	**0.08**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.172**	NA	NA
	Total PCBs	2	2	3	3	2	1	2.22 U	NA	**0.152**	**0.445**	**0.119 J**	**2.89 J**	NA	NA	NA	NA	NA	NA	NA	**0.693**	**0.151 J**	**1.071 J**
Metals																							
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	**0.065 U**	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	NA	**1.25**	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	**3.8**	NA	NA	**3.0**	**7.4**	**4.1**	**10**	**9.6**	**13**	**7.3**	**19**	**5.32**	NA	3.0 U	**8.5**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	**52**	NA	NA	**61**	**370**	**82**	**230**	**120**	**270**	**300**	**390**	**229**	NA	**31**	**280**
	Beryllium	100	100	200	200	100	N/A	NA	**NA**	NA	NA	**NA**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	**1.04**	NA	NA	**0.41**	**1.0**	**0.66**	**1.1**	**1.7**	**1.0**	**1.8**	**0.85**	**6.13**	NA	**0.35**	**1.9**
	Chromium	30	30	200	200	30	N/A	NA	**11**	NA	NA	**9.3**	**18**	**11**	**20**	**21**	**15**	**17**	**9.4**	**13**	NA	**7.9**	**29**
	Lead	300	300	300	300	300	N/A	NA	**68**	NA	NA	**150**	**520**	**200**	**350**	**380**	**300**	**540**	**260**	**1,430**	NA	**67**	**890**
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	0.69 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.67 U	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	0.35 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.34**	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	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	NA
GRO																							
(mg/kg)	Gasoline Range Organics	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	NA	NA
Metals, TCLP																							
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	**NS**	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	NA	NA	NA	**4,950**	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
U - Compound was not detected at specified quantitation limit.
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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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc..
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HB-40A			HB-40C		HB-40D		HB-40E	HB-40G	HB-40H	HB-40I	HB-40K	HB-40M	HB-40O	HB-40Q	HB-40S	HB41+HB42	HB42	HB43	HB43+HB44	HB44	HC12	HC13
		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	1-3	1-3	0.2-3	0.2-3	1.5-3	0.5-3	0.5-3	2-3	1.5-3
		Sample Date:						6/16/2009	6/16/2009	6/16/2009 Field Dup	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	7/7/2009	7/7/2009	12/30/2004	12/30/2004	12/30/2004	12/30/2004	12/30/2004	12/29/2004	12/29/2004
		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPH																														
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																														
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.058 U	NA	NA	0.057 U	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.32 B**	NA	NA	0.17 U	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.1 J**	NA	NA	**0.14 J**	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.058 U	NA	NA	0.057 U	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	NA	NA	0.058 U	NA	NA	**0.065**	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	NA	NA	**0.13**	NA	NA	**0.13**	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	NA	NA	**0.18**	NA	NA	**0.27**	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	NA	NA	**0.71**	NA	NA	1.1	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	NA	NA	**0.81**	NA	NA	1	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	NA	NA	**1.2**	NA	NA	**1.6**	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	NA	NA	**0.27**	NA	NA	**0.45**	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	NA	NA	**0.34**	NA	NA	**0.53**	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	NA	NA	**0.67**	NA	NA	1	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	NA	NA	0.058 U	NA	NA	0.057 U	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	NA	NA	**1.4**	NA	NA	0.057 U	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	NA	NA	0.058 U	NA	NA	**0.1**	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	NA	NA	**0.31**	NA	NA	**0.49**	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	NA	NA	0.058 U	NA	NA	0.057 U	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	NA	NA	0.058 U	NA	NA	0.057 U	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	NA	NA	**0.85**	NA	NA	**1.6**	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	NA	NA	**1.4**	NA	NA	**3.9**	NA	NA	NA
PCBs																														
(mg/kg)	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	NA	NA	NA	0.054 U	0.055 U	NA	0.059 U	0.063 U	0.057 U
	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	NA	NA	NA	0.411	**0.326**	NA	**0.443**	**4.0**	**0.538**
	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	NA	NA	NA	0.054 U	0.055 U	NA	0.059 U	0.063 U	0.057 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.065	0.055 U	NA	**0.074**	**0.953**	**0.225**
	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	NA	NA	NA	**0.476**	**0.326**	NA	**0.517**	**4.953**	**0.763**
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	NA	**0.799**	NA	NA	**0.547**	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	NA	NA	12	NA	NA	**2.72**	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	NA	NA	123	NA	NA	46	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	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	NA	NA	**2.5**	NA	NA	**1.12**	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	NA	NA	**8.51**	NA	NA	**6.57**	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**	**1,000**	**1,800**	**304**	NA	NA	**176**	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	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	NA	0.68 U	NA	NA	0.59 U	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	NA	0.34 U	NA	NA	0.3 U	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	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	NA	NA	NA	NA	NA	NA	NA	NA
GRO																														
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																														
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**450**	NA	NA	**190**	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - MassDEP Method 1 standards and RC for C9-C10 aromatics used.
(2) - MassDEP RC for Dichloropropene used.
(3) - MassDEP RC for Dichloropropene used.
(4) - MassDEP RC for 1,3-Dichloropropene used.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HC13+HC12+ HD12	HC14	HC15	HC16	HC16+HC15+ HC14	HC22		HC-22		HC-22A			HC-22B		HC-22C		HC-22D		HC-22E	HC-22F	HC-22H	HC23	HD10
		Sample Depth (ft.):						1-3	2.5-3	2-3	1.5-3	1.5-3	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	1-3	1-3	1-3	1-3
		Sample Date:						12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	4/9/2009	4/9/2009	5/21/2009	5/21/2009	5/21/2009 Field Dup	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	12/29/2004	12/28/2004
		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPH																														
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																														
(mg/kg)	**Dimethyl phthalate**	50	600	50	600	30	N/A	0.33 U	NA	NA	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	1 U	NA	NA	NA	1.9 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	1 U	NA	NA	NA	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	0.33 U	NA	NA	NA	1.2	NA	NA	NA	NA	NA	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	0.33 U	NA	NA	NA	1.8	NA	NA	0.204 U	0.272	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	2.6	NA	NA	NA	2.3	NA	NA	0.204 U	0.205 U	NA	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	0.33 U	NA	NA	NA	6.8	NA	NA	0.204 U	0.615	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	2.7	NA	NA	NA	31	NA	NA	0.204 U	1.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	8.1	NA	NA	NA	30	NA	NA	0.204 U	1.53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	7.8	NA	NA	NA	42	NA	NA	0.204 U	2.06	NA	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	1.5	NA	NA	NA	13	NA	NA	0.204 U	0.730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	3.3	NA	NA	NA	14	NA	NA	0.204 U	0.819	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	1.9	NA	NA	NA	26	NA	NA	0.204 U	1.74	NA	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	0.33 U	NA	NA	NA	0.6 U	NA	NA	0.204 U	0.205 U	NA	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	3	NA	NA	NA	56	NA	NA	0.306	2.68	NA	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	0.33 U	NA	NA	NA	2.3	NA	NA	0.204 U	0.267	NA	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	3.1	NA	NA	NA	14	NA	NA	0.204 U	0.876	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	0.33 U	NA	NA	NA	0.6 U	NA	NA	0.204 U	0.205 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.33 U	NA	NA	NA	1	NA	NA	0.204 U	0.218	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.69	NA	NA	NA	30	NA	NA	0.211	2.76	NA	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	2.8	NA	NA	NA	64	NA	NA	0.328	2.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																														
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	NA	0.056 U	0.075 U	0.06 U	NA	0.066 U	0.07 U	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	NA	NA	0.055 U	1.11 U
	Aroclor 1254	2	2	3	3	2	1	NA	0.36	6.94	0.387	NA	0.44	0.07 U	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	NA	NA	6.14	1.11 U
	Aroclor 1260	2	2	3	3	2	1	NA	0.056 U	0.075 U	0.06 U	NA	0.066 U	0.07 U	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	NA	NA	0.055 U	1.11 U
	Aroclor 1262	2	2	3	3	2	1	NA	0.056 U	4.1	0.06 U	NA	0.066 U	0.07 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.402	1.11 U
	Total PCBs	2	2	3	3	2	1	NA	0.36	11.04	0.387	NA	0.44	0.14 U	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	NA	NA	6.542	2.22 U
Metals																														
(mg/kg)	Mercury	20	20	30	30	20	N/A	1.09	NA	NA	NA	1.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	8.87	NA	NA	NA	46	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	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	854	NA	NA	NA	15,400	NA	NA	41.4	626	31	620	560	39	490	38	440	60	840	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	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	6.27	NA	NA	NA	22	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	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	231	NA	NA	NA	1,430	NA	NA	7.99	28.3	6.4	40	31	6.8	25	7.5	11	20	27	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	1,110	NA	NA	NA	2,650	NA	NA	38.9	1,090	29	520	640	36	1,900	44	210	65	580	41	2,100	460	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	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	0.9 U	NA	NA	NA	0.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Silver	100	100	200	200	100	N/A	1.7	NA	NA	NA	1.2	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	NA
GRO																														
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																														
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(5)	NA	NA	NA	NA	275,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000(5)	NA	NA	NA	NA	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(5)	20 U	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(5)	510	NA	NA	NA	550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	HD12		HD13	HD13+HD14+ HD15	HD14	HD-14A		HD-14B			HD-14C		HD-14D		HD15	HD22+HC22+ HB22	HE10	HE-10B			HE-10C	
		Sample Depth (ft.):							1-3	1-3	1-3	1.5-3	2-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3	0-1	1-3	1.5-3	1-3	1.5-3	0-1	1-3	1-3	0-1	1-3
		Sample Date:							12/29/2004	12/29/2004 Field Dup	12/29/2004	12/29/2004	12/29/2004	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009 Field Dup	3/10/2009	3/10/2009	3/10/2009	3/10/2009	12/29/2004	12/29/2004	12/28/2004	4/3/2009	4/3/2009	4/3/2009 Field Dup	4/3/2009	4/3/2009
VOCs																															
(mg/kg)	Acetone		50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPH																															
(mg/kg)	Dibenzo(a,h)anthracene		0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics		3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																															
(mg/kg)	Dimethyl phthalate		50	600	50	600	30	N/A	NA	NA	NA	**0.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate		NS	NS	NS	NS	50	N/A	NA	NA	NA	**0.74** JB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.87 U	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate		200	200	700	700	200	N/A	NA	NA	NA	**21**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.87 U	NA	NA	NA	NA	NA	NA
	Dibenzofuran		10*	10*	NS	NS	100	N/A	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	NA	NA	NA	NA	NA
	Acenaphthene		1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.42**	NA	0.197 U	**0.389**	**0.464**	0.197 U	0.206 U
	Acenaphthylene		600	10	600	10	1	N/A	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	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	NA	NA	NA	**0.69**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	NA	0.197 U	**0.732**	**1.01**	0.197 U	**0.255**
	Benzo(a)anthracene		7	7	40	40	7	N/A	NA	NA	NA	**2.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.5**	NA	0.197 U	**2.51**	**3.49**	0.197 U	**0.786**
	Benzo(a)pyrene		2	2	4	4	2	N/A	NA	NA	NA	**2.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.5**	NA	0.197 U	**2.35**	**3.19**	0.197 U	**0.741**
	Benzo(b)fluoranthene		7	7	40	40	7	N/A	NA	NA	NA	**3.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**6.1**	NA	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	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.2**	NA	0.197 U	**0.964**	**1.33**	0.197 U	**0.344**
	Benzo(k)fluoranthene		70	70	400	400	70	N/A	NA	NA	NA	**0.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA	0.197 U	**1.24**	**1.83**	0.197 U	**0.382**
	Chrysene		70	70	400	400	70	N/A	NA	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.8**	NA	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	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	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	NA	NA	NA	**4.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**9.4**	NA	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	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.42**	NA	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	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.7**	NA	0.197 U	**1.35**	**1.80**	0.197 U	**0.410**
	2-Methylnaphthalene		80	300	80	500	0.7	N/A	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	0.197 U	0.213 U	0.240 U	0.197 U	0.206 U
	Naphthalene		40	500	40	1,000	4	N/A	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 U	NA	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	NA	NA	NA	**2.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.3**	NA	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	NA	NA	NA	**4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8**	NA	0.197 U	**3.04**	**4.97**	0.197 U	**1.29**
PCBs																															
(mg/kg)	Aroclor 1248		2	2	3	3	2	1	0.061 U	0.063 U	0.064 U	NA	0.062 U	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	0.056 U	NA	0.066 U	0.0576 U	0.134 U	NA	0.0561 U	0.193 U
	Aroclor 1254		2	2	3	3	2	1	**7.31**	**0.853**	**1.16**	NA	**17.3**	**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**	**2.35**	NA	**0.427**	**0.222 J**	**1.45 J**	NA	**0.0991 J**	**2.41 J**
	Aroclor 1260		2	2	3	3	2	1	0.061 U	0.063 U	0.064 U	NA	**0.062** U	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	0.056 U	NA	0.066 U	0.0576 U	**0.583 J**	NA	0.0561 U	0.193 U
	Aroclor 1262		2	2	3	3	2	1	**0.865**	**0.721**	0.064 U	NA	**0.523**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.739**	NA	**0.14**	NA	NA	NA	NA	NA
	Total PCBs		2	2	3	3	2	1	**8.175**	**1.574**	**1.16**	NA	**17.823**	**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**	**3.089**	NA	**0.567**	**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	**2.89**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.401**	NA	NA	NA	NA	NA	NA
	Arsenic		20	20	20	20	20	N/A	NA	NA	NA	**94**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**33**	NA	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	**5,850**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**899**	NA	**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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium		2	2	30	30	2	N/A	NA	NA	NA	**21**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.71**	NA	0.30 U	**3.07**	**4.56**	**0.30**	**2.30**
	Chromium		30	30	200	200	30	N/A	NA	NA	NA	**2,050**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**52**	NA	**7.99**	**33.2**	**66.4**	8.53	**72.9**
	Lead		300	300	300	300	300	N/A	NA	NA	NA	**1,460**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,020**	NA	**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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium		400	400	800	800	400	N/A	NA	NA	NA	0.81 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.61 U	NA	NA	NA	NA	NA	NA
	Silver		100	100	200	200	100	N/A	NA	NA	NA	**1.61**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.43**	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	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	NA	NA	NA	NA	NA	NA	NA	NA
GRO																															
(mg/kg)	Gasoline Range Organics		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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																															
(ug/L)	Barium		NS	NS	NS	NS	NS	100,000[5]	NA	NA	NA	**4,010**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium		NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium		NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead		NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	**420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2,920**	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
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U - Compound was not detected at specified quantitation limit.
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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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HE-10D			HE10 + HF10	HF10	HF-10B		HF-10C		HF-10D		HRA33		HRC-33	HRC-33A		HRC-33B		HRC-33C	
		Sample Depth (ft.):						0-1	1-3	1-3	1.5-3	2-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	0.67-2	0-1	1-3	0-1	1-3	0-1	1-3
		Sample Date:						4/3/2009	4/3/2009	4/3/2009 Field Dup	12/28/2004	12/28/2004	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	4/3/2009	2/22/2006	2/22/2006 Field Dup	2/22/2006	2/27/2009	2/27/2009	2/27/2009	2/27/2009	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																				
VOCs																											
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.92 U	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	**0.33**	NA	NA	NA	NA	NA	NA	NA	NA
EPH																											
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																											
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	**0.57 JB**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	0.96 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	0.32 U	NA	NA	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	0.194 U	**0.407**	NA	**0.41**	NA	0.199 U	**113**	0.198 U	0.953 U	0.191 U	0.187 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.194 U	0.223 U	NA	0.32 U	NA	0.199 U	1.68 U	0.198 U	0.953 U	0.191 U	0.187 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	1.08	NA	1.9	NA	0.199 U	**190**	0.198 U	1.83	0.191 U	**0.228**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.194 U	2.48	NA	4.4	NA	0.199 U	**167**	0.198 U	3.78	**0.393**	**0.746**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.194 U	**2.33**	NA	**3.7**	NA	0.199 U	**133**	0.198 U	**3.21**	**0.367**	**0.732**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.194 U	**3.17**	NA	**3.3**	NA	0.199 U	**183**	0.198 U	**3.68**	**0.486**	**0.967**	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	0.194 U	**0.929**	NA	**1.2**	NA	0.199 U	**58.3**	0.198 U	**2.39**	**0.190**	**0.359**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.194 U	**1.14**	NA	**3.4**	NA	0.199 U	**75.7**	0.198 U	**1.42**	0.191 U	**0.340**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.194 U	**2.53**	NA	**3.9**	NA	0.199 U	**171**	0.198 U	**3.94**	**0.390**	**0.800**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	0.194 U	0.223 U	NA	0.32 U	NA	0.199 U	**17.2**	0.198 U	0.953 U	0.191 U	0.187 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**4.97**	NA	11	NA	**0.257**	**443**	0.198 U	**7.20**	**0.626**	1.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**0.455**	NA	0.32 U	NA	0.199 U	**121**	0.198 U	**1.22**	0.191 U	0.187 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.194 U	**1.19**	NA	**1.3**	NA	0.199 U	56.9	0.198 U	**2.93**	**0.240**	**0.425**	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	0.32 U	NA	0.199 U	**47.8**	0.198 U	0.953 U	0.191 U	0.187 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.194 U	0.223 U	NA	0.32 U	NA	0.199 U	**76.0**	0.198 U	0.953 U	0.191 U	0.187 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.194 U	**4.80**	NA	**4.7**	NA	**0.203**	**710**	0.198 U	**9.65**	**0.548**	**1.19**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.194 U	**3.84**	NA	**7.3**	NA	**0.386**	**280**	0.198 U	**7.71**	**0.598**	**1.13**	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																											
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.0577 U	0.0661 U	0.140 U	NA	0.062 U	0.0587 U	**8.28 J**	0.0579 U	0.167 U	0.0574 U	0.168 U	0.12 U	0.12 U	0.029 U	0.120 U	0.566 U	0.0616 U	0.0583 U	0.126 U	0.0607 U
	Aroclor 1254	2	2	3	3	2	1	**0.136 J**	**0.473 J**	**1.42 J**	NA	**0.565**	**0.460 J**	**7.10 J**	**0.582 J**	**2.29 J**	**0.167 J**	**2.42 J**	**0.28**	**0.15**	**28**	**1.44 J**	**14.8 J**	**1.01 J**	**1.25 J**	**1.77 J**	**0.446 J**
	Aroclor 1260	2	2	3	3	2	1	0.0577 U	**0.285 J**	**0.470 J**	NA	**0.357**	**0.147 J**	**2.58 J**	**0.213 J**	**0.167 U**	0.0574 U	**1.44 J**	0.12 U	0.12 U	**12**	**0.495 J**	**4.54 J**	**0.468 J**	**0.0583 U**	**0.755 J**	0.0607 U
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	0.062 U	NA	NA	NA	NA	NA	NA	0.12 U	0.12 U	0.029 U	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	**0.136 J**	**0.758 J**	**1.89 J**	NA	**0.922**	**0.607 J**	**17.96 J**	**0.795 J**	**2.29 J**	**0.167 J**	**3.86 J**	**0.28**	**0.15**	**40**	**1.935 J**	**19.34 J**	**1.478 J**	**1.25 J**	**2.525 J**	**0.446 J**
Metals																											
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	**0.757**	NA	NA	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	**21**	NA	**3.66**	**19.3**	2.97 U	**5.69**	**4.13**	**7.18**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**26.3**	**1,720**	NA	**8,190**	NA	**371**	**1,310**	**35.4**	**741**	**462**	**432**	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	NA	NA	NA	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	**0.29**	**10.6**	NA	**12**	NA	**0.71**	**29.3**	**0.33**	**3.49**	**0.73**	**1.08**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**7.11**	**82.5**	NA	**827**	NA	**25.7**	**119**	**8.36**	**65.3**	**29.8**	**30.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**20.9**	**1,270**	NA	**8,300**	NA	**118**	**16,100**	**38.0**	**692**	**132**	**1,020**	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	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	0.79 U	NA	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	**33**	NA	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	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	NA	NA	NA	NA	NA
GRO																											
(mg/kg)	Gasoline Range Organics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**12.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																											
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[5]	NA	NA	NA	**4,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	**9,420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - MassDEP Method 1 standards and RC for C9-C10 aromatics used.
(2) - MassDEP RC for Dichloropropene used.
(3) - MassDEP RC for Dichloropropene used.
(4) - MassDEP RC for 1,3-Dichloropropene used.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	HRC-33D 0-1 2/27/2009	HRC-33D 1-3 2/27/2009	HRC-33D 1-3 2/27/2009 Field Dup	HRC-33E 0-1 2/27/2009	HRC-33E 1-3 2/27/2009	HRC-33F 0-1 2/27/2009	HRC-33F 1-3 2/27/2009	HRC-33I 1-3 3/24/2009	HRC-33J 1-3 3/24/2009	HRC-33L 0-1 4/3/2009	HRC-33L 1-3 4/3/2009	HRC-33M 0-1 4/3/2009	HRC-33M 1-3 4/3/2009	HRC-33N 0-1 4/3/2009	HRC-33N 1-3 4/3/2009	HRE33 0.5-3 2/22/2006	HRG-33 1-3 2/22/2006	HRK-33A 1-3 4/2/2009	HRM-23 2-3 2/21/2006	HRM-23 1-3 4/7/2009	HRM-25 1.5-3 2/21/2006
VOCs																												
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.45**
EPH																												
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																												
(mg/kg)	Dimethyl plthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	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	0.213 U	0.207 U	0.207 U	**0.633**	0.207 U	2.03 U	NA	NA	0.212 U	NA	0.219 U	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	**0.243**	0.207 U	0.208 U	0.207 U	2.03 U	NA	NA	0.212 U	NA	0.219 U	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	**0.828**	**0.366**	**0.939**	0.207 U	2.03 U	NA	NA	**0.257**	NA	0.219 U	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.315**	**2.21**	1.48	**2.52**	**0.326**	**3.90**	NA	NA	**1.00**	NA	**0.771**	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.323**	**2.04**	1.48	**2.39**	**0.346**	**3.25**	NA	NA	**1.21**	NA	**0.830**	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.370**	2.66	1.80	**3.04**	**0.366**	4.02	NA	NA	**1.55**	NA	**0.887**	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	0.213 U	**0.797**	**0.735**	**1.11**	**0.286**	2.03 U	NA	NA	**0.634**	NA	**0.501**	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	**0.975**	**0.655**	**1.09**	0.207 U	2.03 U	NA	NA	**0.608**	NA	**0.363**	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.338**	**2.24**	1.66	**2.90**	**0.355**	**4.22**	NA	NA	**1.20**	NA	**0.797**	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	**0.228**	0.211	**0.301**	0.207 U	2.03 U	NA	NA	0.212 U	NA	0.219 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.463**	**3.83**	**2.03**	**6.21**	**0.522**	**6.33**	NA	NA	**2.57**	NA	**1.01**	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	**0.317**	0.207 U	**0.736**	0.207 U	2.03 U	NA	NA	0.212 U	NA	0.219 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.225**	**1.05**	**0.877**	**1.43**	**0.290**	**2.13**	NA	NA	**0.739**	NA	**0.656**	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	0.207 U	0.207 U	**0.477**	0.207 U	2.03 U	NA	NA	0.212 U	NA	0.219 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213 U	0.207 U	0.207 U	**0.932**	0.207 U	2.03 U	NA	NA	0.212 U	NA	0.219 U	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.315**	4.16	**2.02**	**6.51**	**0.297**	**8.01**	NA	NA	**1.42**	NA	**0.687**	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.619**	**4.10**	**2.63**	**3.97**	**0.715**	**7.44**	NA	NA	**1.87**	NA	**1.36**	NA
PCBs																												
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	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	NA	NA	NA	NA	NA	NA	0.11 U	0.03 U	0.0607 U	0.035 U	0.0557 U	0.034 U
	Aroclor 1254	2	2	3	3	2	1	**0.730 J**	**2.87 J**	**0.245 J**	**0.141 J**	**12.3 J**	**0.691 J**	**1.19 J**	**3.20 J**	**1.60 J**	NA	NA	NA	NA	NA	NA	0.11 U	**0.29**	**0.148 J**	0.035 U	0.0557 U	**0.062**
	Aroclor 1260	2	2	3	3	2	1	**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**	NA	NA	NA	NA	NA	NA	0.11 U	**0.24**	0.0607 U	0.035 U	0.0557 U	**0.057**
	Aroclor 1262	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11 U	0.03 U	NA	0.035 U	NA	0.034 U
	Total PCBs	2	2	3	3	2	1	**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**	NA	NA	NA	NA	NA	NA	0.22 U	**0.53**	**0.148 J**	0.035 U	0.0557 U	**0.119**
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	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4.74**	**11.0**	**5.19**	**5.40**	**4.24**	**10.1**	NA	NA	**65.2**	NA	**7.13**	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**111**	**229**	**209**	**122**	**120**	**349**	NA	NA	**984**	NA	**255**	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	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	NA	NA	**0.74**	**1.97**	**4.08**	**1.61**	**0.80**	**11.3**	NA	NA	**1.85**	NA	**0.46**	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**9.88**	**15.8**	**14.6**	**14.2**	**11.1**	**28.3**	NA	NA	**17.90**	NA	**8.80**	NA
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**322**	**979**	**834**	**780**	**517**	**10,000**	NA	NA	**1,150**	NA	**214**	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	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	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	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	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	NA	NA	NA	NA	NA	NA
GRO																												
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	3.6 U
Metals, TCLP																												
(ug/L)	**Barium**	NS	NS	NS	NS	NS	100,000[3]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
NA - Sample not analyzed for the listed analyte.
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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 or TCLP standard, as applicable.
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VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
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(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						HRN26		HRN-26	HRN28	HRO-30		HRO-30	HRP.5-33	HRP31	HS-1	HS-3	HS-4	HS-8	SB-01	
		Sample Depth (ft.):						0.5-3	0.5-3	1-3	1.5-3	1.5-3	2-3	1-3	1.5-3	1.5-3	0-0.5	0-0.5	0-0.5	0-0.5	1	3
		Sample Date:						2/22/2006	2/22/2006 Field Dup	4/7/2009	2/22/2006	2/22/2006	2/22/2006	4/7/2009	2/22/2006	2/22/2006	9/9/2004	9/9/2004	9/9/2004	9/9/2004	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															
VOCs																						
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	0.37 U	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	0.075 U	NA	NA	NA	NA	NA	NA	NA
EPH																						
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																						
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	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	0.212 U	NA	NA	NA	1.27	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.212 U	NA	NA	NA	0.378 U	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.405	NA	NA	NA	4.12	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.958	NA	NA	NA	10.3	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.816	NA	NA	NA	8.37	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.916	NA	NA	NA	8.97	NA	NA	NA	NA	NA	NA	0.20	0.18 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.623	NA	NA	NA	2.68	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.345	NA	NA	NA	3.53	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	1.09	NA	NA	NA	10.4	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	1	N/A	NA	NA	0.212 U	NA	NA	NA	0.378 U	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	1.60	NA	NA	NA	17.0	NA	NA	NA	NA	NA	NA	0.23	0.18 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.212 U	NA	NA	NA	1.98	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.755	NA	NA	NA	3.41	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.212 U	NA	NA	NA	1.27	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.212 U	NA	NA	NA	0.621	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	1.96	NA	NA	NA	22.2	NA	NA	NA	NA	NA	NA	0.18 U	0.18 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	2.11	NA	NA	NA	26.7	NA	NA	NA	NA	NA	NA	0.27	0.18 U
PCBs																						
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.12 U	0.13 U	0.0617 U	0.13 U	0.027 U	0.12 U	0.0605 U	0.12 U	0.13 U	0.111 U	0.11 U	0.11 U	0.12 U	0.0520 U	0.0523 U
	Aroclor 1254	2	2	3	3	2	1	0.12 U	0.13 U	0.0617 U	0.13 U	0.098	0.12 U	0.0605 U	0.12 U	0.13 U	0.141	0.11 U	0.162	0.12 U	0.0520 U	0.0523 U
	Aroclor 1260	2	2	3	3	2	1	0.23	0.22	0.128 J	0.13 U	0.11	0.12 U	0.0605 U	0.12 U	0.13 U	0.111 U	0.11 U	0.11 U	0.12 U	0.0520 U	0.0523 U
	Aroclor 1262	2	2	3	3	2	1	0.12 U	0.13 U	NA	0.13 U	0.027 U	0.12 U	NA	0.12 U	0.13 U	0.111 U	0.11 U	0.11 U	0.12 U	NA	NA
	Total PCBs	2	2	3	3	2	1	0.23	0.22	0.128 J	0.27 U	0.208	0.23 U	0.0605 U	0.24 U	0.26 U	0.141	0.22 U	0.162	0.24 U	0.0520 U	0.0523 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	0.014	0.013 U
	Arsenic	20	20	20	20	20	N/A	NA	NA	10.8	NA	NA	NA	8.37	NA	NA	NA	NA	NA	NA	2.63 U	2.60 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	581	NA	NA	NA	122	NA	NA	NA	NA	NA	NA	11.0	9.31
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27	0.26 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	0.46	NA	NA	NA	0.89	NA	NA	NA	NA	NA	NA	0.27 U	0.26 U
	Chromium	30	30	200	200	30	N/A	NA	NA	15.1	NA	NA	NA	9.50	NA	NA	NA	NA	NA	NA	3.85	3.09
	Lead	300	300	300	300	300	N/A	NA	NA	587	NA	NA	NA	189	NA	NA	NA	NA	NA	NA	35.1	11.1
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.84	3.23
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.25 U	5.20 U
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.53 U	0.52 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.32	5.20 U
	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	23.1	15.2
GRO																						
(mg/kg)	Gasoline Range Organics	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	3.7 U	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																						
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
▨ - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-02		SB-03		SB-04			SB-05		SB-270			SB-270A		SB-270B		SB-270D		SB-270E		SB-270F	
		Sample Depth (ft.):						1	3	1	3	1	3.5	3.5	1	8	1	3	9.5	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
		Sample Date:						3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008	3/31/2008 Field Dup	3/31/2008	3/31/2008	7/16/2008	7/16/2008	7/16/2008	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																						
VOCs																													
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA
EPH																													
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																													
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	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	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	**0.282**	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	**0.320**	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	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	NA	**0.360**	0.213 U	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	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	NA	**0.433**	0.425 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	**0.362**	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.418 U	0.425 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Fluoranthene	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	NA	**0.474**	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.418 U	0.425 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	0.209 U	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	NA	**0.375**	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pyrene	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	NA	**0.619**	0.213 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																													
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	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	0.0500 U	0.0567 U	0.0596 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1254	2	2	3	3	2	1	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	**0.396 J**	0.0567 U	0.0596 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Aroclor 1260	2	2	3	3	2	1	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	**0.102 J**	0.0567 U	0.0596 U	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	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	**0.498 J**	0.0567 U	0.0596 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																													
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.014**	0.014 U	0.013 U	0.010 U	**0.017**	0.014 U	0.019 U	**0.025**	0.010 U	NA	**0.236**	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	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	NA	**12.7**	**4.20**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**7.41**	**5.50**	**8.49**	**6.24**	**14.6**	**7.58**	**7.14**	**12.2**	5.24 U	NA	**256**	**17.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	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	NA	0.32 U	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	0.26 U	0.27 U	0.27 U	NA	**0.48**	0.32 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**4.11**	**3.55**	**3.38**	**2.96**	**6.30**	**2.93**	**3.42**	**7.70**	**2.75**	NA	**9.24**	**7.56**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**42.8**	**4.76**	**18.1**	**6.42**	**12.1**	**14.9**	**14.8**	**27.9**	**3.45**	NA	**602**	**4.54**	**430**	**550**	**520**	**600**	**580**	**660**	**240**	**650**	**150**	**400**
	Nickel	20	20	700	700	20	N/A	**3.48**	**3.76**	**3.38**	**3.18**	**4.93**	**3.02**	**3.39**	**5.92**	**2.16**	NA	**11.3**	**6.83**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	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	NA	6.26 U	6.37 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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	0.52 U	0.54 U	0.53 U	NA	**2.39**	**1.64**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	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	NA	**29.1**	**12.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**20.4**	**15.6**	**23.0**	**14.5**	**23.2**	**18.1**	**18.4**	**23.4**	**9.35**	NA	**154**	**22.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO																													
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																													
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
- sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	Sample Location: SB-270H	SB-270H	SB-270I	SB-270J	SB-270K	SB-270M	SB-270Q	SB-270U	SB-271			SB-272			SB-306		
		Sample Depth (ft.):						0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1	3.5	10	1	3	10	1	4	7
		Sample Date:						5/20/2009	5/20/2009	6/16/2009	6/16/2009	6/16/2009	7/6/2009	7/6/2009	7/6/2009	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/16/2008	7/23/2008	7/23/2008	7/23/2008
VOCs																								
(mg/kg)	Acetone	50	400	50	400	6.0	N/A	NA	NA	NA	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	NA	NA	NA
EPH																								
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)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	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																								
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	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	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	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	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	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	0.441 U	0.439 U	NA	0.216 U	0.202 U	NA	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	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	0.441 U	0.439 U	NA	0.216 U	0.202 U	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	0.221 U	0.220 U	NA	0.216 U	0.202 U	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	0.221 U	0.220 U	NA	0.216 U	0.202 U	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	0.441 U	0.439 U	NA	0.216 U	0.202 U	NA	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.220 U	NA	0.216 U	0.202 U	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	0.221 U	0.220 U	NA	0.216 U	0.202 U	NA	NA	NA
PCBs																								
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	0.0500 U	0.0654 U	0.0670 U	0.0500 U	0.0685 U	0.0580 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	0.0500 U	0.0654 U	0.0670 U	**0.264 J**	0.0685 U	0.0580 U	**0.107 J**	0.0656 U	0.182 UJ
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	0.0500 U	0.0654 U	0.0670 U	**0.314 J**	0.0685 U	0.0580 U	0.0500 U	0.0656 U	0.182 UJ
	Aroclor 1262	2	2	3	3	2	1	NA	NA	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	NA	0.0500 U	0.0654 U	0.0670 U	**0.578 J**	0.0685 U	0.0580 U	**0.107 J**	0.0656 U	0.182 UJ
Metals																								
(mg/kg)	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.101**	0.018 U	NA	**0.176**	0.012 U	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10.5**	**4.05**	NA	**19.0**	**3.47**	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	**194**	**9.16**	NA	**497**	6.04 U	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	0.33 U	NA	**0.52**	0.31 U	NA	NA	NA
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	0.33 U	NA	**0.39**	0.31 U	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**7.03**	**4.03**	NA	**14.6**	**3.27**	NA	NA	NA
	Lead	300	300	300	300	300	N/A	57	**710**	**860**	**240**	**750**	**610**	**930**	**330**	NA	**126**	**2.50**	NA	**247**	**2.37**	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**12.8**	**4.55**	NA	**22.0**	**4.25**	NA	NA	NA
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.62 U	6.58 U	NA	6.47 U	6.04 U	NA	NA	NA
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.44**	**1.20**	NA	**7.99**	**2.14**	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	**27.7**	**7.26**	NA	**44.2**	6.04 U	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	**54.2**	**16.6**	NA	**74.9**	**14.8**	NA	NA	NA
GRO																								
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA
Metals, TCLP																								
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000(5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(1) - MassDEP Method 1 standards and RC for C9-C10 aromatics used.
(2) - MassDEP RC for Dichloropropane used
(3) - MassDEP RC for Dichloropropene used.
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(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-10
Summary of Detected Analytical Results for Soil Samples
New Bedford High School - Tree Belts (Exposure Point Area HS-10)
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-359					SB-364				VSS-3		VSS-14		SB-LSD-1			SB-LSD-2				SB-LSD-3		
		Sample Depth (ft.):						0-1	1-3	4	8	12	0-1	1-3	6	9.5	0-0.5	1-2	0-0.5	1-2	0-1	1-3	3-4	0-1	1-3	1-3	3-4	0-1	1-3	4-5
		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	7/23/2001	7/23/2001	7/23/2001	7/23/2001	5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/12/2010 Field Dup	5/12/2010	5/12/2010	5/12/2010	5/12/2010
		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPH																														
(mg/kg)	Dibenzo(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Benzo(ghi)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	C19 - C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**76**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs / PAHs																														
(mg/kg)	Dimethyl phthalate	50	600	50	600	30	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Di-n-butylphthalate	NS	NS	NS	NS	50	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.35**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	bis(2-Ethylhexyl)phthalate	200	200	700	700	200	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.11 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dibenzofuran	10*	10*	NS	NS	100	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**4.16**	0.497 U	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**0.785**	0.497 U	NA	0.051 U	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	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.202 U	0.174 U	**16.8**	0.497 U	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**27.1**	**0.746**	NA	**0.073**	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**21.3**	**0.532**	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**23.4**	**0.866**	NA	**0.058**	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	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.202 U	0.174 U	**8.46**	0.497 U	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**10.0**	0.497 U	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chrysene	70	70	400	400	70	N/A	**0.389**	0.230 U	**0.298**	1.41 U	NA	0.202 U	0.174 U	**24.4**	**0.790**	NA	**0.054**	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	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.202 U	0.174 U	**1.61**	0.497 U	NA	0.051 U	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	**0.572**	0.230 U	**0.382**	1.41 U	NA	0.202 U	0.174 U	**46.9**	**1.57**	NA	**0.13**	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	0.204 U	0.230 U	0.241 U	1.41 U	NA	0.202 U	0.174 U	**5.09**	0.497 U	NA	0.051 U	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	0.204 U	0.230 U	**0.246**	1.41 U	NA	0.202 U	0.174 U	**11.1**	0.497 U	NA	0.051 U	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	0.202 U	0.174 U	**2.32**	0.497 U	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**3.37**	0.497 U	NA	0.051 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	0.202 U	0.174 U	**59.6**	1.18	NA	**0.12**	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	**0.543**	0.230 U	**0.366**	1.41 U	NA	0.202 U	0.174 U	**57.3**	**1.25**	NA	**0.20**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs																														
(mg/kg)	Aroclor 1248	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.100 U	0.100 U	0.100 U	**1.42**	**0.0685** *	0.0521 U	**0.611** *	**0.131** *	**0.510** *	**0.478** *	**0.611** *	**0.0615** *	0.0555 U	0.0599 U
	Aroclor 1254	2	2	3	3	2	1	0.0591 U	0.0558 U	0.0599 U	0.395 UJ	NA	0.0553 U	0.0516 U	**1.70 J**	0.208 UJ	0.100 U	0.100 U	**6.89**		0.0544 U	0.0521 U	**0.227** *	0.0569 U	**0.221** *	**0.210** *	**0.227** *	0.0551 U	**0.0607** *	0.0599 U
	Aroclor 1260	2	2	3	3	2	1	**0.0635 J**	0.0558 U	0.0599 U	0.395 UJ	NA	0.0553 U	0.0516 U	0.0644 U	0.208 UJ	0.100 U	0.100 U	**1.34**	**0.100 U**	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										
	Total PCBs	2	2	3	3	2	1	**0.0635 J**	0.0558 U	0.0599 U	0.395 UJ	NA	0.0553 U	0.0516 U	**1.70 J**	0.208 UJ	0.100 U	0.100 U	**2.76**	**6.89**	**0.0685**	0.0521 U	**0.838**	**0.131**	**0.731**	**0.688**	**0.738**	**0.0615**	**0.0607**	0.0599 U
Metals																														
(mg/kg)	Mercury	20	20	30	30	20	N/A	**0.039**	**0.056**	**0.959**	0.150 U	0.012 U	**0.040**	0.017 U	**0.322**	**0.144**	0.07 U	0.07 U	**0.13**	**0.65**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Arsenic	20	20	20	20	20	N/A	**4.15**	**6.07**	**65.5**	**195**	3.15 U	3.02 U	2.61 U	**10.8**	7.45 U	**1.77**	**1.52**	**3.48**	**5.49**	NA	NA	NA	NA	NA	NA	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**	**16.5**	**8.58**	**533**	**178**	16	11	**372**	**532**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Beryllium	100	100	200	200	100	N/A	0.31 U	0.35 U	**0.86**	**5.13**	0.32 U	0.31 U	0.27 U	0.32 U	0.75 U	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	0.35 U	**2.33**	**8.81**	0.32 U	0.31 U	0.27 U	**2.32**	**2.03**	0.35 U	0.32 U	**0.78**	**0.63**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	30	30	200	200	30	N/A	**8.34**	**13.7**	**15.2**	**92.5**	**4.21**	**5.14**	**2.34**	**35.4**	**9.17**	**5.11**	**3.74**	**32**	**109**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	300	300	300	300	300	N/A	**129**	**49.6**	**802**	**2,710**	**2.18**	**12.9**	**4.61**	**2,350**	**85.8**	**17**	**8.89**	**223**	**371**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nickel	20	20	700	700	20	N/A	**4.25**	**7.89**	**18.4**	**94.1**	**3.14**	**3.04**	**2.24**	**19.1**	**7.67**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	6.04 U	5.22 U	6.22 U	14.9 U	0.71 U	0.64 U	0.68 U	**1.38**	NA	NA	NA	NA	NA	NA	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	0.61 U	0.53 U	**1.03**	1.49 U	0.35 U	0.32 U	0.34 U	0.34 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	**9.97**	**22.3**	**32.5**	**174**	6.29 U	**9.98**	5.22 U	**34.4**	14.9 U	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	**58.9**	**89.6**	**772**	**2,980**	**13.8**	**18.9**	**10.0**	**738**	**483**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO																														
(mg/kg)	Gasoline Range Organics	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals, TCLP																														
(ug/L)	Barium	NS	NS	NS	NS	NS	100,000[3]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	NS	NS	NS	NS	NS	1,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	NS	NS	NS	NS	NS	5,000[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
ug/L - micrograms per liter.
B - Detected in associated laboratory method blank.
J - Estimated value; below quantitation limit.
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA but are less than the listed Method 1 standards.
VOCs - Volatile Organic Compounds.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
RC - Reportable Concentration.
TCLP - Toxicity Characteristic Leaching Procedure.
TSCA - Toxic Substances Control Act criteria.
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc.
(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.
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*.
* - TRC developed standards.
[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-11
Summary of Detected Analytical Results for Soil Samples
New Bedford High School -Miscellaneous (Exposure Point Area HS-11)
New Bedford, Massaschusetts

Analysis	Analyte	Sample Location:						Comp-1	Comp 3	Comp 5	Comp 7	Comp 9		Comp 11	Comp 13	HS Comp 2	HS Comp 4	HS Comp 6		HS Comp 8	HS Comp 10	HS Comp 12	HS Comp 14	HS Comp 16
		Sample Depth (ft.):						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
		Sample Date:						2/21/2006	2/21/2006	2/21/2006	2/21/2006	2/22/2006	2/22/2006 Field Dup	2/22/2006	2/22/2006	2/21/2006	2/21/2006	2/21/2006	2/21/2006 Field Dup	2/21/2006	2/21/2006	2/22/2006	2/22/2006	2/22/2006
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA																	
SVOCs/PAHs																								
	Dibenzofuran	10*	10*	NS	NS	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.057 U	**0.150**	**0.240**	NA	NA
	Acenaphthene	1,000	1,000	3,000	3,000	4	NA	0.34 U	NA	0.34 U	NA	NA	NA	NA	**0.39**	NA	NA	NA	NA	0.057 U	**0.440**	**0.750**	NA	NA
	Acenaphthylene	600	10	600	10	1	NA	**1.4**	NA	0.34 U	NA	NA	NA	NA	**2.6**	NA	NA	NA	NA	**0.210**	**0.560**	**0.550**	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	NA	**2.0**	NA	0.34 U	NA	NA	NA	NA	**4.8**	NA	NA	NA	NA	**0.280**	**1.7**	**1.8**	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	NA	**4.4**	NA	0.34 U	NA	NA	NA	NA	**9.0**	NA	NA	NA	NA	**0.850**	**2.9**	**5.0**	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	NA	**3.8**	NA	0.34 U	NA	NA	NA	NA	**4.3**	NA	NA	NA	NA	**0.820**	**2.2**	**4.2**	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	NA	**4.4**	NA	0.34 U	NA	NA	NA	NA	**5.1**	NA	NA	NA	NA	**0.610**	**1.5**	**2.8**	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	NA	**2.4**	NA	0.34 U	NA	NA	NA	NA	**2.0**	NA	NA	NA	NA	**0.430**	**1.1**	**1.8**	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	NA	**1.9**	NA	0.34 U	NA	NA	NA	NA	**1.6**	NA	NA	NA	NA	**0.920**	**2.3**	**4.2**	NA	NA
	Chrysene	70	70	400	400	70	NA	**4.0**	NA	0.34 U	NA	NA	NA	NA	**9.9**	NA	NA	NA	NA	**0.780**	**2.9**	**4.3**	NA	NA
	Dibenz(a,h)anthencene	0.7	0.7	4	4	1	NA	**0.57**	NA	0.34 U	NA	NA	NA	NA	**0.83**	NA	NA	NA	NA	**0.190**	**0.530**	**0.880**	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	NA	10	NA	**0.38**	NA	NA	NA	NA	**13**	NA	NA	NA	NA	1.7	**5.2**	**9.0**	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	NA	**0.98**	NA	0.34 U	NA	NA	NA	NA	**1.2**	NA	NA	NA	NA	**0.066**	**0.750**	0.630	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	NA	**2.3**	NA	0.34 U	NA	NA	NA	NA	**2.0**	NA	NA	NA	NA	**0.420**	**0.920**	1.9	NA	NA
	2-Meithylnaphthalene	80	300	80	500	0.7	NA	**0.47**	NA	0.34 U	NA	NA	NA	NA	**0.29**	NA	NA	NA	NA	0.057 U	**0.170**	**0.130**	NA	NA
	Naphthalene	40	500	40	1,000	4	NA	**0.89**	NA	0.34 U	NA	NA	NA	NA	0.27 U	NA	NA	NA	NA	0.057 U	**0.091**	**0.200**	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	NA	**8.6**	NA	0.34 U	NA	NA	NA	NA	**18**	NA	NA	NA	NA	**0.950**	**6.5**	**6.2**	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	NA	**8.5**	NA	**0.38**	NA	NA	NA	NA	**20**	NA	NA	NA	NA	1.6	**5.6**	**9.1**	NA	NA
Pesticides																								
	4,4'-DDD	4	4	30	30	4	NA	**0.029**	NA	0.0022 U	NA	NA	NA	NA	0.0017 U	NA	NA	NA	NA	0.010 U	**0.113**	**0.0126**	NA	NA
	4,4'-DDE	3	3	20	20	3	NA	**0.18**	NA	0.0022 U	NA	NA	NA	NA	**0.18**	NA	NA	NA	NA	0.010 U	0.010 U	**0.0483**	NA	NA
	4,4'-DDT	3	3	20	20	3	NA	**0.16**	NA	0.0022 U	NA	NA	NA	NA	**0.046**	NA	NA	NA	NA	0.010 U	**0.123**	**0.157**	NA	NA
	Endosulfan sulfate	200*	20*	NS	NS	0.5	NA	**0.1**	NA	0.0022 U	NA	NA	NA	NA	0.0017 U	NA	NA	NA	NA	0.010 U	0.010 U	0.010 U	NA	NA
Herbicides																								
	Dinoseb	30*	7*	NS	NS	500	NA	NA	NA	**NA**	NA	NA	NA	NA	NA	0.025 U	NA	0.025 U	NA	0.025 U	**0.043**	0.025 U	0.025 U	NA
Metals																								
	Arsenic	20	20	20	20	20	N/A	**24.4**	**17.4**	**24.7**	**24.9**	**11.0**	**14.6**	**17.9**	**10.0**	**8.79**	**7.03**	**9.56**	**8.07**	**7.23**	**18**	**8.71**	**4.13**	**10**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**465**	**305**	**484**	**433**	**209**	**259**	**256**	**57.7**	**307**	**283**	**312**	**314**	**156**	**214**	**166**	**90**	**327**
	Cadmium	2	2	30	30	2	N/A	**1.68**	**1.13**	0.845 U	0.892 U	**1.10**	**2.5**	**2.70**	0.645 U	**42**	**0.87**	**0.79**	**1.03**	**1.26**	**2.10**	**2.60**	**0.46**	**1.03**
	Chromium	30	30	200	200	30	N/A	**47.8**	**21.3**	**34.7**	**37.1**	**19.5**	**20**	**33.5**	**10.4**	**19**	**7.59**	**8.55**	**10**	**9.82**	**15**	**12**	**7.73**	**31**
	Lead	300	300	300	300	300	N/A	**1,190**	**518**	**896**	**506**	**328**	**839**	**1,480**	**174**	**827**	**633**	**427**	**510**	**354**	**579**	**2,670**	**107**	**537**
	Mercury	20	20	30	30	20	N/A	**0.271**	**0.165**	**0.823**	0.0669 U	**0.367**	**0.52**	**0.454**	**0.0754**	**0.368**	**0.480**	**0.237**	**0.195**	**0.421**	**0.409**	**0.455**	**0.206**	**0.249**
	Selenium	400	400	800	800	400	N/A	20 U	22.3 U	20.2 U	21.4 U	18.2 U	18.9 U	19.1 U	15.5 U	**2.61**	**0.95**	**0.86**	**2.20**	**0.66**	**1.50**	**0.84**	0.77 U	**0.73**
	Silver	100	100	200	200	100	N/A	**2.83**	2.6 U	**2.86**	2.5 U	2.13 U	2.21 U	**2.62**	1.81 U	0.37 U	0.40 U	0.36 U	**1.25**	0.33 U	0.37 U	0.35 U	0.38 U	0.37 U
DRO (mg/kg)	Diesel Range Organics	1,000	1,000	3,000	3,000	1,000	NA	**3,800**	NA	65 U	NA	NA	NA	NA	**750**	NA	NA	NA	NA	**102**	**28**	**553**	NA	NA
Metals, TCLP																								
	Cadmium, TCLP	NS	NS	NS	NS	NS	1,000[5b]	NA	NA	NA	NA	NA	NA	NA	NA	60	NA	NA	NA	NA	NA	NA	NA	NA
	Lead, TCLP	NS	NS	NS	NS	NS	5,000[5a]	**360**	**1,300**	**5,300**	250 U	**2,400**	**410**	**1,500**	250 U	**1,800**	**1,000**	**400**	**600**	**400**	**30,000**	**1,900**	**100**	**500**
Ignitability (Deg. F)	Ignitability	NS	NS	NS	NS	NS	NA	**0**	NA	**0**	NA	NA	NA	NA	**0**	NA	NA	NA	NA	**0**	**0**	**0**	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,
U - Compound was not detected at specified quantitation limit,
J - Estimated value; below quantitation limit,
B - Detected in associated laboratory method blank,
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 or TCLP standard, as applicable.
Values shown in bold and outlined exceed TSCA standard.
VOCs - Volatile Organic Compounds,
SVOCs - Semivolatile Organic Compounds,
PAHs - Polynuclear Aromatic Hydrocarbons,
PCBs - Polychlorinated Biphenyls,
RC - Reportable Concentration,
TSCA - Toxic Substances Control Act criteria,
Data are based on the "Summary of Analytical Data, New Bedford High School" dated June 9, 2006, BETA Group, Inc,
(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,
(5) - SW-846 Chapter 7, Table 7-1, *Maximum Concentration of Contaminants for Toxicity Characteristic*,
* - TRC developed standards,

TABLE 3-12
Summary of Analytical Results for Dioxin Investigative Soil Samples
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte							5				6			4			4			8		
							Area Code:																
							Sample ID:	HB-26				HF-14			RF-31D			HF-40			HC-2		
							Sample Depth (ft.):	0-1	1-3	1-3	3-5	0-1	1-3	3-4	0-1	1-3	4-6	0-1	1-3	3-5	0-1	1-3	5-7
							Sample Date:	4/15/2010	4/15/2010	4/15/2010 Field Dup	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1*	TSCA																
SVOCs/PAHs																							
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.39 U	0.20 U	0.44 U	1.2 U	0.20 U	0.18 U	0.46 U	0.19 U	0.37 U	0.45 U	0.19 U	0.91 U	2.1 U	0.20 U	1.7 U	0.42 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.39 U	**0.31**	0.44 U	1.2 U	0.20 U	0.18 U	**0.59**	0.19 U	0.37 U	0.45 U	0.19 U	0.91 U	2.1 U	0.20 U	**2.5**	0.42 U
	Acenaphthylene	600	10	600	10	1	N/A	0.39 U	0.20 U	0.44 U	1.2 U	0.20 U	0.18 U	0.46 U	0.19 U	0.37 U	0.45 U	0.19 U	**10**	**8.9**	0.20 U	1.7 U	0.42 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.39 U	**1.2**	**0.78**	1.2 U	0.20 U	0.18 U	**0.93**	0.19 U	**1.1**	0.45 U	0.19 U	**3.6**	**3.9**	0.20 U	**4.0**	0.42 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.73**	**3.9**	**2.4**	1.2 U	0.20 U	**0.21**	**2.4**	0.19 U	**1.5**	**0.68**	0.19 U	**5.8**	**7.0**	0.20 U	**10**	**0.48**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**0.65**	**3.2**	**2.2**	1.2 U	0.20 U	**0.21**	**2.2**	0.19 U	**1.4**	**0.64**	**0.20**	**12**	**13**	0.20 U	**9.0**	0.42 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.73**	**4.3**	**2.9**	1.2 U	0.20 U	0.18 U	**3.1**	0.19 U	**1.6**	**0.98**	**0.26**	**9.5**	**12**	0.20 U	**11**	**0.55**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**0.53**	**1.1**	**0.75**	1.2 U	0.20 U	0.18 U	**0.74**	0.19 U	**0.49**	0.45 U	0.19 U	**9.2**	**8.6**	0.20 U	**4.6**	0.42 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.39 U	**1.7**	**1.2**	1.2 U	0.20 U	0.18 U	**1.2**	0.19 U	**0.68**	0.45 U	0.19 U	**3.3**	**4.1**	0.20 U	1.7 U	0.42 U
	Chrysene	70	70	400	400	70	N/A	**0.75**	**4.2**	**2.6**	1.2 U	0.20 U	**0.23**	**2.7**	0.19 U	**1.6**	**0.66**	**0.23**	**8.3**	**9.6**	0.20 U	**11**	**0.49**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.39 U	**0.34**	0.44 U	1.2 U	0.20 U	0.18 U	0.46 U	0.19 U	0.37 U	0.45 U	0.19 U	0.91 U	2.1 U	0.20 U	1.7 U	0.42 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**1.2**	**6.5**	**4.3**	1.2 U	0.20 U	**0.33**	**5.6**	0.19 U	**3.0**	**0.90**	**0.24**	**28**	**30**	0.20 U	**21**	**0.86**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.39 U	**0.33**	0.44 U	1.2 U	0.20 U	0.18 U	**0.52**	0.19 U	**0.59**	0.45 U	0.19 U	**1.9**	**2.3**	0.20 U	**1.9**	0.42 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**0.54**	**1.4**	**0.98**	1.2 U	0.20 U	0.18 U	**0.97**	0.19 U	**0.67**	0.45 U	0.19 U	**8.4**	**7.9**	0.20 U	**5.7**	0.42 U
	Naphthalene	40	500	40	1,000	4	N/A	0.39 U	0.20 U	0.44 U	1.2 U	0.20 U	0.18 U	**0.50**	0.19 U	0.37 U	0.45 U	0.19 U	**20**	**17**	0.20 U	1.7 U	0.42 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.99**	**4.6**	**3.3**	1.2 U	0.20 U	**0.33**	**4.4**	0.19 U	**4.0**	**1.0**	**0.21**	**30**	**37**	0.20 U	**17**	**0.76**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**1.2**	**5.1**	**2.6**	1.2 U	**0.22**	**0.25**	**2.1**	0.19 U	**2.0**	**0.64**	**0.28**	**21**	**27**	**0.30**	**14**	**0.55**
PCB Aroclors																							
(mg/kg)	Aroclor-1016	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1221	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1232	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1242	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1248	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1254	2	2	3	3	2	1	**0.47**	**0.63**	**0.87**	**0.70**	**0.26**	**0.54**	0.13 U	**0.23**	**0.73**	0.13 U	**0.33**	**8.0**	**12**	0.12 U	**4.2**	**4.0**
	Aroclor-1260	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	**1.0**	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1262	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Aroclor-1268	2	2	3	3	2	1	0.11 U	0.12 U	0.13 U	0.14 U	0.12 U	0.11 U	0.13 U	0.11 U	0.11 U	0.13 U	0.11 U	1.1 U	1.2 U	0.12 U	0.49 U	0.49 U
	Total PCBs	2	2	3	3	2	1	**0.47**	**0.63**	**0.87**	**0.70**	**0.26**	**0.54**	**1.0**	**0.23**	**0.73**	0.13 U	**0.33**	**8.0**	**12**	0.12 U	**4.2**	**4.0**
PCB Congeners																							
(mg/kg)	*Total PCBs [a]*	2	2	3	3	2	1	*0.465 J*	*1.82 J*	*6.47 J*	*16.62 J*	*0.181 J*	*0.744 J*	*1.15 J*	*0.193 J*	*0.735 J*	*0.082 J*	*0.267 J*	*0.066 J*	*0.098 J*	*0.255 J*	*4.90 J*	*3.73 J*
	Total PCBs [b]	2	2	3	3	2	1	*0.465 J*	*1.82 J*	*6.47 J*	*16.63 J*	*0.181 J*	*0.744 J*	*1.15 J*	*0.193 J*	*0.735 J*	*0.082 J*	*0.266 J*	*0.066 J*	*0.098 J*	*0.255 J*	*4.90 J*	*3.73 J*
	Dioxin-like PCB TEQs (ND=0 EMPC=EMPC)	2.0E-05	2.0E-05	5.0E-05	5.0E-05	2.0E-05	N/A	*6.7E-06 J*	*3.9E-05 J*	*1.2E-04 J*	*3.2E-05 J*	*5.1E-06 J*	*7.5E-06 J*	*1.8E-06 J*	*3.1E-06 J*	*1.3E-05 J*	*2.0E-06 J*	*6.5E-06 J*	*8.3E-07 J*	*1.6E-06 J*	*4.8E-06 J*	*1.1E-04 J*	*7.3E-05 J*
	Dioxin-like PCB TEQs (ND=DL/2; EMPC=EMPC)	2.0E-05	2.0E-05	5.0E-05	5.0E-05	2.0E-05	N/A	*6.7E-06 J*	*3.9E-05 J*	*1.2E-04 J*	*3.6E-05 J*	*5.2E-06 J*	*7.6E-06 J*	*4.4E-06 J*	*3.1E-06 J*	*1.3E-05 J*	*2.0E-06 J*	*6.6E-06 J*	*8.4E-07 J*	*1.7E-06 J*	*4.8E-06 J*	*1.1E-04 J*	*7.3E-05 J*
Dioxins																							
(mg/kg)	*TEQs (ND=0; EMPC=EMPC)*	2.0E-05	2.0E-05	5.0E-05	5.0E-05	2.0E-05	N/A	*4.3E-05*	*1.8E-04*	*1.5E-04*	*1.4E-04*	*1.0E-05*	*1.6E-05*	*1.5E-04*	*1.4E-05*	*2.7E-05*	*2.0E-05*	*1.2E-05*	*5.1E-05*	*1.8E-04*	*1.9E-05*	*1.9E-04*	*1.5E-04*
	TEQs (ND=DL/2; EMPC=EMPC)	2.0E-05	2.0E-05	5.0E-05	5.0E-05	2.0E-05	N/A	*4.3E-05*	*1.8E-04*	*1.5E-04*	*1.4E-04*	*1.1E-05*	*1.6E-05*	*1.5E-04*	*1.4E-05*	*2.7E-05*	*2.0E-05*	*1.2E-05*	*5.1E-05*	*1.8E-04*	*1.9E-05*	*1.9E-04*	*1.5E-04*
TEQ Summation**																							
(mg/kg)	*TEQs (ND=0; EMPC=EMPC)*	2.0E-05	2.0E-05	5.0E-05	5.0E-05	2.0E-05	N/A	*5.0E-05*	*2.2E-04*	*2.7E-04*	*1.7E-04*	*1.6E-05*	*2.3E-05*	*1.5E-04*	*1.7E-05*	*4.0E-05*	*2.2E-05*	*1.8E-05*	*5.1E-05*	*1.8E-04*	*2.4E-05*	*3.0E-04*	*2.2E-04*
	TEQs (ND=DL/2; EMPC=EMPC)	2.0E-05	2.0E-05	5.0E-05	5.0E-05	2.0E-05	N/A	*5.0E-05*	*2.2E-04*	*2.7E-04*	*1.8E-04*	*1.6E-05*	*2.3E-05*	*1.5E-04*	*1.7E-05*	*4.0E-05*	*2.2E-05*	*1.9E-05*	*5.1E-05*	*1.8E-04*	*2.4E-05*	*3.0E-04*	*2.2E-04*
Metals																							
(mg/kg)	Antimony	20	20	30	30	20	N/A	4.6 U	24 U	5.2 U	5.5 U	4.8 U	4.3 U	5.4 U	4.4 U	4.3 U	5.2 U	4.4 U	4.3 U	**7.1**	4.7 U	4.9 U	4.9 U
	Arsenic	20	20	20	20	20	N/A	**3.6**	**23**	**22**	**9.1**	3.0 U	2.7 U	**14**	2.7 U	**3.0**	**8.8**	2.8 U	**3.0**	**12**	3.0 U	**8.0**	**3.3**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**180**	**900**	**1,000**	**540**	**61**	**160**	**4,400**	**70**	**96**	**380**	**22**	**130**	**560**	**56**	**810**	**190**
	Beryllium	100	100	200	200	100	N/A	0.29 U	**0.44**	**0.49**	**0.67**	0.30 U	0.27 U	**0.48**	0.27 U	0.27 U	**0.81**	0.28 U	0.27 U	**0.48**	0.30 U	0.31 U	0.31 U
	Cadmium	2	2	30	30	2	N/A	**0.77**	**3.5**	**3.7**	**11**	**0.31**	**0.35**	**1.5**	**0.35**	**0.82**	**0.69**	**0.29**	**1.1**	**3.7**	**1.1**	**2.7**	**2.7**
	Chromium	30	30	200	200	30	N/A	**16**	**75**	**69**	**46**	**79**	**16**	**480**	**24**	**9.8**	**20**	**4.9**	**10**	**33**	**11**	**97**	**47**
	Lead	300	300	300	300	300	N/A	**230**	**1,100**	**1,300**	**4,300**	**41**	**58**	**800**	**100**	**170**	**480**	**87**	**280**	**770**	**220**	**1,900**	**320**
	Nickel	20	20	700	700	20	N/A	**11**	**54**	**39**	**31**	**6.0**	**4.0**	**49**	**6.0**	**8.2**	**43**	**3.4**	**5.8**	**21**	**7.3**	**29**	**25**
	Selenium	400	400	800	800	400	N/A	5.8 U	6.0 U	6.4 U	6.9 U	**6.0**	5.3 U	6.7 U	5.5 U	5.4 U	6.5 U	5.5 U	5.4 U	6.2 U	5.9 U	6.1 U	6.2 U
	Silver	100	100	200	200	100	N/A	0.58 U	**0.90**	0.64 U	**75**	0.60 U	0.53 U	0.67 U	0.55 U	0.54 U	**1.2**	0.55 U	0.54 U	0.62 U	0.59 U	0.61 U	0.62 U
	Thallium	8	8	60	60	8	N/A	3.5 U	3.6 U	3.9 U	4.1 U	3.6 U	3.2 U	4.0 U	3.3 U	3.2 U	3.9 U	3.3 U	3.2 U	3.7 U	3.6 U	3.7 U	3.7 U
	Vanadium	600	600	1,000	1,000	600	N/A	**21**	**36**	**41**	**28**	**37**	**14**	**210**	**13**	**8.5**	**32**	**8.0**	**6.4**	**19**	**12**	**60**	**28**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**210**	**980**	**1,200**	**410**	**44**	**32**	**360**	**76**	**130**	**220**	**41**	**150**	**580**	**77**	**580**	**340**
	Mercury	20	20	30	30	20	N/A	**0.62**	**0.84**	**0.52**	**0.11**	**0.045**	**0.080**	**0.34**	**0.16**	**0.27**	**0.40**	**0.058**	**0.098**	**0.24**	**0.085**	**1.6**	**0.15**

Notes:

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

EMPC - Estimated Maximum Possible Concentration. An EMPC represents an upper bound on a congener concentration when all criteria for detection of the congener were not met. This value represents the theoretical maximum possible content of dioxins and furans in the sample.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

NS - No MassDEP standards exist for this analyte.

U - Compound was not detected at specified quantitation limit. When this happens, the result is referred to as a "non-detect," or "ND."

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

Values shown in Bold and shaded type exceed one or more of the listed MassDEP 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.

TEQ – the Toxic Equivalent concentration (TEQ) for each sample. It is calculated by summing concentration data for all dioxin, furan, and PCB congeners that are believed to harm human health in the same way as the congener commonly referred to as dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin). These congeners are sometimes referred to as "dioxin-like." See the TRC memorandum for additional details.

TEQ is calculated for each sample using Toxic Equivalency Factors (TEFs) for each dioxin-like congener defined by MassDEP and the World Health Organization. TEFs are used to mathematically change concentrations of the individual congeners into a single equivalent concentration of dioxin. EMPCs were included in TEQ estimates to avoid underestimating exposure to dioxin-like congeners. Results below detection limits, or "non-detects" (NDs), were included as either ½ the detection limit (referred to as "ND= DL/2") or by setting the concentration to 0 (referred to as "ND=0"). TEQs change only very slightly when these two different assumptions were used for results below detection limits. The higher TEQ (calculated using the ND=DL/2 assumption) was used to estimate the risk from dioxin-like congeners.

(a) - Calculated by summation of PCB homolog groups.

(b) - Calculated by summation of individual congeners.

* - For reference purposes only.

** - Sum of Dioxin-like PCB Congeners TEQ and Dioxins TEQ.

[redacted] - sample locations to be either excavated, or covered by pavement.

TABLE 3-13
Summary of Analytical Results for Dioxin Investigation Soil Sample HB-2 (5-7)
New Bedford High School
New Bedford, Massachusetts

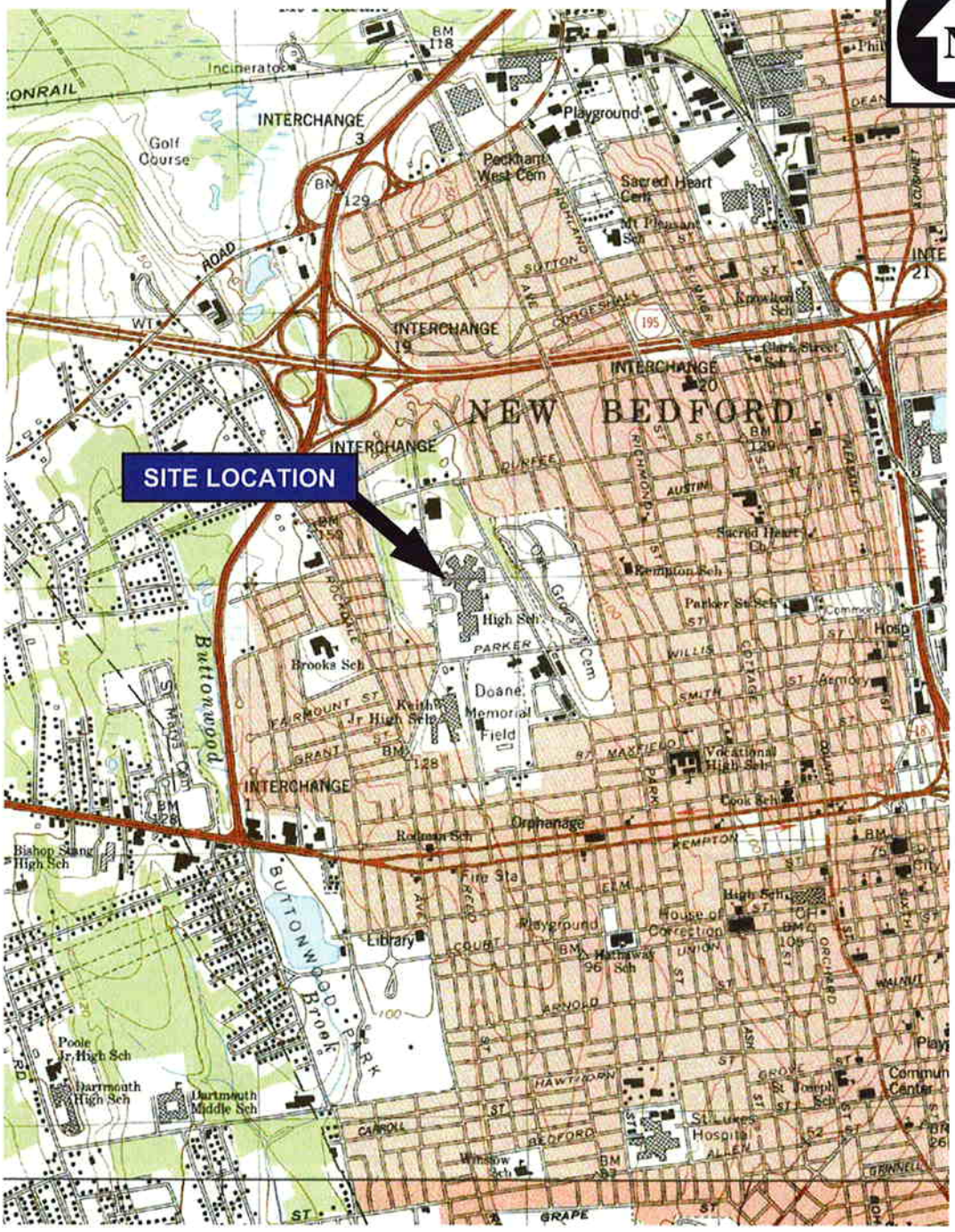
Analysis	Analyte					Area Code:		8
						Sample ID:		HG-2
						Sample Depth (ft.):		5-7
						Sample Date:		4/15/2010
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	
VOCs (mg/kg)	1,1,1,2-Tetrachloroethane	0.1	7	0.1	100	0.1	N/A	0.084 U
	1,1,1-Trichloroethane	500	500	600	1,000	30	N/A	0.084 U
	1,1,2,2-Tetrachloroethane	0.02	0.8	0.02	10	0.005	N/A	0.042 U
	1,1,2-Trichloroethane	2	4	2	60	0.1	N/A	0.084 U
	1,1-Dichloroethane	5	500	5	1,000	0.4	N/A	0.084 U
	1,1-Dichloroethylene	40	500	40	1,000	3	N/A	0.084 U
	1,1-Dichloropropene	NS	NS	NS	NS	0.01[2]	N/A	0.17 U
	1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	N/A	0.42 U
	1,2,3-Trichloropropane	NS	NS	NS	NS	100	N/A	0.17 U
	1,2,4-Trichlorobenzene	70	500	70	900	2	N/A	0.33 U
	1,2,4-Trimethylbenzene	100[1]	100[1]	500[1]	500[1]	1,000	N/A	0.084 U
	1,2-Dibromo-3-chloropropane (DBCP)	NS	NS	NS	NS	10	N/A	0.42 U
	1,2-Dibromoethane (EDB)	0.1	0.7	0.1	4	0.1	N/A	0.042 U
	1,2-Dichlorobenzene	30	300	30	300	9	N/A	0.084 U
	1,2-Dichloroethane	0.1	10	0.1	90	0.1	N/A	0.084 U
	1,2-Dichloropropane	0.1	10	0.1	100	0.1	N/A	0.084 U
	1,3,5-Trimethylbenzene	100[1]	100[1]	500[1]	500[1]	10	N/A	0.084 U
	1,3-Dichlorobenzene	40	100	40	500	1	N/A	0.084 U
	1,3-Dichloropropane	NS	NS	NS	NS	500	N/A	0.042 U
	1,4-Dichlorobenzene	4	50	4	300	0.7	N/A	0.084 U
	1,4-Dioxane	6	70	6	500	0.2	N/A	17 U
	2,2-Dichloropropane	NS	NS	NS	NS	0.1[2]	N/A	0.084 U
	2-Butanone (MEK)	50	400	50	400	4	N/A	1.7 U
	2-Chlorotoluene	NS	NS	NS	NS	100	N/A	0.084 U
	2-Hexanone (MBK)	NS	NS	NS	NS	100	N/A	0.84 U
	4-Chlorotoluene	NS	NS	NS	NS	100	N/A	0.084 U
	4-Methyl-2-pentanone (MIBK)	50	400	50	400	0.4	N/A	0.84 U
	Acetone	50	400	50	400	6	N/A	4.2 U
	Benzene	30	30	200	200	2	N/A	0.084 U
	Bromobenzene	NS	NS	NS	NS	100	N/A	0.084 U
	Bromochloromethane	NS	NS	NS	NS	NS	N/A	0.084 U
	Bromodichloromethane	0.1	20	0.1	100	0.1	N/A	0.084 U
	Bromoform	1	200	1	800	0.1	N/A	0.17 U
	Bromomethane	0.5	30	0.5	30	0.5	N/A	0.17 U
	Carbon Disulfide	NS	NS	NS	NS	100	N/A	0.84 U
	Carbon Tetrachloride	5	10	5	60	5	N/A	0.084 U
	Chlorobenzene	3	100	3	100	1	N/A	0.084 U
	Chlorodibromomethane	0.03	20	0.03	100	0.005	N/A	0.042 U
	Chloroethane	NS	NS	NS	NS	100	N/A	0.17 U
	Chloroform	0.3	400	0.3	800	0.3	N/A	0.17 U
	Chloromethane	NS	NS	NS	NS	100	N/A	0.17 U
	cis-1,2-Dichloroethylene	0.4	100	0.4	500	0.3	N/A	0.084 U
	cis-1,3-Dichloropropene	0.4[2]	9[2]	0.4[2]	70[2]	0.01[2]	N/A	0.042 U
	Dibromomethane	NS	NS	NS	NS	500	N/A	0.084 U
	Dichlorodifluoromethane (Freon 12)	NS	NS	NS	NS	1,000	N/A	0.17 U
	Diethyl Ether	NS	NS	NS	NS	100	N/A	0.17 U
	Diisopropyl Ether (DIPE)	NS	NS	NS	NS	100	N/A	0.042 U
	Ethylbenzene	500	500	1,000	1,000	40	N/A *	0.084 U
	Hexachlorobutadiene	6	6	90	90	6	N/A	0.084 U
	Isopropylbenzene (Cumene)	100[1]	100[1]	500[1]	500[1]	1,000	N/A	0.084 U
	m+p Xylene	300	500	300	1,000	300	N/A	0.17 U
	Methyl tert-Butyl Ether (MTBE)	100	100	100	500	0.1	N/A	0.084 U
	Methylene Chloride	20	200	20	900	0.1	N/A	0.42 U
	Naphthalene	40	500	40	1,000	4	N/A	0.33 U
	n-Butylbenzene	100[1]	100[1]	500[1]	500[1]	100[1]	N/A	0.17 U
	n-Propylbenzene	100[1]	100[1]	500[1]	500[1]	100	N/A	0.084 U
	o-Xylene	300	500	300	1,000	300	N/A	0.084 U
	p-Isopropyltoluene (p-Cymene)	100[1]	100[1]	500[1]	500[1]	100[1]	N/A	1.2
	sec-Butylbenzene	100[1]	100[1]	500[1]	500[1]	100[1]	N/A	0.084 U
	Styrene	4	30	4	200	3	N/A	0.084 U
	tert-Amyl Methyl Ether (TAME)	NS	NS	NS	NS	NS	N/A	0.042 U
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	NS	NS	NS	N/A	0.042 U
	tert-Butylbenzene	100[1]	100[1]	500[1]	500[1]	100[1]	N/A	0.084 U
	Tetrachloroethylene	10	30	10	200	1	N/A	0.084 U
	Tetrahydrofuran	NS	NS	NS	NS	500	N/A	0.84 U
	Toluene	500	500	1,000	1,000	30	N/A	0.084 U
	trans-1,2-Dichloroethylene	1	500	1	1,000	1	N/A	0.084 U
	trans-1,3-Dichloropropene	0.4[2]	9[2]	0.4[2]	70[2]	0.01[2]	N/A	0.042 U
	Trichloroethylene	2	90	2	700	0.3	N/A	0.084 U
	Trichlorofluoromethane (Freon 11)	NS	NS	NS	NS	1,000	N/A	0.17 U
	Vinyl Chloride	0.6	0.6	0.7	4	0.6	N/A	0.17 U

TABLE 3-13
Summary of Analytical Results for Dioxin Investigation Soil Sample HB-2 (5-7)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte						Area Code:	8
							Sample ID:	HG-2
							Sample Depth (ft.):	5-7
							Sample Date:	4/15/2010
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	
VPH								
(mg/kg)	Benzene	30	30	200	200	2	N/A	0.088 U
	C5-C8 Aliphatics	100	100	500	500	100	N/A	18 U
	C9-C10 Aromatics	100	100	500	500	100	N/A	**51**
	C9-C12 Aliphatics	1,000	1,000	3,000	3,000	1,000	N/A	**25**
	Ethylbenzene	500	500	1,000	1,000	40	N/A	0.088 U
	m+p Xylene	300	500	300	1,000	300	N/A	0.18 U
	Methyl tert-Butyl Ether (MTBE)	100	100	100	500	0.1	N/A	0.088 U
	Naphthalene	40	500	40	1,000	4	N/A	0.88 U
	o-Xylene	300	500	300	1,000	300	N/A	0.088 U
	Toluene	500	500	1,000	1,000	30	N/A	0.088 U
EPH								
(mg/kg)	C11-C22 Aromatics	1,000	1,000	3,000	3,000	1,000	N/A	**120**
	C19-C36 Aliphatics	3,000	3,000	5,000	5,000	3,000	N/A	**160**
	C9-C18 Aliphatics	1,000	1,000	3,000	3,000	1,000	N/A	62 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.62 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.62 U
	Acenaphthylene	600	10	600	10	1	N/A	0.62 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	**1.2**
	Benzo(a)anthracene	7	7	40	40	7	N/A	**2.5**
	Benzo(a)pyrene	2	2	4	4	2	N/A	**2.3**
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**3.2**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	**1.6**
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	**1.2**
	Chrysene	70	70	400	400	70	N/A	**2.9**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.62 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**5.7**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	**0.74**
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	**1.7**
	Naphthalene	40	500	40	1,000	4	N/A	0.62 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**4.7**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**5.4**
SVOCs/PAHs								
(mg/kg)	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.42 U
	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.42 U
	Acenaphthylene	600	10	600	10	1	N/A	0.42 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.42 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	**0.48**
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.42 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	**0.55**
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.42 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.42 U
	Chrysene	70	70	400	400	70	N/A	**0.49**
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.42 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	**0.86**
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.42 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.42 U
	Naphthalene	40	500	40	1,000	4	N/A	0.42 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	**0.76**
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	**0.55**
PCBs								
(mg/kg)	Aroclor-1016	2	2	3	3	2	1	0.49 U
	Aroclor-1221	2	2	3	3	2	1	0.49 U
	Aroclor-1232	2	2	3	3	2	1	0.49 U
	Aroclor-1242	2	2	3	3	2	1	0.49 U
	Aroclor-1248	2	2	3	3	2	1	0.49 U
	Aroclor-1254	2	2	3	3	2	1	**4.0**
	Aroclor-1260	2	2	3	3	2	1	0.49 U
	Aroclor-1262	2	2	3	3	2	1	0.49 U
	Aroclor-1268	2	2	3	3	2	1	0.49 U
	Total PCBs	2	2	3	3	2	1	**4.0**
Metals								
(mg/kg)	Antimony	20	20	30	30	20	N/A	4.9 U
	Arsenic	20	20	20	20	20	N/A	**3.3**
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	**190**
	Beryllium	100	100	200	200	100	N/A	0.31 U
	Cadmium	2	2	30	30	2	N/A	**2.7**
	Chromium	30	30	200	200	30	N/A	**47**
	Lead	300	300	300	300	300	N/A	**320**
	Nickel	20	20	700	700	20	N/A	**25**
	Selenium	400	400	800	800	400	N/A	6.2 U
	Silver	100	100	200	200	100	N/A	0.62 U
	Thallium	8	8	60	60	8	N/A	3.7 U
	Vanadium	600	600	1,000	1,000	600	N/A	**28**
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	**340**
	Mercury	20	20	30	30	20	N/A	**0.15**

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
N/A - Not applicable.
NS - No MassDEP standards exist for this 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 MassDEP Method 1 standards.
VOCs = Volatile Organic Compounds.
VPH = Volatile Petroleum Hydrocarbons.
EPH = Extractable Petroleum Hydrocarbons.
PAHs = Polynuclear Aromatic Hydrocarbons.
PCBs = Polychlorinated Biphenyls.
RC = Reportable Concentration.
TSCA = Toxic Substances Control Act criteria.
(1) = MCP Method 1 standards and RC for C9-C10 aromatics used.
(2) = MCP RC for Dichloropropane used.
(3) = MCP RC for Dichloropropene used.
(4) = MCP Method 1 standards and RC for 1,3-Dichloropropene used.
* = For reference purposes only.

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

T:\E_CAD\115058\TOPO NBHS.ppt

NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

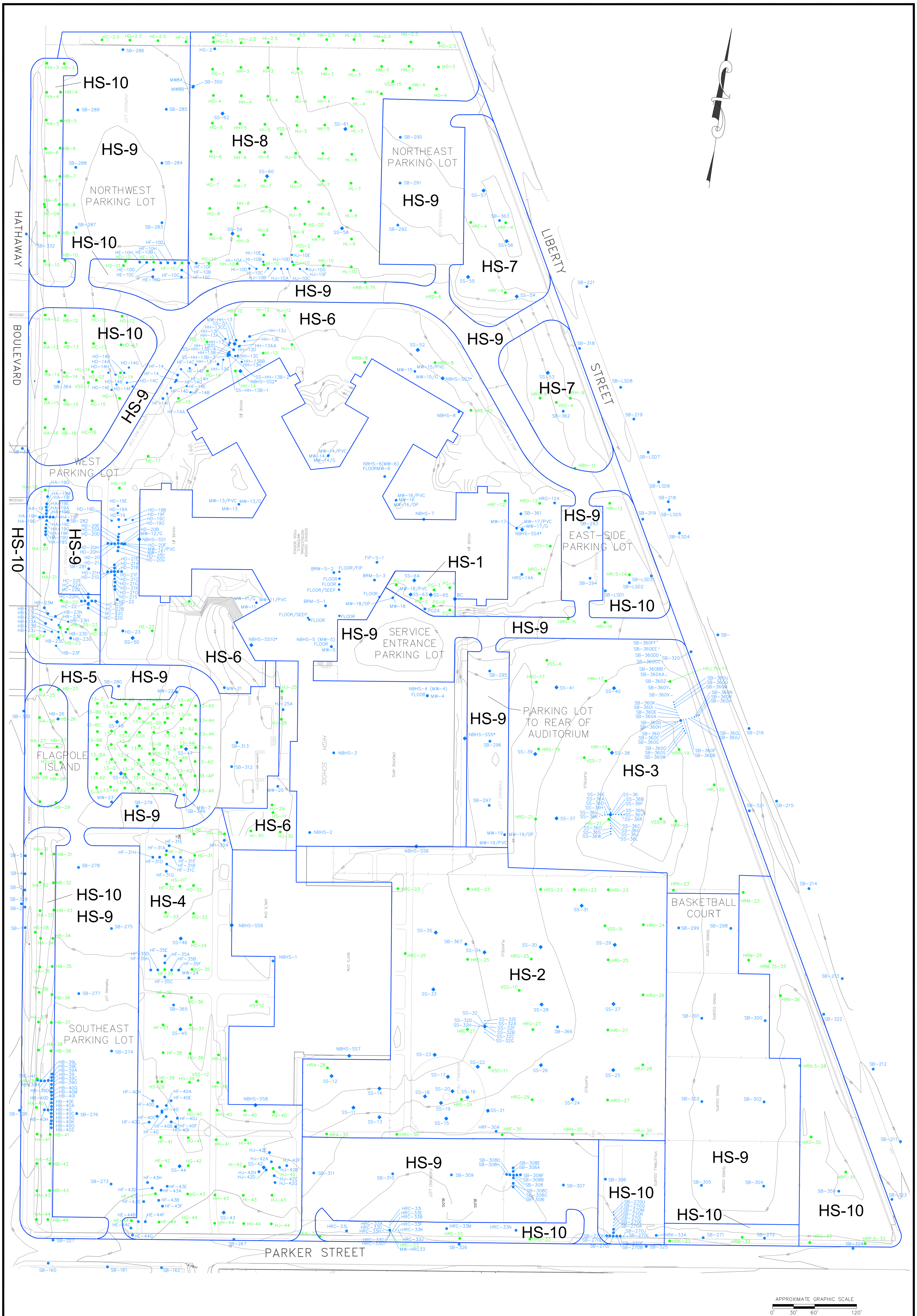
SITE LOCATION MAP

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

Drawn: HWB
Checked: DS

SCALE: AS SHOWN
Date: OCT 2008

FIGURE 1



NOTES:

1. MAP PREPARED BASED ON DRAWINGS AND SURVEY DATA PROVIDED BY LAND PLANNING, INC. OF HANSON, MASSACHUSETTS.

2. ALL TRC SAMPLING LOCATIONS SURVEYED BY LAND PLANNING, INC. OF HANSON, MASSACHUSETTS.

3. BETA SAMPLE LOCATIONS ARE APPROXIMATE AND BASED ON THE FIGURE PROVIDED IN THE JUNE 9, 2006 "SUMMARY OF ANALYTICAL DATA, NEW BEDFORD HIGH SCHOOL, NEW BEDFORD, MASSACHUSETTS" BY BETA GROUP, INC. OF NORWOOD, MASSACHUSETTS.

LEGEND:

- TRC SAMPLE LOCATIONS
- VHB/BETA SAMPLE LOCATIONS
- HS-9 EXPOSURE POINT AREA/DESIGNATION

NEW BEDFORD HIGH SCHOOL RAM PLAN

NEW BEDFORD, MASSACHUSETTS

NEW BEDFORD HIGH SCHOOL
EXPOSURE POINT AREAS AND SAMPLE LOCATION MAP

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

FIGURE 2

DRAWN BY: HWB
CHECKED BY: DNP
DATE: AUG 10, 2010

FILE: T:\E_CAD\115058\NBHS RAM PLAN 8-10-10.dwg

APPENDIX A

REMEDIATION DRAWINGS AND DETAILS

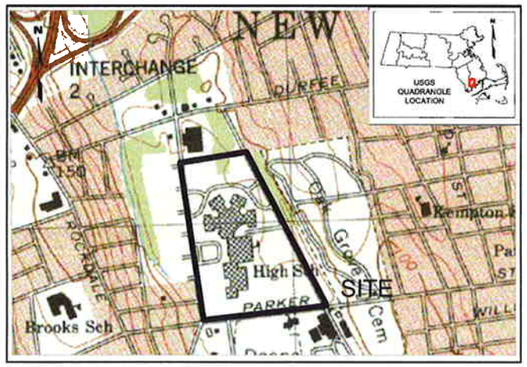
RAM PLAN DESIGN - DRAFT
NEW BEDFORD HIGH SCHOOL
EXTERIOR REMEDY

JANUARY 2011

City of New Bedford
New Bedford, Massachusetts

Index of Drawings

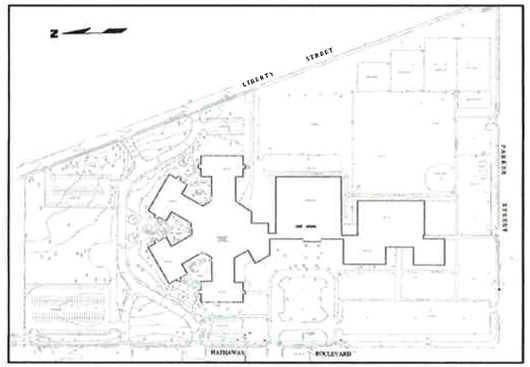
Drawing No.	Drawing Title
T-100	Title Sheet
C-100	Existing Conditions
C-101	Excavation Overview
C-101A	Extent of Excavations



Locus Plan

GRAPHIC SCALE
NTS

Base map is a portion of the following 7.5' USGS Topographic Quadrangle:
New Bedford North, MA, 1979



Site Plan

GRAPHIC SCALE
NTS

Index of Drawings

Drawing No.	Drawing Title
C-101B	Extent of Excavations
C-101C	Extent of Excavations
C-102	Cover Design
C-103	Typical Details

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE: _____

MA PROFESSIONAL ENGINEER:

LIC. # _____

Prepared by:

TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	DESIGN SUPERVISOR / PROJECT ENGINEER
1	1-26-11	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL	D.T. / A.C.H.
0	12-13-09	A.H.	CONCEPTUAL DESIGN SUBMITTAL	M.P. / A.C.H.

DRAWING TITLE: TITLE SHEET

DRAWN BY	CHECKED BY	PROJECT ENGINEER
D.F.	A.C.H.	M.P.	A.C.H.
ISSUE DATE: JUN. 2009	SUPERVISOR: M.P.	

PROJECT TITLE: RAM PLAN DESIGN - DRAFT NBHS EXTERIOR REMEDY

SCALE: NTS

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO.: T-100 (1)

LEGEND

- ELECTRICAL MANHOLE
- ELECTRICAL HANDHOLD
- WATER MANHOLE WITH CONCRETE PAD
- WATER MANHOLE WITH CONCRETE PAD
- DRAINAGE MANHOLE
- EXISTING GROUND SURFACE CONTOUR 1 FOOT INTERVAL
- CATCH BASIN
- FIRE HYDRANT
- LIGHT POLE
- ELECTRICAL POLE
- BUILDING
- CLEAN OUT
- PROPERTY LINE
- CHAIN LINK FENCE
- SIGN
- TREE WITH DIAMETER
- VERTICAL GRANITE CURB / VERTICAL CONCRETE CURB
- TELEPHONE MANHOLE
- EDGE OF PAVEMENT
- HANDICAP RAMP
- ELECTRICAL LINE
- SEWER LINE
- DRAIN LINE
- FLOW DIRECTION PIPE DIAMETER/TYPE
- METAL PIPE / CLAY PIPE / REINFORCED CONCRETE PIPE
- COMMUNICATION LINE
- OVERHEAD WIRE
- GAS LINE (IF INDICATED, HIGH PRESSURE GAS LINE WITH DIAMETER)
- RIM ELEVATION / INVERT ELEVATION / SUMP ELEVATION
- TELEPHONE LINE
- WATER LINE
- FIRE SERVICE LINE WITH DIAMETER
- MANHOLE/CURB INLET
- CONCRETE PLANTERS WITH PLANT
- CONCRETE PLANTER

NOTES

1. BASE MAP PROVIDED BY LAND PLANNING, INC., 115 MAIN STREET, HANSON, MA, DATED DECEMBER 22, 2008.
2. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE. ANY EXCAVATION WORK REQUIRES THE NOTIFICATION OF DIGSAFE (1-888-344-7233) AND OTHER MEANS OF FIELD LOCATION FOR AREAS BEYOND THE SCOPE OF DIGSAFE.
3. THE EXCAVATION AREAS SHOWN ARE APPROXIMATE AND REFLECT THE MODELING OF SUBSURFACE CONDITIONS AS OF DECEMBER 2008. AREAS AND/OR LOCATIONS OF EXCAVATION MAY CHANGE.
4. PORTION OF PROPERTY IN SOUTHEASTERN CORNER (NOT SHOWN) HAS BEEN DETERMINED TO NOT REQUIRE REMEDIAL ACTION AT THIS TIME.

GRAPHIC SCALE

60' 0 30' 60' 120'

1"=60'

MAP 70 LOT 1
MAP 75 LOT 12
MAP 69 LOTS 345 & 480

PARKER STREET

HATHAWAY BOULEVARD

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE

MA PROFESSIONAL ENGINEER:

LIC. #

Prepared by:

TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	
1	1-09-09	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL	D.T. / A.C.H.
0	12-19-08	A.H.	CONCEPTUAL DESIGN SUBMITTAL	M.P. / A.C.H.

DESIGN SUPERVISOR: D.F.
PROJECT ENGINEER: A.C.H.

DRAWING TITLE: EXISTING CONDITIONS

DRAWN BY: A.C.H. | CHECKED BY: D.T. | PROJECT ENGINEER: A.C.H.
START DATE: JUN. 2009 | SUPERVISION: D.T.

PROJECT TITLE: RAM PLAN DESIGN - DRAFT
NBHS
EXTERIOR REMEDY

SCALE: 1" = 60'

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO.: C-100

1

LEGEND

ELECTRICAL MANHOLE
ELECTRICAL HANDHOLD
WATER MANHOLE WITH CONCRETE PAD
WATER MANHOLE WITH CONCRETE PAD
DRAINAGE MANHOLE
EXISTING GROUND SURFACE CONTOUR 1 FOOT INTERVAL
CATCH BASIN
FIRE HYDRANT
LIGHT POLE
ELECTRICAL POLE
BUILDING

CLEAN OUT
PROPERTY LINE
CHAIN LINK FENCE
SIGN
TREE WITH DIAMETER
VERTICAL GRANITE CURB
VERTICAL CONCRETE CURB
TELEPHONE MANHOLE
EDGE OF PAVEMENT
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DRAIN LINE
FLOW DIRECTION
PIPE DIAMETER/TYPE
METAL PIPE
CLAY PIPE
REINFORCED CONCRETE PIPE
COMMUNICATION LINE
OVERHEAD WIRE
GAS LINE
IF INDICATED, HIGH PRESSURE GAS LINE WITH DIAMETER
RIM ELEVATION
INVERT ELEVATION
SUMP ELEVATION
TELEPHONE LINE
WATER LINE
FIRE SERVICE LINE WITH DIAMETER
MANHOLE/CURB INLET

GRAPHIC SCALE
60' 0 30' 60' 120'
1"=60'

MAP 70 LOT 1
MAP 75 LOT 12
MAP 69 LOTS 345 & 480

AREAS TO BE GRADED IN SUPPORT OF EXCAVATION

AREAS TO BE EXCAVATED

SEE SHEET C-104C
SB-360

SEE SHEET C-104B
SS-36

SEE SHEET C-104C
SB-270

SEE SHEET C-104C
SB-308

SEE SHEET C-104A
SS-32

SEE SHEET C-104B
HH-13

SEE SHEET C-104A
HF-40

SEE SHEET C-104A
HE-44 & HF-43

SEE SHEET C-104B
HA-19

HB-23 & HC-22
SEE SHEET C-104B

HD-19 & HD-20 & HD-21

HB-39 & HB-40
SEE SHEET C-104B

HOUSE #4
HOUSE #3
HOUSE #2
HOUSE #1
CREATIVE ARTS
HIGH SCHOOL
BOY'S GYM
SCIENCE CENTER INSTRUCTIONAL MATERIALS FOOD SERVICE
TENNIS COURTS
VOLLEYBALL COURTS
PLAYFIELD
PARKING LOT
BLDG.
AREA ALREADY EXCAVATED
NEW BEDFORD HIGH SCHOOL SIGN

PARKER STREET
HATHAWAY BOULEVARD

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING
DATE: _____ SIGNATURE _____
MA PROFESSIONAL ENGINEER:
LIC. # _____

Prepared by:
TRC

Prepared for:
The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	DESIGN SUPERVISOR	PROJECT ENGINEER
1	1-29-10	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL	D.T.	A.C.H.
0	12-18-09	A.H.	CONCEPTUAL DESIGN SUBMITTAL	M.P.	A.C.H.

DRAWING TITLE: EXCAVATION OVERVIEW

INITIATOR	DRAWN BY	CHECKED BY	PROJECT ENGINEER
D.F.	A.C.H.	D.T.	A.C.H.
START DATE: JUN. 2009	SUPERVISOR: D.T.		

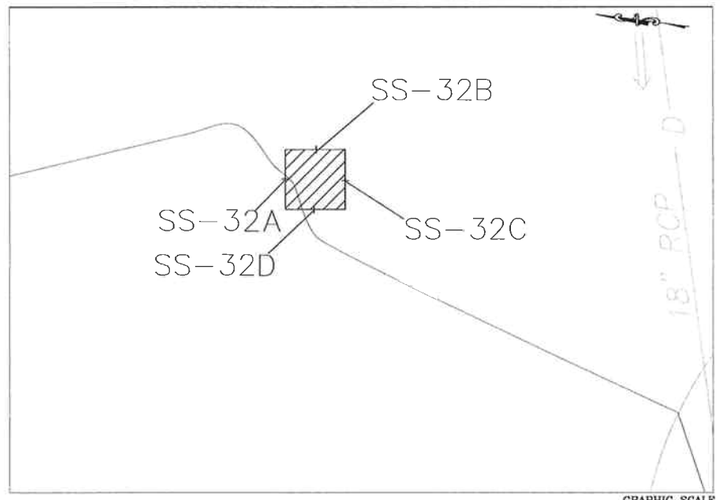
PROJECT TITLE: RAM PLAN DESIGN - DRAFT
NBHS
EXTERIOR REMEDY

SCALE: 1" = 60'

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO.: C-101

1



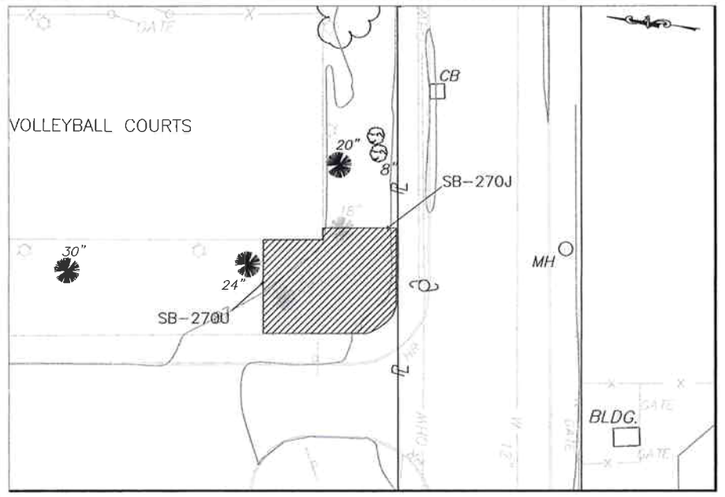
SS-32

GRAPHIC SCALE 0 10' 1" = 10'

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 66.4 sf
3. Volume = 7 cy

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



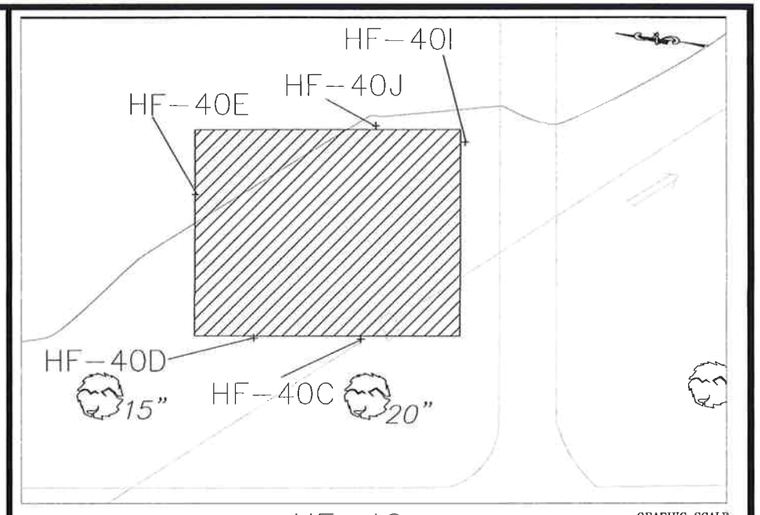
SB-270

GRAPHIC SCALE 0 20' 1" = 20'

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 964 sf
3. Volume = 107 cy

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



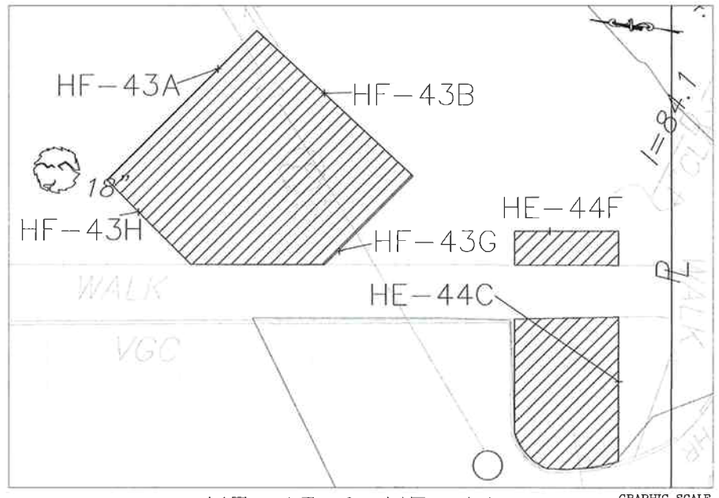
HF-40

GRAPHIC SCALE 0 10' 1" = 10'

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 1,011 sf
3. Volume = 112 cy

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



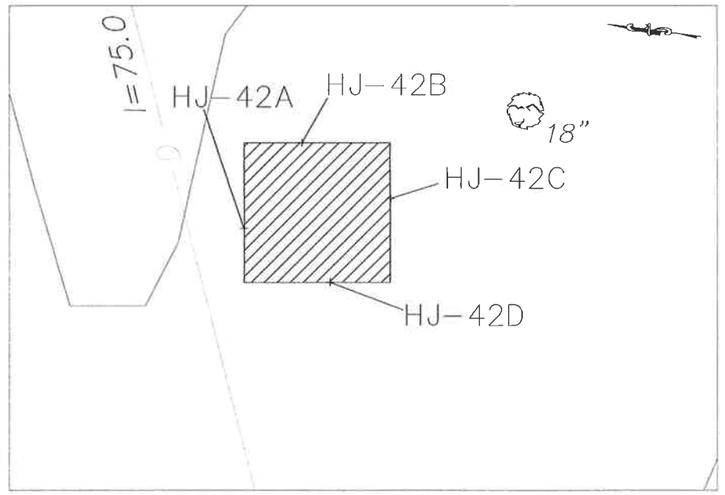
HF-43 & HE-44

GRAPHIC SCALE 0 20' 1" = 20'

Notes:

1. Depth of Excavation = 3 ft bgs
2. HF-43 Area = 810 sf; HE-44 Area = 412 sf
3. Volume HF-43 & HE-44 = 136 cy

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



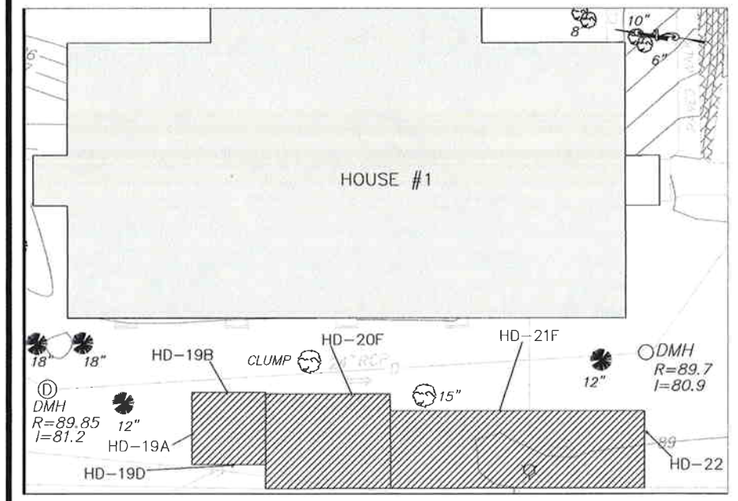
HJ-42

GRAPHIC SCALE 0 10' 1" = 10'

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 377 sf
3. Volume = 42 cy

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



HD-19, HD-20 & HD-21

GRAPHIC SCALE 0 20' 1" = 20'

Notes:

1. Depth of Excavation = 3 ft bgs
2. HD-19 Area = 394 sf; HD-20 Area = 859 sf; HD-21 Area = 1,430 sf
3. Volume HD-19, HD-20 & HD-21 = 298 cy

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE

MA PROFESSIONAL ENGINEER:

LIC. # [illegible]

Prepared by:

TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	DESIGN SUPERVISOR / PROJECT ENGINEER
1	[illegible]	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL	D.T. / A.C.H.
0	[illegible]	A.H.	CONCEPTUAL DESIGN SUBMITTAL	M.P. / A.C.H.

DRAWING TITLE: EXTENT OF EXCAVATIONS

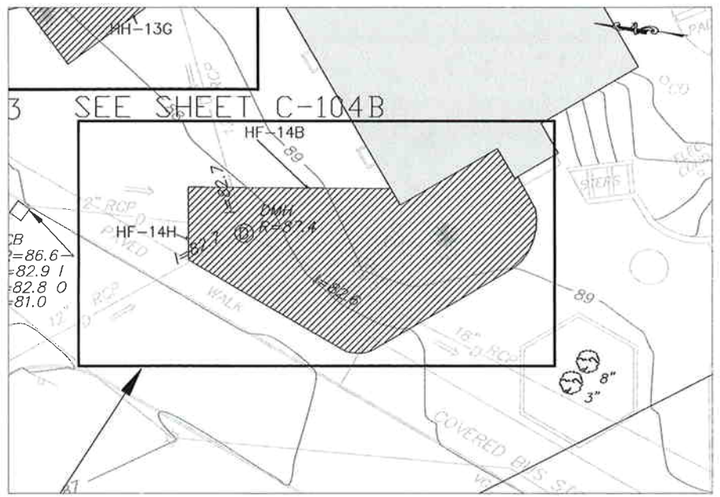
DRAWN BY	CHECKED BY	PROJECT ENGINEER
D.F.	A.C.H.	D.T. / A.C.H.

SCALE: NTS

PROJECT TITLE: RAM PLAN DESIGN - DRAFT
NBHS
EXTERIOR REMEDY

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO. C-101A 1



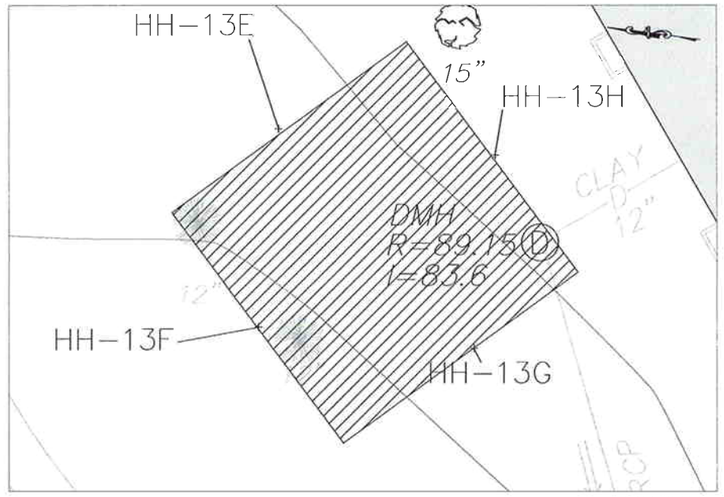
HF-14

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 3,174 sf
3. Volume = 353 cy

GRAPHIC SCALE
0 20'
1" = 20'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



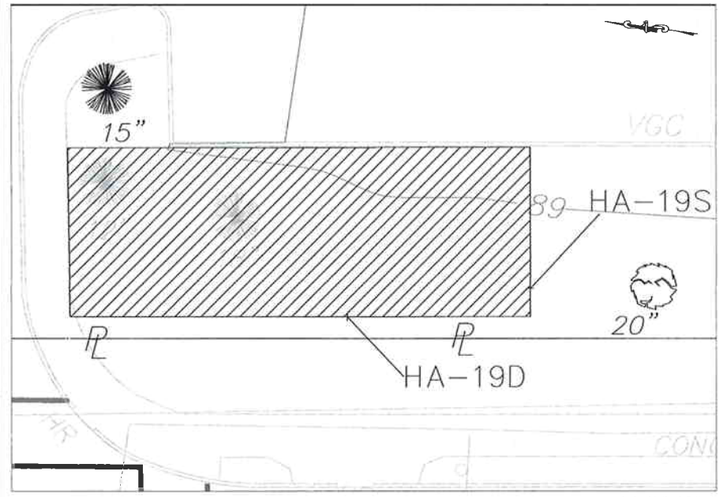
HH-13

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 1,540.5 sf
3. Volume = 171 cy

GRAPHIC SCALE
0 10'
1" = 10'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



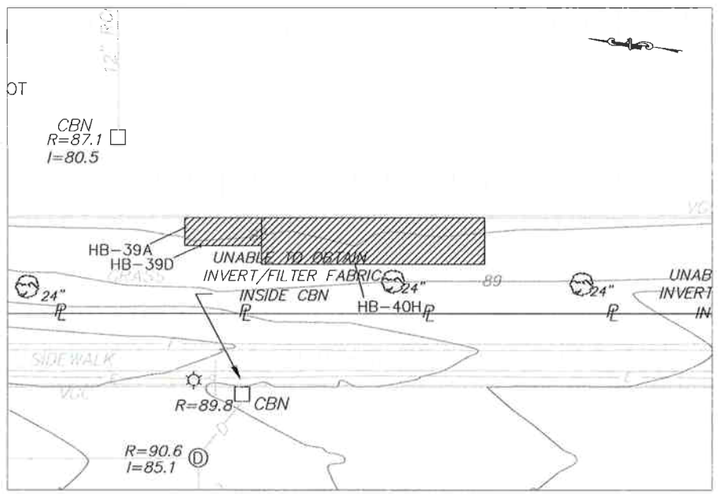
HA-19

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 1,441 sf
3. Volume = 160 cy

GRAPHIC SCALE
0 10'
1" = 10'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



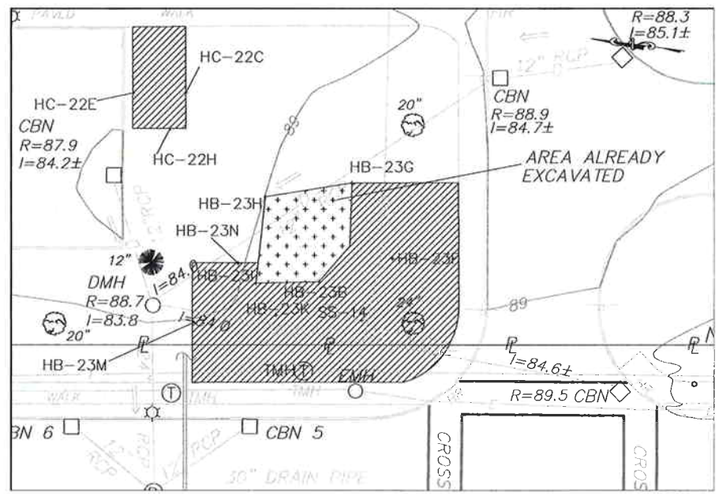
HB-39 & HB-40

Notes:

1. Depth of Excavation = 3 ft bgs
2. HB-39 Area = 156 sf; HB-40 Area = 767 sf
3. Volume HB-39 & HB-40 = 103 cy

GRAPHIC SCALE
0 20'
1" = 20'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



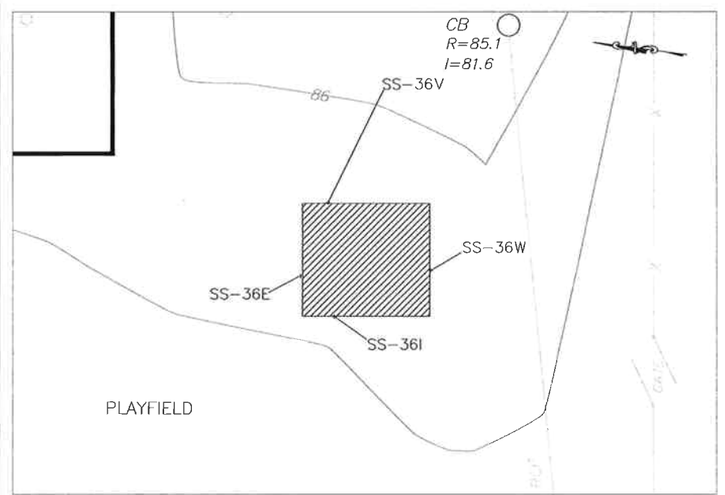
HB-23 & HC-22

Notes:

1. Depth of Excavation = 3 ft bgs
2. HB-23 Area = 2826 sf; HC-22 Area = 384 sf
3. Volume HB-23 & HC-22 = 357 cy

GRAPHIC SCALE
0 20'
1" = 20'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



SS-36

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 1,061 sf
3. Volume = 118 cy

GRAPHIC SCALE
0 20'
1" = 20'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE _____

MA PROFESSIONAL ENGINEER:

LIC. # L 10

Prepared by:

TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION
1	[illegible]	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL
0	[illegible]	A.H.	CONCEPTUAL DESIGN SUBMITTAL

D.T. A.C.H. M.P. A.C.H.

DESIGN SUPERVISOR
PROJECT ENGINEER

DRAWING TITLE: EXTENT OF EXCAVATIONS

DRAWN BY	CHECKED BY	PROJECT ENGINEER
D.F.	A.C.H.	D.T.	A.C.H.

ISSUE DATE: JUN. 2009
SUPERVISOR: D.T.

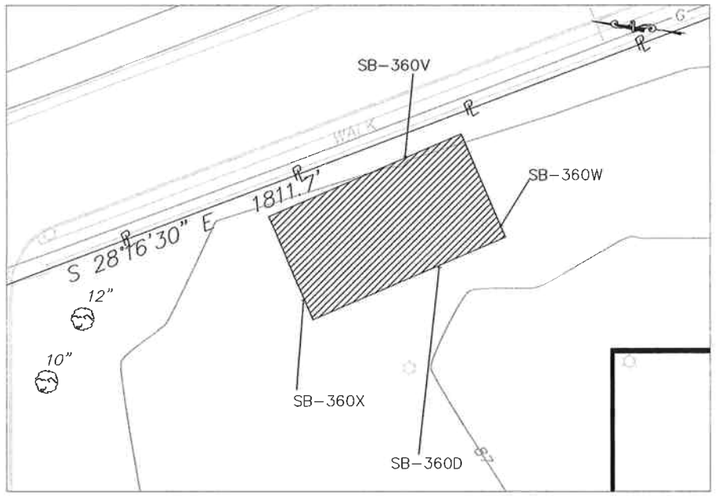
PROJECT TITLE: RAM PLAN DESIGN - DRAFT
NBHS
EXTERIOR REMEDY

SCALE: NTS

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO. C-101B

1



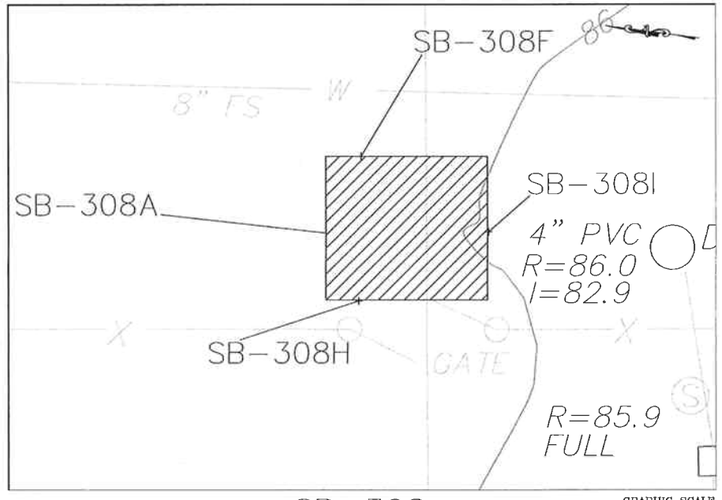
SB-360

Notes:

1. Depth of Excavation = 3 ft bgs
2. Area = 1,738 sf
3. Volume = 193 cy

GRAPHIC SCALE
0 20'
1" = 20'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES



SB-308

Notes:

1. Depth of Excavation = 5 ft bgs
2. Area = 429 sf
3. Volume = 79 cy

GRAPHIC SCALE
0 10'
1" = 10'

SEE SHEET C-101 FOR LEGEND AND GENERAL NOTES

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE _____

MA PROFESSIONAL ENGINEER: _____

LIC. # L 1 C

Prepared by:

TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	DESIGN SUPERVISOR / PROJECT ENGINEER
1	1-09-11	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL	D.T. / A.C.H.
0	12-18-09	A.H.	CONCEPTUAL DESIGN SUBMITTAL	M.P. / A.C.H.

DRAWING TITLE: EXTENT OF EXCAVATIONS

DRAWN BY	DESIGN BY	CHECKED BY	PROJECT ENGINEER
D.F.	A.C.H.	D.T.	A.C.H.

START DATE: JUN. 2009 — SUPERVISOR: D.T.

PROJECT TITLE: RAM PLAN DESIGN - DRAFT
NBHS
EXTERIOR REMEDY

SCALE: NTS

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO.: C-101C

1

LEGEND

- ELECTRICAL MANHOLE
- ELECTRICAL HANDHOLD
- WATER MANHOLE WITH CONCRETE PAD
- WATER MANHOLE WITH CONCRETE PAD
- DRAINAGE MANHOLE
- EXISTING GROUND SURFACE CONTOUR 1 FOOT INTERVAL
- CATCH BASIN
- FIRE HYDRANT
- LIGHT POLE
- ELECTRICAL POLE
- BUILDING
- CLEAN OUT
- PROPERTY LINE
- CHAIN LINK FENCE
- SIGN
- TREE WITH DIAMETER
- VERTICAL GRANITE CURB / VERTICAL CONCRETE CURB
- TELEPHONE MANHOLE
- EDGE OF PAVEMENT
- HANDICAP RAMP
- PROPOSED FINIAL CONTOUR WITH ELEVATION
- ELECTRICAL LINE
- SEWER LINE
- DRAIN LINE
- FLOW DIRECTION PIPE DIAMETER/TYPE
- METAL PIPE / CLAY PIPE / REINFORCED CONCRETE PIPE
- COMMUNICATION LINE
- OVERHEAD WIRE
- GAS LINE (IF INDICATED, HIGH PRESSURE GAS LINE WITH DIAMETER)
- R=86.3 RIM ELEVATION; I=83.1 INVERT ELEVATION; S=81.0 SUMP ELEVATION
- TELEPHONE LINE
- WATER LINE
- FIRE SERVICE LINE WITH DIAMETER
- MANHOLE/CURB INLET

NOTES

1. ALL EXCAVATION AREAS TO BE RESTORED TO PRE-EXISTING GRADES AND SURFACE CONDITIONS.
2. TOTAL VOLUME TO BE EXCAVATED 6,661 CY.

GRAPHIC SCALE

60' 0 30' 60' 120'

1"=60'

AREA TO BE PAVED

AREA TO BE EXCAVATED IN SUPPORT OF PAVING

AREAS TO BE EXCAVATED IN SUPPORT OF PAVING

MAP 70 LOT 1
MAP 75 LOT 12
MAP 69 LOTS 345 & 480

HIGH SCHOOL

PARKER STREET

HATHAWAY BOULEVARD

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE

MA PROFESSIONAL ENGINEER: _____

LIC. # _____

Prepared by: TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION
1	1-08-09	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL
0	12-08-08	A.H.	CONCEPTUAL DESIGN SUBMITTAL

DESIGN SUPERVISOR: B.T.
PROJECT ENGINEER: A.C.H. / M.P. / A.C.H.

DRAWING TITLE: EXTENT OF PAVED AREAS

DRAWN BY: D.F. | CHECKED BY: A.C.H. | SUPERVISOR: D.T. | PROJECT ENGINEER: A.C.H. | STARE DATE: JUN. 2009

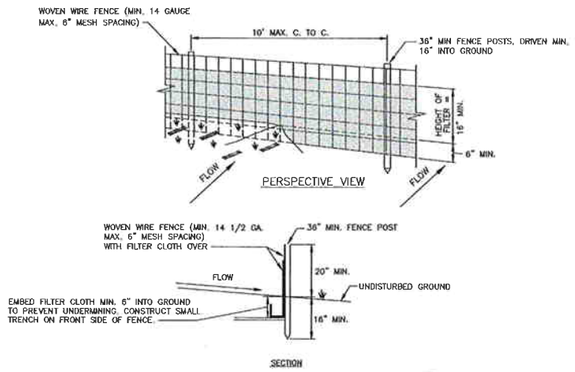
PROJECT TITLE: RAM PLAN DESIGN - DRAFT NBHS EXTERIOR REMEDY

SCALE: 1" = 60'

PREPARED FOR: City of New Bedford, 133 WILLIAM STREET, NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO.: C-102

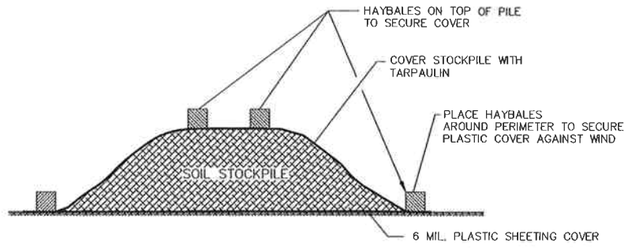
1



SILT FENCE

NTS

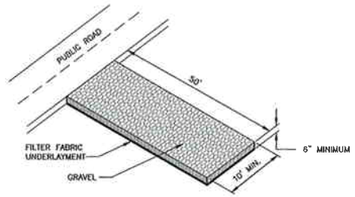
1



STRAW BALE AND SILT FENCE BARRIER

NTS

2



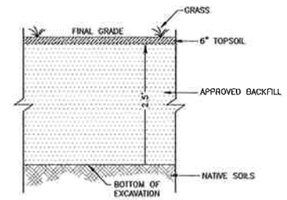
NOTES:

1. THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS ROAD OR 10 FEET, WHICHEVER IS GREATER.
2. IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6 TO 8 INCHES HIGH WITH 3:1 SIDE SLOPES, ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD.
3. IF THE SITE CONDITIONS ARE SUCH THAT THE MAJORITY OF MUD IS NOT REMOVED FROM THE VEHICLE TIRES BY THE GRAVEL PAD, THEN THE TIRES SHALL BE WASHED BEFORE THE VEHICLE LEAVES THE SITE. WASH WATER SHALL BE DIRECTED INTO A SEDIMENT TRAP OR OTHER APPROVED SEDIMENT TRAPPING DEVICE.
4. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE.
5. REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROAD IMMEDIATELY.

CONSTRUCTION ENTRANCE

NTS

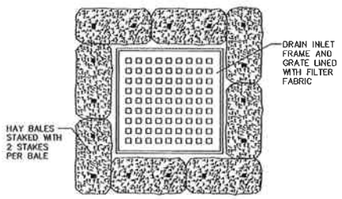
3



BACKFILL DETAIL

NTS

4



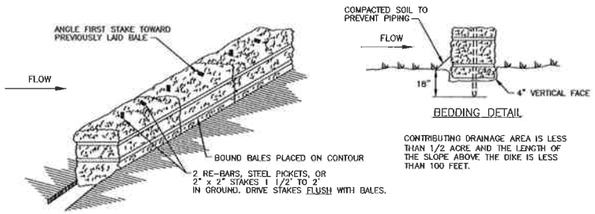
NOTES:

1. HAY BALES SHALL BE POSITIONED IN A ROW SO THAT EACH END TIGHTLY ABUTS THE ADJACENT BALE.
2. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
3. FREQUENT INSPECTIONS SHALL BE CONDUCTED AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY IF NECESSARY.
4. HAYBALES PLACED AROUND INLET STRUCTURES WITHIN PAVEMENT AREAS SHALL ONLY BE PLACED ON TOP OF THE PAVEMENT AND TIED TOGETHER TO PREVENT MOVEMENT. HAYBALES PLACED ON PAVEMENT AREAS SHALL NOT BE ANCHORED IN PLACE.

TYPICAL HAY BALE FILTER

NTS

5



ANCHORING DETAIL

BEDDING DETAIL

CONTRIBUTING DRAINAGE AREA IS LESS THAN 1/2 ACRE AND THE LENGTH OF THE SLOPE ABOVE THE DIKE IS LESS THAN 100 FEET.

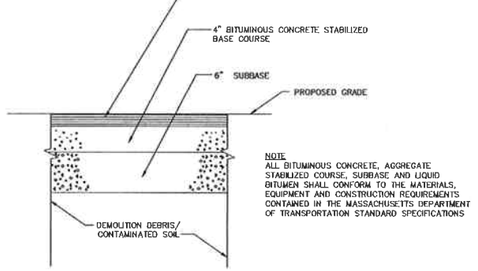
NOTES:

1. CONSTRUCT ALL EROSION AND SEDIMENT CONTROL STRUCTURES AS SPECIFIED, AND AS SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO INITIATION OF SITE CLEARING OPERATIONS.
3. PERFORM GRADING IN ACCORDANCE WITH DESIGN PLAN.

STRAW BALE DIKE

NTS

6



NOTE
ALL BITUMINOUS CONCRETE, AGGREGATE STABILIZED COURSE, SUBBASE AND LIQUID BITUMEN SHALL CONFORM TO THE MATERIALS, EQUIPMENT AND CONSTRUCTION REQUIREMENTS CONTAINED IN THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS

TYP. PAVEMENT COVER SECTION

NTS

7

ENGINEER IN RESPONSIBLE CHARGE OF THE WORK SHOWN ON THIS DRAWING

DATE: _____ SIGNATURE _____

MA PROFESSIONAL ENGINEER:

LIC. # _____

Prepared by:

TRC

Prepared for:

The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	DESIGN SUPERVISOR / PROJECT ENGINEER
1	1-28-11	A.H.	RAM PLAN DESIGN DRAFT SUBMITTAL	D.T. / A.C.H.
0	10-18-09	A.H.	CONCEPTUAL DESIGN SUBMITTAL	M.P. / A.C.H.

DRAWING TITLE: TYPICAL DETAILS

DESIGNER	DRAWN BY	CHECKED BY	PROJECT ENGINEER
D.F.	A.C.H.	D.T.	A.C.H.
START DATE: JUN. 2009	SUPERVISOR: D.T.		

PROJECT TITLE: RAM PLAN DESIGN – DRAFT
NBHS
EXTERIOR REMEDY

SCALE: NTS

PREPARED FOR: City of New Bedford
133 WILLIAM STREET NEW BEDFORD, MASSACHUSETTS 02740

DRAWING NO. C-103 (1)

APPENDIX B

SOIL MANAGEMENT PLAN

SOIL MANAGEMENT PLAN

SOIL EXCAVATION AND REMOVAL

NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

Release Tracking Number 4-15685

Prepared for:

City of New Bedford
133 William Street
New Bedford, Massachusetts 02740

Prepared by:

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854

February 2011

TABLE OF CONTENTS

TABLES

1.0 INTRODUCTION

The City of New Bedford Massachusetts (City) intends to have remediation activities (soil excavation, as needed treatment, and off-site disposal) identified in the Release Abatement Measure Plan (RAM) performed by a contractor, or other entity to perform the work (hereinafter the "Contractor") at the New Bedford High School campus (NBHS). For the purposes of this soil management plan, the Site is defined as the NBHS campus. The proposed remediation activities will be conducted pursuant to the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000) as part of a Release Abatement Measure (RAM) and will include, but may not be limited to the following:

- **Excavation** - Excavation of impacted soil that contributes to Exposure Point Concentrations (EPCs) in excess of MCP Method 1/Method 2 S-1 soil standards in the top 3 feet in landscaped areas as well as excavation of impacted soil with a benzo(a)pyrene Upper Concentration Limit (UCL) exceedance at sample location SB-308 (5 feet at SB-308).
- **Paving** - Expansion of paved surfaces in select areas to prevent direct contact exposure to impacted soil, and excavation and grading of soil in support thereof.
- **Recycling** - On-site crushing of asphalt and concrete materials generated from the removal of existing surfaces and reuse of material as construction material consistent with the Massachusetts Department of Environmental Protection (MassDEP) asphalt, brick and concrete (ABC) policy and associated Massachusetts solid waste regulations.
- **Soil Management** - Temporary soil stockpiling and stockpile management at an off-site City-owned location prior to disposal.
- **Disposal** - Off-site disposal of excavated soil at appropriately licensed facilities.
- **Restoration** - Backfilling of soil excavations with documented clean fill material screened in advance for the presence of regulated chemicals.

Areas were identified for targeted soil removal or installation/expansion of paving exposure barriers. TRC used a Method 1/Method 2 risk characterization approach to demonstrate that a Condition of No Significant Risk will exist for soil at the Site for the top 3 feet of soil in unpaved areas following soil removal in areas targeted for remediation or prevention of direct contact exposure, which was then verified using a Method 3 risk characterization approach. Ultimately, when the RAM actions have been completed and a Condition of No Significant Risk has been achieved for the top 3 feet of soils in unpaved areas, an Activity and Use Limitation (AUL) will need to be placed on the property to control certain site uses and activities and to mitigate/control potential exposure to impacted soils greater than three feet below ground surface in unpaved areas and below paved surfaces where impacted soils will be present at shallower depths.

The proposed work to be performed under this RAM will serve to expedite the achievement of a Condition of No Significant Risk.

The RAM Plan in which this Soil Management Plan (SMP) document is contained provides a summary of soil analytical data collected during investigative work and figures summarizing the sample locations and illustrating the areas of excavation.

This SMP is intended to provide the Contractor with information regarding project soil management to help ensure that soil is managed in a manner that is protective of human health, safety, public welfare and the environment, as required by the MCP. Due to the depth of most of the excavations and low potential to encounter site groundwater it is anticipated that groundwater management needs for this work are not required. A Commonwealth of Massachusetts Licensed Site Professional (LSP) has been retained by the City to oversee the soil management activities during Site remediation to ensure compliance with the applicable provisions of the MCP and related Massachusetts Department of Environmental Protection (MassDEP) policies and guidance.

1.1 Contact Information

The owner (the "Owner") of the project is:

City of New Bedford
133 William Street
New Bedford, Massachusetts 02740
Contact: Mr. Scott Alfonse
(508) 979-1487

The Owner's LSP for this project is:

David M. Sullivan, LSP, CHMM
LSP License Number: 1488
TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854
(978) 656-3565

1.2 Roles and Responsibilities

The Owner will procure the services of a Contractor to complete the remediation activities outlined in the RAM Plan. Specifically, the Contractor will furnish all labor, equipment and materials required to complete the work in accordance with the contract documents including soil excavation, stockpiling, dust control, and off-Site transportation of soil from the Site. The Contractor will also be responsible for obtaining all necessary Federal, state and local permits required for this work (e.g., Dig-Safe and other necessary permits that may be required by the City), with the exception of a Request for Determination of Applicability that will be prepared and submitted to the New Bedford Conservation Commission. If required, a full Notice of Intent (NOI) will be prepared and submitted to the New Bedford Conservation Commission.

The Contractor will not be responsible for obtaining approval from MassDEP Bureau of Waste Site Cleanup (BWSC) to implement this work. Such approval will be obtained by the LSP by submitting a RAM Plan to MassDEP describing the planned remediation activities.

The LSP and/or the LSP's designee (hereafter referred to collectively as "the LSP") will be responsible for obtaining regulatory approval on behalf of the City under the MCP to implement the proposed remediation activities. The LSP, or designee, will periodically inspect the construction activities to ensure consistency with the RAM, this SMP document and applicable MCP and MassDEP policies. Specifically, the LSP's role will include, but may not be limited to, inspection and oversight of the following activities:

- Soil excavation and grading
- Recycling and reuse of asphalt and concrete
- Soil sampling
- Stockpiling
- Loading
- Off-Site transportation
- MCP and PCB Remediation Waste related management, documentation, and decontamination activities

The LSP will also collect any samples required to characterize soil for off-Site disposal, and will procure the required laboratory analyses of these samples.

The LSP will prepare and sign MCP Bills of Lading (BOLs) and/or Material Shipping Records (MSR) required for the off-Site shipment of excavated soil from the Site. The Contractor will be responsible for preparing any Hazardous Waste Manifests, if needed, for the off-Site transportation and disposal of any soil that meets the regulatory criteria for classification as a Hazardous Waste.

In addition, in accordance with the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) standard (29 CFR 1910.120 and 1926.65), the LSP will prepare a Site-specific Health and Safety Plan (HASP) for this project for use by TRC personnel. The HASP will specify project-related health and safety procedures to be implemented, and the personal protective equipment (PPE) to be used to protect workers from exposure to impacted soil during soil excavation, treatment (where needed), and management. The Contractor will submit a separate HASP prior to initiating work and must adhere to the requirements of their HASP during performance of the work. The Contractor's employees assigned to the Site should have, at a minimum, 40-hour OSHA HAZWOPER training, and current 8-hour OSHA HAZWOPER refresher training as appropriate. The Contractor's on-Site foreman or other Contractor designated employee responsible for hazardous materials management should also have OSHA Site Supervisor Training. The Owner and/or LSP may request copies of training certificates for each of the Contractor's employees assigned to the Site.

1.3 Existing Site Conditions

The NBHS Campus is composed of the following land parcels in the City of New Bedford: map 75 block 12, map 69 block 345, and map 70 block 1. The Site is located on the north side of Parker Street between Hathaway Boulevard on the west and Liberty Street on the east, and south of the Hetland Rink Property. A site location map is provided in Figure 1.

NBHS consists of a single 529,192 square foot building (with a footprint of approximately 233,903 square feet) surrounded by paved parking areas, lawn and landscaped areas for recreational use, and paved tennis courts. Approximately 48-percent of the Site is covered by impervious surfaces (e.g., pavement or building). An ice skating rink and isolated wetland area, located along Durfee Street, exist beyond the northern boundary of the NBHS property. The NBHS building has three main sections: (1) the gym; (2) the auditorium; and (3) the "Houses". The gym is located at the southern end of the campus. The grassy area in front (west) of the gym is used for outdoor gym classes. Fenced playing fields (a volley ball court, baseball field, and basketball and tennis courts) are located to the rear (east) of the gym. To the north of the gym is the main entrance to the high school, marked by a flag pole and traffic circle. The auditorium is housed in this central portion of the NBHS building. An unfenced field, used as a practice area, is located to the rear (east) of the auditorium. Further to the north are the classrooms, arranged as a series of four "Houses" (A-Block) around a central core (B-Block). The grassy outdoor areas to the east of the "Houses" is a congregating area for students. The grassy field to the north of the "Houses", between two large parking lots, is used for gym classes by the Keith Middle School, which is located to the west of the NBHS Campus across Hathaway Boulevard.

In Massachusetts, the excavation and management of impacted soil at disposal sites is regulated by the MCP. The purpose of the MCP is "to provide for the protection of health, safety, public welfare and the environment" by instituting a uniform mechanism for identifying impacted soils and implementing appropriate response actions.

1.3.1 Release Abatement Measure (310 CMR 40.0440)

Certain remediation related excavation activities at the Site will be performed as a RAM in accordance with the provisions of the MCP at 310 CMR 40.0440. A RAM Plan will be prepared by the LSP and will be submitted to MassDEP prior to performing remediation activities. The RAM Plan will specify the planned remediation activities, identify the threat of release conditions and describe response actions. The soil management procedures outlined in Section 2.0 of this document will be implemented during the RAM. Throughout the course of the remediation activities, the LSP may also prepare RAM Status Reports for submission to MassDEP as required by the MCP.

1.3.2 Management Procedures for Remediation Waste (310 CMR 40.0030)

The MCP establishes requirements and procedures for the management of remediation waste including impacted media and debris and non-containerized waste. This section of the MCP also outlines procedures for documenting and tracking any off-Site transportation and disposal of regulated soil from a disposal site using a MCP Bill of Lading (BOL). The BOL requirements and procedures will apply to any impacted soils transported from the Site, provided the soils are

not otherwise characterized as hazardous waste pursuant to 310 CMR 30.000, the *Massachusetts Hazardous Waste Regulations*.

1.3.3 Interim Waste Management Policy for Petroleum-Impacted Soils (WSC-94-400)

This policy outlines management practices for reuse, recycling, disposal, storage and transport of petroleum-impacted soils, and presents related guidance. The policy's goals include encouraging management practices that provide for the destruction of volatile organic compounds (VOCs) or minimize the potential for migration/release of contaminants, and encouraging recycling of impacted soils (e.g., asphalt batch recycling). The policies include guidelines for testing, storage, reuse/recycling, and establish acceptance criteria at recycling facilities.

1.3.4 Reuse and Disposal of Impacted Soil at Massachusetts Landfills (COMM-97-001)

This policy outlines procedures for reuse or disposal of impacted soils at Massachusetts-permitted landfills. The policy includes guidelines for testing, transport, record keeping, reporting, and establishes acceptance criteria for lined and unlined landfills.

1.3.5 On-Site Crushing Procedures for Asphalt, Brick and Concrete Waste (310 CMR 16.00)

The Solid Waste Regulations and supporting policies establish requirements and procedures for on-site recycling of asphalt pavement, brick and concrete (i.e., the "ABC" policy"). The RAM Plan describes the planned asphalt and concrete crushing and recycling activities.

1.3.6 Bill of Lading (BWSC Forms 012A, 012B and 012C)

The BOL tracks the transportation and final disposition of Remediation Wastes generated during the performance of response actions under the MCP. BOLs may be used to record the shipment of impacted soil from the Site to a reuse, recycling and/or disposal facility approved by the Owner and LSP. BOLs will be stamped and signed by the LSP.

1.3.7 Hazardous Waste Manifest

A Hazardous Waste Manifest is a MassDEP-approved form used to track the origin, quantity, composition, transportation and final destination of hazardous waste. Hazardous Waste Manifests should be utilized for shipping of any wastes subject to the Massachusetts Hazardous Waste Regulations (310 CMR 30.000). The Contractor will prepare any Hazardous Waste Manifest required for transport of the materials from this Site. The hazardous waste disposal facility to be used for disposal of any such material will be subject to approval by the Owner and/or LSP. Other requirements apply as described in 310 CMR 30.310. It is not anticipated that the generation of hazardous waste will be a part of this project.

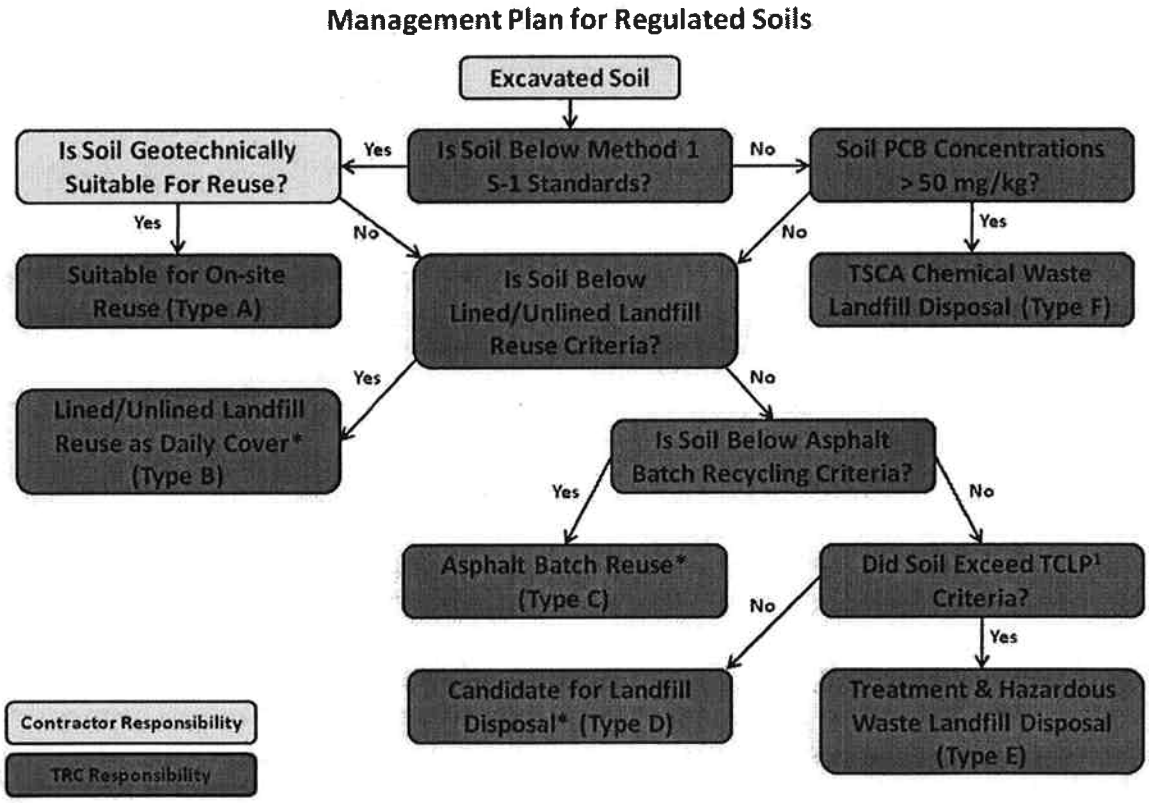
Note that the reference to MassDEP policies COMM-97-001 and WSC-94-400 does not preclude the use of out-of-state facilities that offer similar reuse (e.g., landfill daily cover) or recycling (e.g., asphalt batch) opportunities. Such opportunities may be evaluated and/or utilized on a

case-by-case basis assuming facility acceptance criteria can be met and the facility is currently within its regulatory jurisdiction for the reuse and/or recycling services provided.

2.0 EXCAVATION OVERSIGHT

TRC personnel will provide oversight during remediation activities. The soil oversight personnel will be providing clarification regarding the soil category to the Contractor using pre-characterization analytical data to ensure soil is segregated to the appropriate stockpile pending final reuse, recycling and/or disposal determinations.

Typical soil management options for a remediation project at a listed Disposal Site may include on-site reuse; offsite reuse/recycling; disposal at an approved and appropriately licensed non-hazardous waste, lined or unlined landfills; and disposal at an approved and appropriately licensed hazardous waste landfill. The determination of the reuse, recycling, or disposal option for soils from different portions of the excavation will consider physical and chemical characteristics of the soil and the reuse capacity within the construction project, as shown in the following flow diagram:



Typical soil management options for a remediation project at a listed Disposal Site may allow soil to be returned to the approximate location from which it came providing that it is chemically and geotechnically suitable for reuse as backfill, with the geotechnical suitability determined by the construction Contractor and/or project Architect/Engineer. Chemical suitability is determined by the LSP. Soil that is suitable for on-site reuse may be returned directly to the

excavation or stockpiled for later reuse at an off-site location. Soil that has been deemed unsuitable for reuse on-site will be segregated and stockpiled off-site for off-site management (off-site reuse and/or disposal).

2.1 Soil Classification

A summary of soil data compared to Massachusetts Reuse, Recycling and Disposal Criteria, for soils to be excavated only, is included in Tables 2-1 to 2-6 by exposure point area. A summary of dioxin data for soils to be excavated compared to the Universal Treatment Standards (40 CFR §268.48) is included in Table 2-6.

Soil excavated during remediation activities will be classified by the following criteria. If the criteria are not in agreement, then the classification will be made based on the highest ranked factor.

1) Pre-characterization data;
2) Physical observations of ash-bearing "fill" material; and
3) Physical observations of other anthropogenic "fill" material.

Soil at a listed Disposal Site displaced by remediation and/or construction activities may be segregated into one or more of the following classifications:

- Type A – Pre-characterized soils for reuse on-site; excess Type-A soil also suitable for off-site reuse as cover material at a lined or unlined landfill facility. On-site reuse is restricted to the location from which the soils were excavated;
- Type B – Suitable for unlined or lined landfill re-use (chemically unsuited for reuse on-site);
- Type C – Suitable for asphalt batch recycling (geotechnically unsuited for reuse on-site and/or chemically unsuited for reuse on-site or off-site);
- Type D – Non-hazardous waste landfill disposal (chemically unsuited for on or off-site reuse, and off-site recycling);
- Type E – Soil requiring segregation and off-site treatment prior to disposal as a hazardous waste; and
- Type F – Soil requiring disposal at TSCA chemical waste landfill.

The above outlined classification process is expected to produce the following five soil types:

Type A soils are eligible for on-site reuse restricted to the location from which the soils were excavated. Any on-site re-use requires prior approval of the LSP. Other excavated soils will not be reused on-site unless otherwise notified.

Type B soils have been pre-characterized as unsuitable for on-site reuse or the soil may be geotechnically unsuitable for on-site reuse as deemed by the Contractor. These soils can be transported offsite for reuse as cover material at a lined or unlined landfill facility (depending upon acceptance criteria comparisons). If these soils indicate concentrations below their

applicable off-site facility acceptance criteria, they will be segregated and transported offsite for re-use at a lined or unlined landfill facility.

Type C soils are suitable for recycling at an off-site asphalt batch facility.

Type D soils do not indicate a failure of Toxicity Characteristic Leachate Procedure (TCLP) analysis. Therefore, these soils may be segregated and transported offsite for disposal at a non-hazardous waste landfill.

Type E soils have failed TCLP analysis and will need to be segregated for off-site disposal as hazardous waste.

Type F soils contain concentrations of PCBs greater than 50 mg/kg and will need to be segregated for off-site disposal at a TSCA chemical waste landfill.

Soil type determinations will be made by the LSP following the collection of suitable characterization data.

3.0 SOIL MANAGEMENT

3.1 Off-Site Stockpile Disposition

The stockpiles off-site will be staged on polyethylene sheeting (minimum 6-mil thickness) and covered with sheeting at all times with the exception of periods when adding or removing soil to or from the piles. The stockpiles should be designed such that storm water runoff does not impact the soil and any water draining from the soil does not migrate from the polyethylene sheeting to the ground surface. The stockpiles shall be inspected and estimates of total volumes made on a daily basis. If roll-offs will be used, they will be lined with polyethylene and covered to prevent leakage and storm water accumulation. Roll-offs will be of appropriate specification to allow over the road transport of the soils stockpiled therein as a contingency. Soil will be stockpiled at a City owned location at the discretion of the City and as consistent with the MCP.

3.2 Off-Site Reuse, Recycling and/or Disposal

Excavated soil that will be transported from the off-site stockpile location will be characterized as appropriate for disposal at a suitable facility. The laboratory results of pre-characterization sampling will be used for off-site disposal characterization to the extent possible. The existing Site data will be supplemented as necessary to satisfy facility-specific acceptance criteria. The soil sample laboratory data will initially be compared against Massachusetts reuse, recycling, and disposal criteria in accordance to MassDEP Policy# COMM-97-001 and Interim Policy #WSC-94-400.

Transportation of all materials from the site will be performed using a MassDEP Bill of Lading (BOL), Material Shipping Record (MSR) or Hazardous Waste Manifest, as appropriate, and will be performed within 120 days of stockpiling in accordance with 310 CMR 40.0030 of the MCP.

3.3 Decontamination of Vehicles Transporting Soils

Soils will be removed from vehicles prior to their departure from the Site. A decontamination pad may be constructed by the Contractor prior to soil removal activities. The method of soil removal will likely be a combination of brushing the wheels to remove loose soils and/or passing vehicles through a decontamination station. Any liquids generated by vehicle decontamination will be drummed and transported off-site for disposal.

In addition, the Contractor shall be responsible for ensuring that tracking of potentially impacted soil onto public roadways is prevented.

3.4 Supplementary Stockpile Characterization

Prior to transport and disposal of stockpiled soils, soils stockpiled for disposal will be evaluated to determine whether sufficient analytical data is available to satisfy the requirements of the selected disposal or recycling facility. As deemed necessary, soil samples will be collected and analyzed according to the analytes and the sampling frequency specified by the selected disposal facility.

TABLES

TABLE 2-1
Summary of Data for Soils to be Excavated Only - Fenced Playing Field Area (HS-2)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					SS-32		
		Sample Depth (ft.):					0.5	1.5	1-3
		Sample Date:					8/7/2008	8/7/2008	3/31/2009
		Reuse Levels*		Recycling Levels**					
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant			
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	***0***	***18.76***	***1.85***
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***0.103 J***	***18.5 J***	*NA*
Metals (mg/kg)	Arsenic	40	40	30	30	30	**3.66**	**6.46**	2.77 U
	Cadmium	80	30	30	30	11	0.31 U	**2.32**	**0.44**
	Chromium	1,000	1,000	500	500	500	**12.5**	**23.0**	**3.97**
	Lead	2,000	1,000	1,000	1,000	1,000	**28.2**	**805**	**96.6**
	Mercury	10	10	10	10	3	**0.064**	**0.743**	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-2
Summary of Data for Soils to be Excavated Only - Unfenced Field Area (HS-3)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					SB-360					SB-360A	SB-360B	SB-360C		SB-360E	SB-360F
		Sample Depth (ft.):					0-1	1-3	1-3	5	8	1-3	1-3	1-3	1-3	1-3	1-3
		Sample Date:					3/4/2009	3/4/2009	3/4/2009 Field Dup	3/4/2009	3/4/2009	3/24/2009	3/24/2009	3/24/2009	3/24/2009 Field Dup	3/24/2009	3/24/2009
		Reuse Levels*		Recycling Levels**													
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant											
SVOCs	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	***2.81***	0	***0.96***	0	0	NA	NA	NA	NA	NA	NA
PCBs	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***0.797***	*0.0706 U*	*0.0632 U*	*0.0822 U*	*0.0578 U*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Metals																	
	Arsenic	40	40	30	30	30	3.09 U	**12.4**	**11.3**	**14.5**	3.45 U	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11	0.31 U	**0.59**	**0.48**	**1.21**	0.35 U	NA	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500	0.62 U	**15.9**	**39.2**	**16.6**	**4.3**	**54**	**17.2**	**12.8**	**13.2**	**21**	**74.7**
	Lead	2,000	1,000	1,000	1,000	1,000	0.93 U	**8110**	**39600**	**6870**	**5.53**	**20200**	**26700**	**350**	**422**	**8550**	**1070**
	Mercury	10	10	10	10	3	**0.261**	**0.074**	**0.044**	**0.275**	**0.016**	NA	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-2
Summary of Data for Soils to be Excavated Only - Unfenced Field Area (HS-3)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	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
							Sample Date:	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
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant												
SVOCs	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Metals	Arsenic	40	40	30	30	30		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000		**590**	**4600**	**530**	**890**	**470**	**860**	**500**	**1200**	**650**	**380**	**9800**
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-2
Summary of Data for Soils to be Excavated Only - Unfenced Field Area (HS-3)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	SS-36	SS-36		SS-36A		SS-36B		SS-36C	
							Sample Depth (ft.):	1-3	0.5	2	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	3/31/2009	8/7/2008	8/7/2008	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant										
SVOCs	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		***5.73***	0	***40.4***	NA	NA	NA	NA	NA	NA
PCBs	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*0.0733 U*	*0.0583 U*	*0.0564 U*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Metals	Arsenic	40	40	30	30	30		**21.8**	**6.97**	**23.1**	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11		**0.98**	0.30 U	**0.58**	NA	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500		**11.8**	**5.76**	**14.2**	NA	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000		NA	**17.3**	**1270**	**22.7**	**480**	**23.1**	**938**	**16.8**	**1550**
	Mercury	10	10	10	10	3		NA	**0.050**	**0.258**	NA	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-2
Summary of Data for Soils to be Excavated Only - Unfenced Field Area (HS-3)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					SS-36D			SS-36F		SS-36G		SS-36H		SS-36J	SS-36L
		Sample Depth (ft.):					0-1	1-3	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3
		Sample Date:					3/9/2009	3/9/2009	3/9/2009 Field Dup	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	3/9/2009	5/21/2009	5/21/2009
		Reuse Levels*		Recycling Levels**													
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant											
SVOCs	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Metals	Arsenic	40	40	30	30	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000	**20.4**	**2070**	**286**	**37.5**	**507**	**34.4**	**1110**	**856**	**20.8**	**2700**	**870**
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-2
Summary of Data for Soils to be Excavated Only - Unfenced Field Area (HS-3)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					SS-36N		SS-36O	SS-36R	SS-36S
		Sample Depth (ft.):					1-3	1-3	1-3	1-3	1-3
		Sample Date:					7/6/2009	7/6/2009 Field Dup	7/6/2009	7/6/2009	7/6/2009
		Reuse Levels*		Recycling Levels**							
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant					
SVOCs	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	NA	NA	NA	NA	NA
PCBs	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	*NA*	*NA*	*NA*	*NA*	*NA*
Metals	Arsenic	40	40	30	30	30	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000	**480**	**920**	**680**	**1000**	**690**
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-3
Summary of Data for Soils to be Excavated Only - Gym Area (HS-4)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HE44	HE-44B		HF43	HF43+HE44	HF-43D		HJ42	HJ42+HF31	HF31-0.5-1+2.5-3
							Sample Depth (ft.):	1.5-3	0-1	1-3	2.5-3	1.5-3	0-1	1-3	2.5-3	0.5-3	0.5-3
							Sample Date:	12/30/2004	3/31/2009	3/31/2009	12/30/2004	12/30/2004	4/1/2009	4/1/2009	12/30/2004	12/30/2004	12/30/2004
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant											
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	NA	NA	NA	***3.12***	NA	NA	NA	***25.0***	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*0.113 U*	***0.349***	***1.63***	***0.649***	*NA*	*0.0606 U*	**26.7**	***1.217***	*NA*	**2.553**
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	NA	NA	NA	**6.02**	NA	NA	NA	**17**	NA
	Cadmium	80	30	30	30	11		NA	**0.8**	**0.99**	NA	**8.59**	0.31 U	**1.21**	NA	4.92	NA
	Chromium	1,000	1,000	500	500	500		NA	NA	NA	NA	**8.67**	NA	NA	NA	**36**	NA
	Lead	2,000	1,000	1,000	1,000	1,000		NA	**990**	**292**	NA	**1,910**	**26.3**	**1460**	NA	**993**	NA
	Mercury	10	10	10	10	3		NA	NA	NA	NA	**0.243**	NA	NA	NA	**1.25**	NA

Notes:
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B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
TSCA - Toxic Substances Control Act criteria.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-3
Summary of Data for Soils to be Excavated Only - Gym Area (HS-4)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					HF-31C			HF-31D		HF35+HF40	HF40	HF-40A		
		Sample Depth (ft.):					0-1	1-3	1-3	0-1	1-3	2.5-3.5	2.5-3	0-1	1-3	1-3
		Sample Date:					4/2/2009	4/2/2009	4/2/2009 Field Dup	4/2/2009	4/2/2009	12/30/2004	12/30/2004	3/10/2009	3/10/2009	3/10/2009 Field Dup
		Reuse Levels*		Recycling Levels**												
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant										
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	NA	NA	NA	NA	NA	***21.88***	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***2.88***	***5.32***	***7.31***	***0.597***	***71.6***	*NA*	***25.466***	*0.0614 U*	***3.1***	***1.44***
Metals (mg/kg)	Arsenic	40	40	30	30	30	NA	NA	NA	NA	NA	**8.58**	NA	NA	NA	NA
	Cadmium	80	30	30	30	11	**0.29**	**0.34**	NA	**0.62**	**1.24**	**3.67**	NA	0.32 U	**1.22**	NA
	Chromium	1,000	1,000	500	500	500	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000	**31.5**	**82.9**	NA	**192**	**441**	**683**	NA	**23.2**	**449**	NA
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA	**0.403**	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
TSCA - Toxic Substances Control Act criteria.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-3
Summary of Data for Soils to be Excavated Only - Gym Area (HS-4)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					HF-40B		HF-40F	
		Sample Depth (ft.):					0-1	1-3	0-1	1-3
		Sample Date:					3/9/2009	3/9/2009	3/10/2009	3/10/2009
		Reuse Levels*		Recycling Levels**						
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant				
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***9.32***	***15.2***	***1.66***	***3.93***
Metals (mg/kg)	Arsenic	40	40	30	30	30	NA	NA	NA	NA
	Cadmium	80	30	30	30	11	**0.42**	**1.57**	0.28 U	**0.57**
	Chromium	1,000	1,000	500	500	500	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000	**90.5**	**201**	**15.2**	**770**
	Mercury	10	10	10	10	3	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
TSCA - Toxic Substances Control Act criteria.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-4
Summary of Data for Soils to be Excavated Only - Flag Pole Area (HS-5)
New Bedford High School -
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample Location:	HS-5	HS-6	SB-349	VSS-13		SS-47	SS-48	SS-49
							Sample Depth (ft.):	0-0.5	0-0.5	1	0-0.5	0.5-1	0-0.5	0-0.5	0-0.5
							Sample Date:	9/9/2004	9/9/2004	8/21/2008	7/23/2001	7/23/2001	12/2/2008	12/2/2008	12/2/2008
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant									
SVOC (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	NA	NA	***0.59***	***0.00***	***0.59***	***0.00***	***0.00***
PCBs (mg/kg)	***Total PCBs***	<2	<2	<2	<2	<2		**0.629**	**3.11**	**4.22 J**	**0.221**	**1.34**	**1.64**	0.0581 U	**0.185**
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	NA	NA	**2.92**	**6.47**	**3.48**	**3.50**	**3.98**
	Cadmium	80	30	30	30	11		NA	NA	NA	**0.59**	**1.60**	**0.60**	**0.34**	**0.72**
	Chromium	1,000	1,000	500	500	500		NA	NA	NA	**8.70**	**16**	**9.34**	**7.73**	**13.0**
	Lead	2,000	1,000	1,000	1,000	1,000		NA	NA	NA	**154**	**1,010**	**105**	**47.4**	**253**
	Mercury	10	10	10	10	3		NA	NA	NA	**0.15**	**0.57**	**0.107**	**0.096**	**0.094**

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-5
Summary of Data for Soils to be Excavated Only - House Area (HS-6)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HB23+HD23	HD19	HD19+HD20+ HD21	HD20	HD21	HD22+HC22+ HB22	HD-19C		HD-20			HD-20A	
							Sample Depth (ft.):	0.75-3	2-3	1-3	1.5-3	1-3	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
							Sample Date:	12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	12/29/2004	3/9/2009	3/9/2009	4/2/2009	4/2/2009	4/2/2009 Field Dup	5/19/2009	5/19/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant														
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		***2.75***		***295***			***52.84***	***0.43***	***1.62***	0	***12.18***	***183***	***9.87***	***20.16***
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*NA*	***18.66***	*NA*	***1.008***	***1.525***	*NA*	*0.0577 U*	***0.668***	*NA*	*NA*	*NA*	***0.105***	***10.83***
Metals (mg/kg)	Arsenic	40	40	30	30	30		**2.59**	NA	**8.19**	NA	NA	**33**	2.87 U	**14.4**	2.87 U	**34.6**	**33.6**	2.9 U	**12**
	Cadmium	80	30	30	30	11		**1.95**	NA	**6.51**	NA	NA	**4.71**	0.29 U	**1.55**	0.29 U	**2.36**	**1.71**	0.29 U	**5.3**
	Chromium	1,000	1,000	500	500	500		**21**	NA	**77**	NA	NA	**52**	**4.78**	**24.1**	**5.81**	**37.9**	**53.9**	**6.4**	**57**
	Lead	2,000	1,000	1,000	1,000	1,000		**183**	NA	**1,220**	NA	NA	**1,020**	**20.3**	**525**	**13.2**	**2760**	**4000**	**29**	**820**
	Mercury	10	10	10	10	3		**0.166**	NA	**0.62**	NA	NA	**0.401**	NA	NA	NA	NA	NA	NA	NA

Notes:
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Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-5
Summary of Data for Soils to be Excavated Only - House Area (HS-6)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HD-20B			HD-20C		HD-20D		HD-20E		HD-20G	HD-20H	HD-21		HD-21A	
							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	0-1	1-3
							Sample Date:	5/19/2009	5/19/2009	5/19/2009 Field Dup	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009 (a)	5/19/2009	5/19/2009	4/2/2009	4/2/2009	5/20/2009	5/20/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant																
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		0	0	0	0	***11.73***	0	***20.5***					***2.61***	***55.4***	0	0
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*0.0595 U*	***2.065***	***0.742***	***0.924***	*0.616 U*	***0.069***	***1.66***	***15.9***	***10.2***	*NA*	*NA*	*NA*	*NA*	***0.561***	***1.2*** *
Metals (mg/kg)	Arsenic	40	40	30	30	30		**3.1**	**22**	**86**	**3.6**	**12**	2.9 U	**14**	2.8 U	NA	**10**	**8.5**	3.29 U	**24.2**	2.8 U	**25**
	Cadmium	80	30	30	30	11		0.30 U	**3.5**	**2.8**	**0.33**	**2.7**	**0.29**	**2.9**	**1.2**	NA	**3.4**	**4.1**	**0.38**	**5.67**	0.28 U	**5.6**
	Chromium	1,000	1,000	500	500	500		**6.7**	**66**	**42**	**8.4**	**99**	**6.9**	**58**	NA	NA	NA	NA	**10.4**	**595**	**4.8**	**1300**
	Lead	2,000	1,000	1,000	1,000	1,000		**20**	**670**	**610**	**25**	**1000**	**41**	**1200**	**220**	NA	**2400**	**1100**	**88.5**	**1740**	**36**	**2200**
	Mercury	10	10	10	•10	3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
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SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-5
Summary of Data for Soils to be Excavated Only - House Area (HS-6)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HD-21B		HD-21C			HD-21D		HD-21E	HD-21G	HD-21H	HD-21K		HD-21O	HD-21S	HF14	HF-14A
							Sample Depth (ft.):	0-1	1-3	0-1	1-3	1-3	0-1	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	2-3	1-3
							Sample Date:	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009 Field Dup	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	7/6/2009	7/6/2009 Field Dup	7/6/2009	7/6/2009	12/29/2004	3/11/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant																	
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		*10.67*	*1,490*	*41.06*	*7.39*	*156*	0	*152*	0	*74.4*	*54.3*	*6.17*	*23.2*			*269*	
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*2.763*	*1.07*	*0.699* *	*0.992*	*2.77*	*2.44*	NA	NA	NA	NA	NA	NA	NA	NA	*0.720*	NA
Metals (mg/kg)	Arsenic	40	40	30	30	30		**3.0**	**34**	**4.5**	**5.7**	**24**	**3.1**	**11**	**10**	**25**	**22**	NA	NA	NA	NA	**23**	NA
	Cadmium	80	30	30	30	11		**0.50**	**2.8**	**0.72**	**1.3**	**4.4**	**0.66**	**2.3**	**2.9**	**2**	**2.1**	NA	NA	NA	NA	**12**	**3.49**
	Chromium	1,000	1,000	500	500	500		**15**	**3800**	**34**	**46**	**640**	**20**	**260**	**310**	**51**	**54**	NA	NA	NA	NA	**1,290**	**93**
	Lead	2,000	1,000	1,000	1,000	1,000		**200**	**2500**	**540**	**540**	**1800**	**110**	**470**	**1600**	**680**	**1300**	**400**	**970**	**1400**	**5100**	**650**	**459**
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.35**	NA

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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-5
Summary of Data for Soils to be Excavated Only - House Area (HS-6)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HF-14D	HF-14E			HF-14G		HF-14I	HH13	HH-13		HH-13A		HH-13B		HH-13C	
							Sample Depth (ft.):	1-3	0-1	1-3	1-3	0-1	1-3	1-3	1.5-3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	3/11/2009	3/11/2009	3/11/2009	3/11/2009 Field Dup	3/11/2009	3/11/2009	4/8/2009	12/29/2004	4/3/2009	4/3/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant																	
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A			***1.13***	***55.9***	***12.6***	0	***9.15***		***4,890***	0	***6.60***	0	0	***7.01***	***16.90***	0	***103.8***
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*NA*	*0.058 U*	***4.59***	***5.41***	***0.443***	***1.514***	*NA*	***1.21***	*NA*	*NA*	***0.104***	***1.02***	***0.833***	***0.21***	***0.142***	***0.113***
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	2.76 U	**6.37**	**2.85**	**4.82**	**10.1**	NA	**25**	NA	NA	2.94 U	**10.9**	**40**	2.97 U	2.9 U	**31.9**
	Cadmium	80	30	30	30	11		**4.26**	0.28 U	**1.31**	**0.45**	**0.4**	**2.42**	**2.39**	**4.81**	NA	NA	0.3 U	**0.63**	**2.01**	**0.37**	0.29 U	**40.6**
	Chromium	1,000	1,000	500	500	500		**857**	**6.08**	**160**	**31.4**	**11.6**	**1180**	**1250**	**1,100**	NA	NA	**4.57**	**492**	**1960**	**17.2**	**6.74**	**384**
	Lead	2,000	1,000	1,000	1,000	1,000		**1200**	**62.1**	**1020**	**552**	**54.7**	**579**	**8860**	**333**	NA	NA	**10**	**216**	**543**	**72.3**	**21.9**	**3250**
	Mercury	10	10	10	10	3		NA	**0.071**	**0.279**	**0.23**	**0.079**	**0.222**	NA	**0.38**	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
SVOCs - Semivolatile Organic Compounds.
PCBs - Polychlorinated Biphenyls.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-5
Summary of Data for Soils to be Excavated Only - House Area (HS-6)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HH-13D		SSHH-13B1		SSHH-13B2	SSHH-13B3	SSHH-13B4
							Sample Depth (ft.):	0-1	1-3	0-1	0-1	0-1	0-1	0-1
							Sample Date:	3/11/2009	3/11/2009	4/10/2009	4/10/2009	4/10/2009	4/10/2009	4/10/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant					Field Dup			
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		0	***27.3***					
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		***0.67***	***46***	*NA*	*NA*	*NA*	*NA*	*NA*
Metals (mg/kg)	Arsenic	40	40	30	30	30		2.88 U	**16.7**	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11		**0.48**	**7.47**	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500		**5.52**	**594**	**6.58**	**6.05**	**5.12**	**4.93**	**5.81**
	Lead	2,000	1,000	1,000	1,000	1,000		**18.4**	**987**	NA	NA	NA	NA	NA
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	NA	NA

Analysis	Analyte	Sample ID:	HH-13D	SSHH-13B1		SSHH-13B2	SSHH-13B3	SSHH-13B4
		Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	1-3
		Sample Date:	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009	3/11/2009
					Field Dup			
SVOCs (mg/kg)	***TOTAL SVOCs***		***27.3***		***33.1***			
PCBs (mg/kg)	***Total PCBs***		***46***	*NA*	***28.45***	*NA*	*NA*	*NA*
Metals (mg/kg)	Arsenic		**16.7**	NA	**14.5**	NA	NA	NA
	Cadmium		**7.47**	NA	**8.09**	NA	NA	NA
	Chromium		**594**	**6.58**	**496**	**6.05**	**5.12**	**4.93**
	Lead		**987**	NA	**982**	NA	NA	NA
	Mercury		NA	NA	NA	NA	NA	NA

Notes:
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
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TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HA-19	HA-19A		HA-19B		HA-19C			HA-19E	HA-19F	HA-19G
							Sample Depth (ft.):	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3
							Sample Date:	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	5/19/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant												
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		***5.06***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		***0.662***	*0.0589 U*	**5.3**	***0.13***	***0.248***	***0.113***	***0.916***	***0.681***	**2.69**	*NA*	*NA*
Metals (mg/kg)	Arsenic	40	40	30	30	30		**17.4**	2.9 U	**10**	2.8 U	**12**	2.9 U	**21**	**22**	NA	NA	NA
	Cadmium	80	30	30	30	11		**9.07**	0.29 U	**2.5**	0.28 U	**3.3**	0.29 U	**5.4**	**2.5**	**2.6**	**6.6**	**9.7**
	Chromium	1,000	1,000	500	500	500		**358**	**9.1**	**48**	**5.1**	**47**	**6.9**	**84**	**4800**	**30**	**1900**	**100**
	Lead	2,000	1,000	1,000	1,000	1,000		**1770**	**39**	**820**	**27**	**1200**	**26**	**740**	**4300**	**1600**	**3600**	**1000**
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
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TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HA-19I	HA-19K	HA-19M	HA-19O	HA-19Q	HB39	HB39+HB40	HB40
							Sample Depth (ft.):	1-3	1-3	1-3	1-3	1-3	0.5-3	0.5-3	0.5-3
							Sample Date:	7/7/2009	7/7/2009 Field Dup	7/7/2009	7/7/2009	7/7/2009	12/30/2004	12/30/2004	12/30/2004
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant									
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	NA	NA	NA	NA	NA	NA	***35.17***	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	***0.445***	*NA*	***0.693***
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	NA	NA	NA	NA	NA	NA	**5.32**	NA
	Cadmium	80	30	30	30	11		**4.1**	**4.5**	**2.9**	NA	NA	NA	NA	**6.13**	NA
	Chromium	1,000	1,000	500	500	500		NA	NA	NA	NA	NA	NA	NA	**13**	NA
	Lead	2,000	1,000	1,000	1,000	1,000		**1400**	**1700**	**1200**	**1700**	**420**	**620**	NA	**1,430**	NA
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	NA	NA	**1.25**	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
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PCBs - Polychlorinated Biphenyls.
* - MassDEP Contaminant Levels for Soil Reuse at Landfills, Policy # COMM-97-001,August 1997.
** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					HB-39		HB-39C		HB-40		HB-40A			HB-40C	
		Sample Depth (ft.):					0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3	1-3	0-1	1-3
		Sample Date:					5/20/2009	5/20/2009	6/19/2009	6/19/2009	5/20/2009	5/20/2009	6/16/2009	6/16/2009	6/16/2009 Field Dup	6/16/2009	6/16/2009
		Reuse Levels*		Recycling Levels**													
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant											
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	***6.58***	***6.76***	NA	NA	***1.06***	***31.12***	***2.55***	***9.41***	NA	***4.90***	***16.72***
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***0.119***	***2.89***	*NA*	*NA*	***0.151***	***1.071***	***0.409***	***0.816***	***1.18***	***0.139***	***0.789***
Metals (mg/kg)	Arsenic	40	40	30	30	30	**3.0**	**7.4**	**9.6**	**13**	3.0 U	**8.5**	**3.8**	**47**	**38**	**4.4**	**13**
	Cadmium	80	30	30	30	11	**0.41**	**1.0**	**1.7**	**1**	**0.35**	**1.9**	0.30 U	**8.8**	**3.3**	**0.51**	**4.4**
	Chromium	1,000	1,000	500	500	500	**9.3**	**18**	**21**	**15**	**7.9**	**29**	**9.5**	**64**	**55**	**11**	**31**
	Lead	2,000	1,000	1,000	1,000	1,000	**150**	**520**	**380**	**300**	**67**	**890**	**57**	**780**	**430**	**240**	**4900**
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
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PCBs - Polychlorinated Biphenyls.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					HB-40D		HB-40E	HB-40G	HB-40I	HB-40K	HB-40M	HB-40O	HB-40Q	HB-40S
		Sample Depth (ft.):					0-1	1-3	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	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009
		Reuse Levels*		Recycling Levels**												
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant										
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	***10.85***	***20.30***	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***0.225***	***0.443***	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Metals (mg/kg)	Arsenic	40	40	30	30	30	**5.1**	**11**	**21**	**7.4**	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11	**0.74**	**1.8**	**91**	**1.6**	**0.93**	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500	**14**	**29**	**41**	**15**	NA	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000	**370**	**820**	**880**	**530**	**470**	**1700**	**680**	**1200**	**1000**	**1800**
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
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PCBs - Polychlorinated Biphenyls.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					HC22		HC-22		HC-22A			HC-22B		HC-22D	
		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:					12/29/2004	12/29/2004	4/9/2009	4/9/2009	5/21/2009	5/21/2009	5/21/2009 Field Dup	5/21/2009	5/21/2009	5/21/2009	5/21/2009
		Reuse Levels*		Recycling Levels**													
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant											
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	NA	NA	***0.85***	***18.53***	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	***0.44***	*0.14 U*	***0.145***	***0.166***	***0.128***	***0.876***	***4.4***	***0.081***	***0.154***	***0.854***	***0.0841***
Metals (mg/kg)	Arsenic	40	40	30	30	30	NA	NA	**3.26**	**26.1**	2.9 U	**7.5**	**7.5**	2.9 U	**8.5**	3.1 U	**28**
	Cadmium	80	30	30	30	11	NA	NA	0.31 U	**2.52**	0.29 U	**1.5**	**1.8**	**0.44**	**1.6**	0.31 U	**1.7**
	Chromium	1,000	1,000	500	500	500	NA	NA	**7.99**	**28.3**	**6.4**	**40**	**31**	**6.8**	**25**	**20**	**27**
	Lead	2,000	1,000	1,000	1,000	1,000	NA	NA	**38.9**	**1090**	**29**	**520**	**640**	**36**	**1900**	**65**	**580**
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
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PCBs - Polychlorinated Biphenyls.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HC-22F	SB-270		SB-270A		SB-270B		SB-270D		SB-270E	
							Sample Depth (ft.):	1-3	1	3	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
							Sample Date:	5/21/2009	7/16/2008	7/16/2008	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant												
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	NA	***3.23***	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		*NA*	***0.498 J***	*0.0567 U*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	NA	**12.7**	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11		NA	NA	**0.48**	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500		NA	NA	**9.24**	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000		**2100**	NA	**602**	**430**	**550**	**520**	**600**	**580**	**660**	**240**	**650**
	Mercury	10	10	10	10	3		NA	NA	**0.236**	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
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PCBs - Polychlorinated Biphenyls.
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TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Sample ID:					SB-270F		SB-270H		SB-270I	SB-270K	SB-270M	SB-270Q	SS-14		HD-14A
		Sample Depth (ft.):					0-1	1-3	0-1	1-3	1-3	1-3	1-3	1-3	0-0.5	1-2	0-1
		Sample Date:					5/20/2009	5/20/2009	5/20/2009	5/20/2009	6/16/2009	6/16/2009	7/6/2009	7/6/2009	7/23/2001	7/23/2001	3/10/2009
		Reuse Levels*		Recycling Levels**													
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant											
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	***2.76***	***6.89***	**0.0791 J**
Metals (mg/kg)	Arsenic	40	40	30	30	30	NA	NA	NA	NA	NA	NA	NA	NA	**3.48**	**5.49**	NA
	Cadmium	80	30	30	30	11	NA	NA	NA	NA	NA	NA	NA	NA	**0.78**	**0.63**	NA
	Chromium	1,000	1,000	500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	**32**	**109**	NA
	Lead	2,000	1,000	1,000	1,000	1,000	**150**	**400**	**57**	**710**	**860**	**750**	**610**	**930**	**223**	**371**	NA
	Mercury	10	10	10	10	3	NA	NA	NA	NA	NA	NA	NA	NA	**0.13**	**0.65**	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
Values in **Bold** indicate the compound was detected.
Values shown in Bold and shaded type exceed one or more of the listed disposal criteria.
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TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HD-14B	HD-14C	HD-14D	HRC-33	HRC-33A	HRC-33B	HRC-33C	HRC-33D	HRC-33E
							Sample Depth (ft.):	0-1	0-1	0-1	0.67-2	0-1	0-1	0-1	0-1	0-1
							Sample Date:	3/10/2009	3/10/2009	3/10/2009	2/22/2006	2/27/2009	2/27/2009	2/27/2009	2/27/2009	2/27/2009
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant										
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		0.0545 U	**0.785 J**	**0.2423 J**	**40**	**1.935 J**	**1.478 J**	**2.525 J**	**0.995 J**	**0.2282 J**
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	NA	NA	NA	NA	NA	NA	NA	NA
	Cadmium	80	30	30	30	11		NA	NA	NA	NA	NA	NA	NA	NA	NA
	Chromium	1,000	1,000	500	500	500		NA	NA	NA	NA	NA	NA	NA	NA	NA
	Lead	2,000	1,000	1,000	1,000	1,000		NA	NA	NA	NA	NA	NA	NA	NA	NA
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
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TABLE 2-6
Summary of Data for Soils to be Excavated Only- Tree Belts Area (HS-10)
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Reuse Levels*		Recycling Levels**			Sample ID:	HRC-33F	HRC-33L	HRC-33M	HRC-33N	HRE33	SB-364	VSS-3
							Sample Depth (ft.):	0-1	0-1	0-1	0-1	0.5-3	0-1	0-0.5
							Sample Date:	2/27/2009	4/3/2009	4/3/2009	4/3/2009	2/22/2006	3/4/2009	7/23/2001
		Lined Landfills	Unlined Landfills	Hot Mix Asphalt Plant	Cold Mix Emulsion Plant	Thermal Processing Plant								
SVOCs (mg/kg)	***TOTAL SVOCs***	100	100	N/A	N/A	N/A		NA	***2.97***	***15.94***	***3.50***	NA	***0.00***	NA
PCBs (mg/kg)	***Total PCBs***	< 2	< 2	< 2	< 2	< 2		**1.035 J**	NA	NA	NA	0.22 U	0.0553 U	0.100 U
Metals (mg/kg)	Arsenic	40	40	30	30	30		NA	**4.74**	**5.19**	**4.24**	NA	3.02 U	**1.77**
	Cadmium	80	30	30	30	11		NA	**0.74**	**4.08**	**0.80**	NA	0.31 U	0.35 U
	Chromium	1,000	1,000	500	500	500		NA	**9.88**	**14.6**	**11.1**	NA	**5.14**	**5.11**
	Lead	2,000	1,000	1,000	1,000	1,000		NA	**322**	**834**	**517**	NA	**12.9**	**17**
	Mercury	10	10	10	10	3		NA	NA	NA	NA	NA	**0.040**	0.07 U

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
NA - Sample not analyzed for the listed analyte.
U - Compound was not detected at specified quantitation limit.
J - Estimated value; below quantitation limit.
B - Detected in associated laboratory method blank.
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** - MassDEP Recycling Facility Summary Levels, InterimPolicy # WSC-94-400.

TABLE 2-7
Summary of Dioxins Data for Soils to be Excavated Compared to Universal Treatment Standards
New Bedford High School
New Bedford, Massachusetts

Analysis	Analyte	Exposure Point Area:	6		4		4		8	
		Sample ID:	HF-14		HF-31D		HF-40		HG-2	
		Sample Depth (ft.):	0-1	1-3	0-1	1-3	0-1	1-3	0-1	1-3
		Sample Date:	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010
		Universal Treatment Standard								
Dioxins										
(pg/g)	1234678-HpCDD	2,500	**34.8**	**49.9**	**31.6**	**48.9**	**21.3**	**30.9**	**57.8**	**891**
	OCDD	5,000	**556**	**610**	**586**	**699**	**344**	**416**	**688**	**8380**
	1234678-HpCDF	2,500	**16.2**	**17.6**	**23.5**	**51.1**	**21.0**	**93.9**	**25.4**	**233**
	1234789-HpCDF	2,500	**0.444 J, EMPC**	**1.45 J**	**0.793 J, EMPC**	**2.06 J**	**1.65 J, EMPC**	**26.5**	**1.35 J**	**19.0**
	OCDF	5,000	**18.8**	**24.8**	**23.4**	**44.0**	**15.7**	**52.7**	**49.8**	**761**
	Total TCDD	1,000	**1.2 EMPC**	**1.75 EMPC**	**1.60 EMPC**	**6.17 EMPC**	**2.35 EMPC**	**5.45 EMPC**	**5.14 EMPC**	**34.0 EMPC**
	Total PeCDD	1,000	**3.88 EMPC**	**8.24 EMPC**	**5.42 EMPC**	**14.2 EMPC**	**3.54 EMPC**	**15.3 EMPC**	**11.8 EMPC**	**69.8 EMPC**
	Total HxCDD	1,000	**16.7 EMPC**	**28.4 EMPC**	**16.6 EMPC**	**31.0 EMPC**	**12.6 EMPC**	**24.3 EMPC**	**35.9 EMPC**	**264 EMPC**
	Total TCDF	1,000	**20.9 EMPC**	**50.4 EMPC**	**31.4 EMPC**	**78.7 EMPC**	**39.3 EMPC**	**142 EMPC**	**53.7 EMPC**	**417 EMPC**
	Total PeCDF	1,000	**26.0 EMPC**	**44.5 EMPC**	**44.3 EMPC**	**85.7 EMPC**	**44.7 EMPC**	**184 EMPC**	**47.3 EMPC**	**307 EMPC**
	Total HxCDF	1,000	**19.0 EMPC**	**33.3 EMPC**	**37.3 EMPC**	**78.2 EMPC**	**35.5 EMPC**	**254 EMPC**	**38.1 EMPC**	**375 EMPC**

Notes:

pg/g - picograms per gram (dry weight).

EMPC - Estimate Maximum Possible Concentration.

J - Estimated value.

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 Universal Treatment Standards.

Universal Treatment Standards per 40 CFR §268.48

APPENDIX C

RAM PLAN FEE DOCUMENTATION

TRC

21 Griffin Road North
Windsor, CT 06095

722993

WACHOVIA BANK, N.A.
Wilmington, DE
62-22/311

CHECK DATE

March 14, 2011

PAY

Eight Hundred and 00/100 Dollars

AMOUNT

$800.00

TO

Commonwealth Of Massachusetts
P.O. Box 4062
Department of Environmental Protection
Boston MA 02211

By _____ MP
VOID AFTER 90 DAYS
AUTHORIZED SIGNATURE

Security Check features included
Details on back

⑈722993⑈ ⑆031100225⑆ 2079950091538⑈

EMILY BUSINESS FORMS 800 392 6018 VISION

TRC

21 Griffin Road North
Windsor, CT 06095

722993

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
RAM PLAN SUBMIT FEE	3/14/11	007753305626	800.00	0.00	0.00	800.00
Commonwealth Of Massachusetts 3BANK 3 030812		Totals	800.00	0.00	0.00	800.00

APPENDIX D

MUNICIPAL NOTIFICATION LETTERS

Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCsolutions.com

April 6, 2011

TRC Reference Number: 115058.0000.0000

Marianne B. De Souza
Health Department
1213 Purchase Street, First Floor
New Bedford, Massachusetts 02740

RE: Release Abatement Measure Plan
Soil Excavation and Removal
New Bedford High School
New Bedford, Massachusetts
MassDEP RTNs 4-15685.

Dear Ms. De Souza:

On behalf of the City of New Bedford (the "City"), and pursuant to 310 CMR 40.1403 of the Massachusetts Contingency Plan (MCP), TRC Environmental Corporation (TRC) has prepared this letter to inform you of the submittal of a Release Abatement Measure Plan for the New Bedford High School Campus in New Bedford, Massachusetts.

If you have any questions concerning this document, please do not hesitate to contact David Sullivan at TRC at (978) 656-3565 or Cheryl Henlin with the Department of Environmental Stewardship, at (508) 961-4576.

Sincerely,
TRC Environmental Corporation

David M. Sullivan, LSP, CHMM
Sr. Project Manager

Cc: Cheryl Henlin, New Bedford Department of Environmental Stewardship

Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCsolutions.com

April 6, 2011

TRC Reference Number: 115058.0000.0000

Mayor Scott W. Lang
Office of the Mayor
City Hall, Room 311
New Bedford, Massachusetts 02740

RE: Release Abatement Measure Plan
Soil Excavation and Removal
New Bedford High School
New Bedford, Massachusetts
MassDEP RTNs 4-15685.

Dear Mr. Lang:

On behalf of the City of New Bedford (the "City"), and pursuant to 310 CMR 40.1403 of the Massachusetts Contingency Plan (MCP), TRC Environmental Corporation (TRC) has prepared this letter to inform you of the submittal of a Release Abatement Measure Plan for the New Bedford High School Campus in New Bedford, Massachusetts.

If you have any questions concerning this document, please do not hesitate to contact David Sullivan at TRC at (978) 656-3565 or Cheryl Henlin with the Department of Environmental Stewardship, at (508) 961-4576.

Sincerely,
TRC Environmental Corporation

David M. Sullivan, LSP, CHMM
Sr. Project Manager

Cc: Cheryl Henlin, New Bedford Department of Environmental Stewardship