

Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCsolutions.com

TRC Project Number: 115058

September 26, 2008

Massachusetts Department of Environmental Protection
Southeast Regional Office
20 Riverside Drive
Lakeville, Massachusetts 02347

RE: Immediate Response Action (IRA) Completion Report and Imminent Hazard Evaluation – Arsenic Contaminated Surface Soil
Walsh Field
Parker and Hunter Streets, New Bedford, Massachusetts
Release Tracking Number (RTN) 4-21407

To Whom It May Concern:

Consistent with the requirements of the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000), specifically 310 CMR 40.0427, attached please find an Immediate Response Action (IRA) Completion Report for the above-referenced IRA condition in New Bedford, Massachusetts. This submittal also includes the following Massachusetts Department of Environmental Protection (MassDEP) transmittal forms as attachments to the IRA Plan:

- BWSC-103 -- Release Notification & Notification Retraction Form
- BWSC-105 -- Immediate Response Action (IRA) Transmittal Form

If you have any questions concerning the IRA Completion Report or transmittal forms, please do not hesitate to contact me at 978-656-3565 or via e-mail at dsullivan@trcsolutions.com.

Sincerely,

David M. Sullivan, LSP, CHMM
Senior Project Manager

Attachment

cc. D. Fredette, S. Alfonse; Department of Environmental Stewardship
M. Cote, G. Martin; MassDEP Southeast Regional Office



IMMEDIATE RESPONSE ACTION COMPLETION REPORT AND IMMINENT HAZARD EVALUATION

Arsenic Contaminated Surface Soil

Walsh Field
Parker and Hunter Streets
New Bedford, Massachusetts
Release Tracking Number (RTN) 4-21407

Prepared for:

Department of Environmental Stewardship
City of New Bedford
133 William Street
New Bedford, Massachusetts 02740

Prepared by:

TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854
(978) 970-5600

September 2008

**Immediate Response Action Completion Report
and
Imminent Hazard Evaluation**

Arsenic Contaminated Surface Soil

Walsh Field
Parker and Hunter Streets
New Bedford, Massachusetts

Release Tracking Number (RTN) 4-21407

TRC Project Number: 115058

September 26, 2008

TRC Environmental Corporation (TRC) is submitting this Immediate Response Action (IRA) Completion Report to the Massachusetts Department of Environmental Protection (MassDEP) on behalf of the City of New Bedford (City). This IRA Completion Report addresses the detection of arsenic in surface soil at a portion of Walsh Field (the Site) in excess of a concentration indicating a condition that could pose an Imminent Hazard (IH) as defined in 310 CMR 40.0321(2)(b) of the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000). The potential IH condition is associated with the concentration, depth below surface, proximity to a school or residential dwelling, and accessibility of the soil samples containing arsenic above the potential IH evaluation threshold. The potential IH condition triggered a 2-hour regulatory reporting obligation to the MassDEP in accordance with 310 CMR 40.0321(2) and 310 CMR 40.0311(7). TRC reported the condition to MassDEP via telephone on July 30, 2008. MassDEP orally approved IRA assessment activities and assigned Release Tracking Number (RTN) 4-21407.

This IRA Completion Report is organized as follows: Section I (Background) briefly summarizes information on TRC's involvement with the Site and the circumstances associated with the detection of the release condition; Section II (IRA Completion Report) provides the information required for an IRA Completion Report under the MCP, specifically 310 CMR 40.0427; Section III (References) lists information sources relied upon in the preparation of this IRA Completion Report. In addition, Attachment A provides an Imminent Hazard Evaluation, Attachment B contains relevant MassDEP transmittal forms, and Attachment C summarizes the field investigation activities and data generated by TRC at the Site.

I. BACKGROUND

Introduction

In July and August 2008 TRC conducted soil sampling at Walsh Field, an outdoor athletic complex located along Parker and Hunter Streets in New Bedford, Massachusetts (see Figures 1 and 2). The work initially performed by TRC was conducted in accordance with a TRC-

prepared scope of work approved by the City for filling data gaps identified in the delineation of the disposal area impacting the New Bedford High School (NBHS) property and, potentially, other neighboring properties.

TRC's field data collection work at Walsh Field was conducted in two general phases. The first was a soil boring program conducted to support remedial planning and to address potential data gaps in work previously performed by others. This category of work was performed by TRC on July 9 through 15, and August 12, 2008. During this phase of work soil samples were found to contain concentrations of arsenic in excess of the potential IH threshold in two general locations. The second phase of work was conducted as a follow-up to the potential IH condition. This category of work, concluded on July 31, 2008 focused principally on surficial soil sampling at the Varsity and Junior Varsity baseball diamonds conducted as part of IRA Assessment Activities.

Summary of Work

TRC's environmental investigation consisted of direct push soil borings using a truck-mounted drill rig to sample soil and observe subsurface soil conditions. Drilling services and equipment were provided by New England Geotech, LLC of Jamestown, Rhode Island. Surface soil samples were also collected by TRC using hand tools as part of the IRA Assessment Activities.

TRC completed 65 soil borings and collected 116 soil samples during July and August 2008. As stated previously, soil samples were collected in order to fill data gaps relative to the extent of soil contamination found at NBHS and other properties and to investigate the nature and extent of arsenic in soil following discovery of arsenic above MassDEP potential IH threshold criteria. The following table summarizes TRC's soil sampling program. The activities of the investigation and subsequent results are summarized in TRC's *Summary of Field Investigation Activities and Analytical Data, Walsh Field, New Bedford, Massachusetts*, included herein as Attachment C.

Summary of Investigation Activities – Walsh Field						
Location	Soil Borings	Number of Soil Samples Submitted for Laboratory Analysis	Analyses ¹			
			PCBs ²	PAHs ³	MCP Metals/Hg ⁴	Arsenic Only
Walsh Field	65 ⁵	116	99	99	99	17

Notes:

¹Does not include quality control (QC) samples.

²Polychlorinated biphenyls (PCBs) as Aroclors by SW-846 Method 8082; four samples were additionally submitted for PCB homologue analysis by SW-846 Method 680.

³Polyaromatic hydrocarbons (PAHs) by SW-846 Method 8270C.

⁴Massachusetts Contingency Plan (MCP) Metals/Hg - antimony, arsenic, barium, beryllium, cadmium, chromium, lead, nickel, selenium, silver, thallium, vanadium, zinc and mercury by SW-846 Methods 6010B/7471A.

⁵Including 17 surface soil samples collected manually by TRC personnel.

Summary of Analytical Results Indicating a Potential Imminent Hazard

The results of laboratory analysis of soil samples collected from Walsh Field in July and August 2008 are summarized in Attachment C. Three soil samples collected during TRC's first phase of work (SB-234, SB-252, and SB-253) indicated concentrations in excess of the MassDEP potential IH threshold of 40 mg/kg in the top six inches of soil (310 CMR 40.0321[2][b]). Eight additional samples collected during TRC's second phase contained arsenic above the potential IH threshold: SB-252A (0-0.5 feet), SB-252B (0-0.5 feet), SB-252C (0-0.5 feet), SB-252D (0-0.5 feet), SB-253A (0-0.5 feet), SB-253B (0-0.5 feet), SB-253C (0-0.5 feet), and SB-253D (0-0.5 feet). The following table summarizes all detections of arsenic in excess of potentially applicable MassDEP regulatory criteria.

Summary of Soil Contaminants in Excess of Regulatory Criteria – Walsh Field									
Contaminant	Sample I.D.	Sample Depth (feet)	Concentration (mg/kg)*	Regulatory Criteria for Soil					
				Massachusetts Contingency Plan					IH
				S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	
Arsenic	SB-234	0.5	42.1	20	20	20	20	20	40
Arsenic	SB-236A	0-0.5	39.8	20	20	20	20	20	40
Arsenic	SB-237A	0-0.5	30.1	20	20	20	20	20	40
Arsenic	SB-252	0.5	58.5	20	20	20	20	20	40
Arsenic	SB-252A	0-0.5	274	20	20	20	20	20	40
Arsenic	SB-252B	0-0.5	69.9	20	20	20	20	20	40
Arsenic	SB-252C	0-0.5	116	20	20	20	20	20	40
Arsenic	SB-252D	0-0.5	157	20	20	20	20	20	40
Arsenic	SB-253	0.5	59.3	20	20	20	20	20	40
Arsenic	SB-253A	0-0.5	142	20	20	20	20	20	40
Arsenic	SB-253B	0-0.5	66.5	20	20	20	20	20	40
Arsenic	SB-253C	0-0.5	48.8	20	20	20	20	20	40
Arsenic	SB-253D	0-0.5	140	20	20	20	20	20	40
Arsenic	SB-261	4	28.1	20	20	20	20	20	N/A
Arsenic	SB-262	3.5	20.5	20	20	20	20	20	N/A
Arsenic	SB-264	3.5	20.2	20	20	20	20	20	N/A
Arsenic	SB-268	4.5	27.8	20	20	20	20	20	N/A

Notes:

IH – Imminent Hazard, as defined by 310 CMR 40.321(2)(b)

N/A – Not Applicable

mg/kg – milligrams per kilogram

* - Where duplicate samples were collected, the higher concentration is shown

Note that TRC also collected samples from stock-piled soil thought to have been used to create the Walsh Field baseball diamonds and the chalk used to define the base paths in an attempt to diagnose the source of the arsenic contamination. These data are summarized in Attachment C.

II. IRA COMPLETION REPORT (310 CMR 40.0424)

This IRA Completion Report is organized according to the minimum information needs set forth under 310 CMR 40.0427(4)(a) through (f) of the MCP.

(a) Description of Release, Threat of Release, Site Conditions, and Surrounding Receptors

Description of Release/Threat of Release

The potential Imminent Hazard (IH) condition was triggered at the Site on July 30, 2008 for the detection of arsenic above 40 mg/kg in surface soil (0 to 0.5 feet in depth) at the Junior Varsity and Varsity baseball diamonds at Walsh Field. TRC performed an IH evaluation on August 8, 2008, which is provided in Attachment A. At the time that the potential IH condition was triggered, four surface soil samples had been collected for each baseball diamond: SB-234 through SB-237 for the Junior Varsity field and samples SB-252 through SB-255 for the Varsity field. TRC collected these samples on July 10, 2008. TRC collected eight additional samples from the Junior Varsity field (SB-234A through SB-234D, SB-235A, SB-235B, SB-236A, and SB-237A) and nine additional samples from the Varsity field (SB-252A through SB-252D and SB-253A through SB-253E) on July 31, 2008 in order to further delineate the areas of arsenic impacted surface soil.

Site Conditions

The areas of concern are the Junior Varsity and Varsity baseball diamonds, used for practices and games during the spring baseball season. During the summer months, the areas are used, with the permission of the City, for other sporting events on a sporadic basis. The diamond areas may also be used by other teams as practice areas during the fall sport season (e.g., field hockey practice). Walsh Field, which includes the baseball diamonds and other athletic fields and facilities (e.g., track), is secured by a fence, limiting access only to those with permission to use the fields. The Varsity baseball field itself is also fenced.

Surrounding Receptors

The location where the potential IH condition was detected lies within 500 feet of residential dwellings and a school, and is located at a recreation area or park.

Groundwater categories at Walsh Field include actual or potential GW-2, depending upon proximity to occupied structures (groundwater is expected to be less than 15 feet below ground surface based on data from nearby locations), and GW-3 (applies to all groundwater throughout the state). However, groundwater impacts from contaminants associated with Walsh Field are not expected. For example, recent groundwater monitoring conducted at the Keith Middle School (KMS) in May 2008 (TRC, 2008) in three monitoring wells did not detect site contaminants above groundwater standards or MCP Reportable Concentrations (RCs).

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

Walsh Field is not located in a wetland resource area. No other documented sensitive ecological receptor areas (e.g., Areas of Critical Environmental Concern [ACECs]) are known to be located at or near the release Site.

(b) Description of any Immediate Response Actions Undertaken to Date at the Site

At the time of oral notification, MassDEP approved the following response action as an IRA (MassDEP, 2008):

- Assessment and monitoring only

See Section I (Background) and Attachment C for a description of data collection activities conducted to date by TRC. Also, an IH evaluation was initiated within 14 days of obtaining knowledge of the potential IH condition, which is provided in Attachment A. For each baseball diamond, TRC's risk assessment specialist conducted the IH calculations using an Upper Confidence Limit (UCL) on the arithmetic mean as the Exposure Point Concentration (EPC) for arsenic, but maximum detected concentrations as EPCs for other contaminants of concern such as polychlorinated biphenyl (PCBs), lead, silver, and zinc. TRC also used site-specific exposure assumptions that were more health-protective than used by MassDEP for a park visitor scenario, and default MassDEP toxicity criteria. TRC performed the IH analysis on August 8, 2008, satisfying the IH evaluation initiation timeline under the MCP. The risk assessment calculations indicate an IH exists at the Varsity Diamond, but not at the Junior Varsity Diamond.

Please see Attachment A (Imminent Hazard Evaluation Summary) for additional details.

(c) Statement of IRA Findings and Conclusions

The findings and conclusions for each exposure area are described below:

Junior Varsity Diamond. For the Junior Varsity diamond, the estimated cancer risk and noncarcinogenic hazard for the young child recreational user do not exceed the MCP risk limits for an IH of an excess lifetime cancer risk (ELCR) of 1E-05 and a hazard index (HI) of 10.

Varsity Diamond. At the Varsity diamond, the estimated cancer risk (3E-05) exceeds the MCP IH criterion, even though the HI of 7 does not exceed the MCP IH limit of 10. The IH is identified at the Varsity diamond primarily due to the ingestion of arsenic-containing surface soil.

(d) Management of Remediation Waste, Remedial Waste Water, and/or Remedial Additives

Not applicable.

(e) Ongoing Activities

The objective of this IRA was to assess and delineate the potential IH condition. This work has been completed.

In addition, the City of New Bedford has locked the circumferential fence around the Varsity field and posted "No Trespassing" signs, thus controlling potential exposures. Access to the Varsity baseball field is only allowed to maintenance personnel. Athletic and recreational activities at the Varsity baseball field have been suspended until a temporary or permanent remedy is implemented.

The potential IH condition that gave rise to the IRA is under control. The pending diagnosis, remedy, and closure of the release condition will be addressed as part of the comprehensive response actions for the KMS Site under Special Project status and in accordance with the provisions of 310 CMR 40.0800. The Site will also be linked under RTN 4-15685 and become folded into the Special Project.

Future activities planned to be implemented at the Site include the following:

- As needed delineation of the area of impacted soil to support remedial design;
- Maintenance of access limitations (locked fencing and signage).

(f) Such Other Information that the Department May Deem Appropriate and Necessary

See Attachment A for the Imminent Hazard Evaluation. See Attachment C for summary of field activities and associated data from TRC's investigation of Walsh Field.

III. REFERENCES USED TO PREPARE THIS IRA PLAN

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
TRC 2008	Letter to David Fredette, PE, City of New Bedford Department of Environmental Stewardship from David M. Sullivan, LSP, CHMM, TRC Environmental Corporation, Lowell, Massachusetts. Re: Groundwater Monitoring Results, Keith Middle School, New Bedford, Massachusetts. June 11, 2008.

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



WALSH FIELD NEW BEDFORD, MASSACHUSETTS

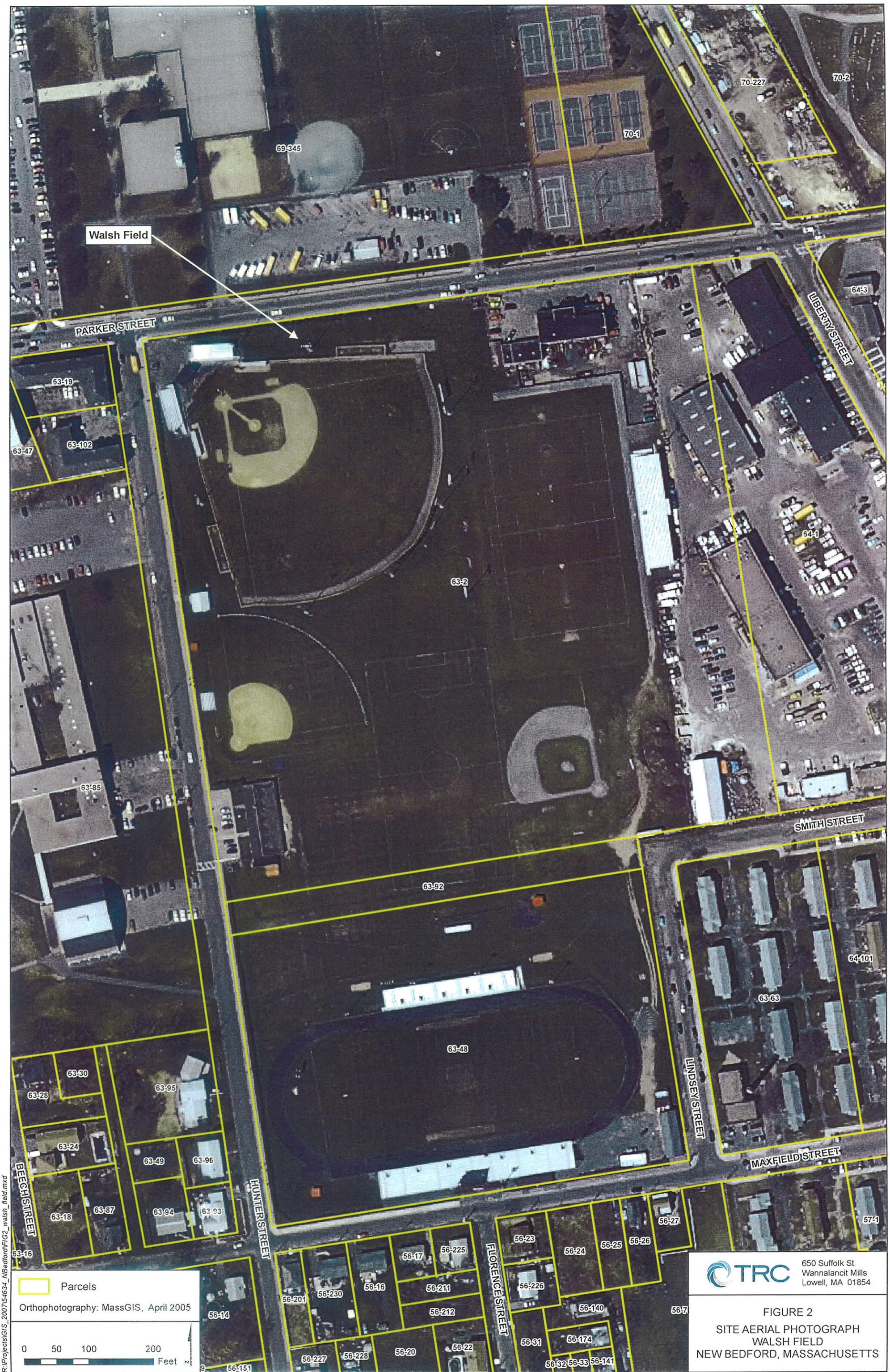
SITE LOCATION MAP



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

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

FIGURE
1



ATTACHMENT A

IMMINENT HAZARD EVALUATION

**IMMINENT HAZARD EVALUATION SUMMARY
BASEBALL DIAMOND SURFACE SOIL
WALSH FIELD
NEW BEDFORD, MASSACHUSETTS**

August 8, 2008

Due to the potential Imminent Hazard (IH) condition that was triggered at the Site on July 30, 2008 for the detection of arsenic in surface soil (0 to 0.5 feet in depth) at the Junior Varsity and Varsity baseball diamonds at Walsh Field of New Bedford High School (NBHS), an IH evaluation has been performed. At the time that the potential IH condition was triggered, four surface soil samples were available for each baseball diamond: SB-234 through SB-237 for the Junior Varsity field and SB-252 through SB-255 for the Varsity field. Samples SB-234 through SB-237 were collected on July 10, 2008, and samples SB-252 through SB-255 were collected on July 15, 2008. Further delineation of the areas of arsenic-impacted surface soil was performed on July 31, 2008, resulting in the collection of eight additional samples from the Junior Varsity Field (SB-234A through SB-234D, SB-235A, SB-235B, SB-236A, and SB-237A) and nine additional samples from the Varsity field (SB-252A through SB-252D and SB-253A through SB-253E). This IH evaluation reflects surface soil sampling conducted to date for the Junior Varsity and Varsity baseball diamonds.

Surface soil contaminants of potential concern were selected for each diamond by comparing maximum detected concentrations of polycyclic aromatic hydrocarbons (PAHs), total polychlorinated biphenyls (PCB), and metals to Massachusetts Department of Environmental Protection (MassDEP) background concentrations for natural soils. Total PCBs, arsenic, lead, silver and zinc were selected as COPCs for the Junior Varsity diamond; arsenic, lead and silver were selected as COPCs for the Varsity diamond.

The 95 percent upper confidence limit (95% UCL) on the arithmetic mean concentration has been used as the exposure point concentration (EPC) for arsenic for the IH calculation. However, maximum detected concentrations have been used as EPCs for remaining COPCs (PCBs, lead, silver, and zinc) due to small sample size.

The areas of concern are the Junior Varsity and Varsity diamonds, used for practices and games during the spring baseball season. During the summer months, the areas are used, with the permission of the city, for other sporting events on a sporadic basis. The diamond areas may also be used by other teams as practice areas during the fall sport season (e.g., for field hockey practice). Walsh Field, which houses the baseball diamonds and other athletic fields, is secured by a fence, limiting access only to those with permission to use the fields. For the purposes of this IH evaluation, exposures are assumed to occur during the sport season which consists of 3 weeks of pre-season practice, the 12-week season, and a 3-week post-season playoff time period. During this 18-week period, exposures are assumed to occur 5 days per week (4 practice days and one game day) for 4 hours per day. These values are conservative because their use assumes that: (1) no time is spent at a different field; (2) no cancellation of practice due to inclement

weather; and (3) children are at the diamond for 4 hours per day which is likely to only occur on game days since practices are for less than 4 hours each day.

To estimate exposures, a young child (age 1 to 6) was selected for evaluation because this age group may be present at the field, accompanying parents who are spectators at the practices and games. Incidental ingestion of and dermal contact with arsenic-impacted soils are assumed to occur while the young child plays at the perimeter of each diamond. The inhalation of fugitive dust generated while the older children practice or play the sport is also considered a complete exposure pathway. Older children engaging in the sport are also exposed, but a young child is evaluated as the most sensitive receptor due to their higher soil intake rate, lower body weights, and sensitive developmental stage.

Exposure assumptions applicable to the young child are consistent with those used by MassDEP in the park visitor IH short-form, adjusted to be applicable to the 18-week exposure period of concern. For the fugitive dust pathway, methods and assumptions consistent with the MassDEP Technical Update “Characterization of Risks Due to Inhalation of Particulates by Construction Workers” (July 2008) were used including a PM₁₀ of 60 ug/m³. Inhalation rates used age-specific values provided by the Environmental Protection Agency’s draft document entitled, “Metabolically-Derived Human Ventilation Rates: A Revised Approach Based Upon Oxygen Consumption Rates” (October 2006). These values represent state-of-the-art knowledge and are more conservative than values provided by MassDEP in the 1995 risk assessment guidance document.

The estimated risks and hazards for each exposure area are described below:

Junior Varsity Diamond. For the Junior Varsity diamond, the estimated cancer risk and noncarcinogenic hazard for the young child recreational user do not exceed the MCP risk limits for an IH of an excess lifetime cancer risk (ELCR) of 1E-05 and a hazard index (HI) of 10.

Varsity Diamond. At the Varsity diamond, the estimated cancer risk (3E-05) exceeds the MCP IH criterion, even though the HI of 7 does not exceed the MCP IH limit of 10. The IH is identified at the Varsity diamond primarily due to the ingestion of arsenic-containing surface soil.

Please see Tables 1 and 2 and Figures 1 and 2 for Junior Varsity and Varsity Diamond data summaries, respectively.

Table 1
Summary of Analytical Results for Soil Samples - July 2008
Walsh Field - Junior Varsity Diamond
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-234	SB-234-A	SB-234-B	SB-234-C	SB-234-D	SB-235	SB-235-A	SB-235-B	SB-236	SB-236-A	SB-237	SB-237-A
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA	0.5 7/10/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0.5 7/10/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0.5 7/10/2008	0-0.5 7/31/2008	0.5 7/10/2008	0-0.5 7/31/2008
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.448	NA	0.177 U	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.402	NA	0.177 U	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.504	NA	0.177 U	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.282	NA	0.177 U	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Chrysene	70	70	400	400	70	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.482	NA	0.177 U	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.787	NA	0.177 U	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.317	NA	0.177 U	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	0.174 U	NA	0.177 U	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.192 U	NA	NA	NA	NA	0.176 U	NA	NA	1.10	NA	0.177 U	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.216	NA	NA	NA	NA	0.176 U	NA	NA	1.05	NA	0.177 U	NA
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0570 U	NA	NA	NA	NA	0.0515 U	NA	NA	0.0514 U	NA	0.0522 U	NA
	Aroclor 1221	2	2	3	3	2	1	0.0570 U	NA	NA	NA	NA	0.0515 U	NA	NA	0.0514 U	NA	0.0522 U	NA
	Aroclor 1232	2	2	3	3	2	1	0.0570 U	NA	NA	NA	NA	0.0515 U	NA	NA	0.0514 U	NA	0.0522 U	NA
	Aroclor 1242	2	2	3	3	2	1	0.0570 U	NA	NA	NA	NA	0.0515 U	NA	NA	0.0514 U	NA	0.0522 U	NA
	Aroclor 1248	2	2	3	3	2	1	0.0570 U	NA	NA	NA	NA	0.0515 U	NA	NA	0.0514 U	NA	0.0522 U	NA
	Aroclor 1254	2	2	3	3	2	1	0.0570 U	NA	NA	NA	NA	0.0515 U	NA	NA	0.0514 U	NA	0.0522 U	NA
	Aroclor 1260	2	2	3	3	2	1	0.108 *	NA	NA	NA	NA	0.0515 U	NA	NA	0.0555 *	NA	0.0522 U	NA
	Total PCBs	2	2	3	3	2	1	0.108	NA	NA	NA	NA	0.0515 U	NA	NA	0.0555	NA	0.0522 U	NA
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	4.60 U	NA	NA	NA	NA	4.22 U	NA	NA	4.16 U	NA	4.24 U	NA
	Arsenic	20	20	20	20	20	N/A	42.1	11.2	3.88	7.86	9.32	7.07	9.20	12.3	7.24	39.8	2.75	30.1
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	32.5	NA	NA	NA	NA	26.7	NA	NA	31.8	NA	50.0	NA
	Beryllium	100	100	200	200	100	N/A	0.29 U	NA	NA	NA	NA	0.27 U	NA	NA	0.26 U	NA	0.27 U	NA
	Cadmium	2	2	30	30	2	N/A	0.82	NA	NA	NA	NA	0.34	NA	NA	0.38	NA	0.56	NA
	Chromium	30	30	200	200	30	N/A	19.9	NA	NA	NA	NA	13.9	NA	NA	22.5	NA	27.6	NA
	Lead	300	300	300	300	300	N/A	56.9	NA	NA	NA	NA	47.5	NA	NA	44.6	NA	269	NA
	Nickel	20	20	700	700	20	N/A	8.10	NA	NA	NA	NA	5.89	NA	NA	6.73	NA	6.03	NA
	Selenium	400	400	800	800	400	N/A	5.75 U	NA	NA	NA	NA	5.27 U	NA	NA	5.20 U	NA	5.30 U	NA
	Silver	100	100	200	200	100	N/A	3.16	NA	NA	NA	NA	2.48	NA	NA	2.82	NA	4.68	NA
	Thallium	8	8	60	60	8	N/A	3.45 U	NA	NA	NA	NA	3.17 U	NA	NA	3.12 U	NA	3.18 U	NA
	Vanadium	600	600	1,000	1,000	600	N/A	25.3	NA	NA	NA	NA	20.3	NA	NA	20.7	NA	11.4	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	33.7	NA	NA	NA	NA	34.6	NA	NA	31.7	NA	118	NA
	Mercury	20	20	30	30	20	N/A	0.199	NA	NA	NA	NA	0.166	NA	NA	0.189	NA	0.217	NA

Notes:

All units in mg/kg unless otherwise specified.

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

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

U - Compound was not detected at specified quantitation limit.

Values in Bold indicate the compound was detected.

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

PAHs - Polynuclear Aromatic Hydrocarbons.

Table 2
Summary of Analytical Results for Soil Samples - July 2008
Walsh Field - Varsity Diamond
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-252	SB-252-A	SB-252-B	SB-252-C	SB-252-D	SB-253	SB-253-A	SB-253-B	
		Sample Depth (ft.):		Sample Date:		0.5	0-0.5	0-0.5	7/31/2008	7/31/2008	7/31/2008	7/31/2008	7/15/2008	0-0.5	0-0.5	
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RCS-1	TSCA									
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.432	U	NA	NA	NA	0.358	U	NA	NA
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.432	U	NA	NA	NA	0.358	U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.432	U	NA	NA	NA	0.358	U	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.216	U	NA	NA	NA	0.179	U	NA	NA
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Aroclor 1254	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0507	U	NA	NA	NA	0.0512	U	NA	NA
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	4.32	U	NA	NA	NA	4.29	U	NA	NA
	Arsenic	20	20	20	20	20	N/A	58.5	274	69.9	116	157	59.3	142	66.5	
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	34.3		NA	NA	NA	31.8		NA	NA
	Beryllium	100	100	200	200	100	N/A	0.27	U	NA	NA	NA	0.27	U	NA	NA
	Cadmium	2	2	30	30	2	N/A	0.27	U	NA	NA	NA	0.27	U	NA	NA
	Chromium	30	30	200	200	30	N/A	16.9		NA	NA	NA	12.1		NA	NA
	Lead	300	300	300	300	300	N/A	28.5		NA	NA	NA	30.5		NA	NA
	Nickel	20	20	700	700	20	N/A	10.4		NA	NA	NA	7.93		NA	NA
	Selenium	400	400	800	800	400	N/A	5.40	U	NA	NA	NA	5.36	U	NA	NA
	Silver	100	100	200	200	100	N/A	5.06		NA	NA	NA	5.15		NA	NA
	Thallium	8	8	60	60	8	N/A	3.24	U	NA	NA	NA	3.22	U	NA	NA
	Vanadium	600	600	1,000	1,000	600	N/A	19.0		NA	NA	NA	18.9		NA	NA
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	33.3		NA	NA	NA	24.7		NA	NA
	Mercury	20	20	30	30	20	N/A	0.052		NA	NA	NA	0.066		NA	NA

Table 2
Summary of Analytical Results for Soil Samples - July 2008
Walsh Field - Varsity Diamond
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-253-C 0-0.5 7/31/2008	SB-253-D		SB-253-E 0-0.5 7/31/2008	SB-254 0.5 7/15/2008	SB-255 0.5 7/15/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1	TSCA		0-0.5 7/31/2008	0-0.5 7/31/2008			
									Field Dup				
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	0.180 U	0.183 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	0.180 U	0.183 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.180 U	0.183 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.654	0.325
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	0.667	0.349
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.870	0.411
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.778	0.294
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.270	0.183 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.738	0.355
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	0.360 U	0.366 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	1.08	0.599
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.180 U	0.183 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.762	0.312
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	0.180 U	0.183 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	0.180 U	0.183 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	0.820	0.344
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	1.63	0.608
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
	Aroclor 1260	2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
Total PCBs		2	2	3	3	2	1	NA	NA	NA	NA	0.0524 U	0.0506 U
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	NA	NA	NA	NA	4.32 U	4.39 U
	Arsenic	20	20	20	20	20	N/A	48.8	103	140	18.9	11.0	7.41
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	34.3	40.3
	Beryllium	100	100	200	200	100	N/A	NA	NA	NA	NA	0.27 U	0.28 U
	Cadmium	2	2	30	30	2	N/A	NA	NA	NA	NA	0.27 U	0.40
	Chromium	30	30	200	200	30	N/A	NA	NA	NA	NA	8.70	10.4
	Lead	300	300	300	300	300	N/A	NA	NA	NA	NA	109	79.6
	Nickel	20	20	700	700	20	N/A	NA	NA	NA	NA	5.29	5.08
	Selenium	400	400	800	800	400	N/A	NA	NA	NA	NA	5.39 U	5.48 U
	Silver	100	100	200	200	100	N/A	NA	NA	NA	NA	2.89	2.70
	Thallium	8	8	60	60	8	N/A	NA	NA	NA	NA	3.24 U	3.29 U
	Vanadium	600	600	1,000	1,000	600	N/A	NA	NA	NA	NA	17.6	16.8
	Zinc	2,500	2,500	3,000	3,000	2,500	N/A	NA	NA	NA	NA	33.6	52.2
	Mercury	20	20	30	30	20	N/A	NA	NA	NA	NA	0.295	0.238



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

NOTES:
ALL UNITS IN MG/KG UNLESS OTHERWISE SPECIFIED.
MG/KG - MILLIGRAMS PER KILOGRAM (DRY WEIGHT).
NA - SAMPLE NOT ANALYZED FOR THE LISTED ANALYTE.
N/A - NOT APPLICABLE.
PCBS - POLYCHLORINATED BIIPHENYLS.
RCS - REPORTABLE CONCENTRATIONS.
TSCA - TOXIC SUBSTANCES CONTROL ACT.
U - COMPOUND WAS NOT DETECTED AT SPECIFIED QUANTITATION LIMIT.

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

● SOIL BORING ● SOIL BORING THAT HAS CONCENTRATION WITH EXCEDDANCE

SAMPLE LOCATION
SAMPLE DATE
SB-236A 07/31/08 Constituent 0–0.50 SAMPLE DEPTH (DEPTH RANGE) IN FEET
BAP NA
Total PCBs NA
Arsenic 39.8
Cadmium NA
Chromium NA
Lead NA
Nickel NA

APPROXIMATE GRAPHIC SCALE
0' 30' 60' 120'

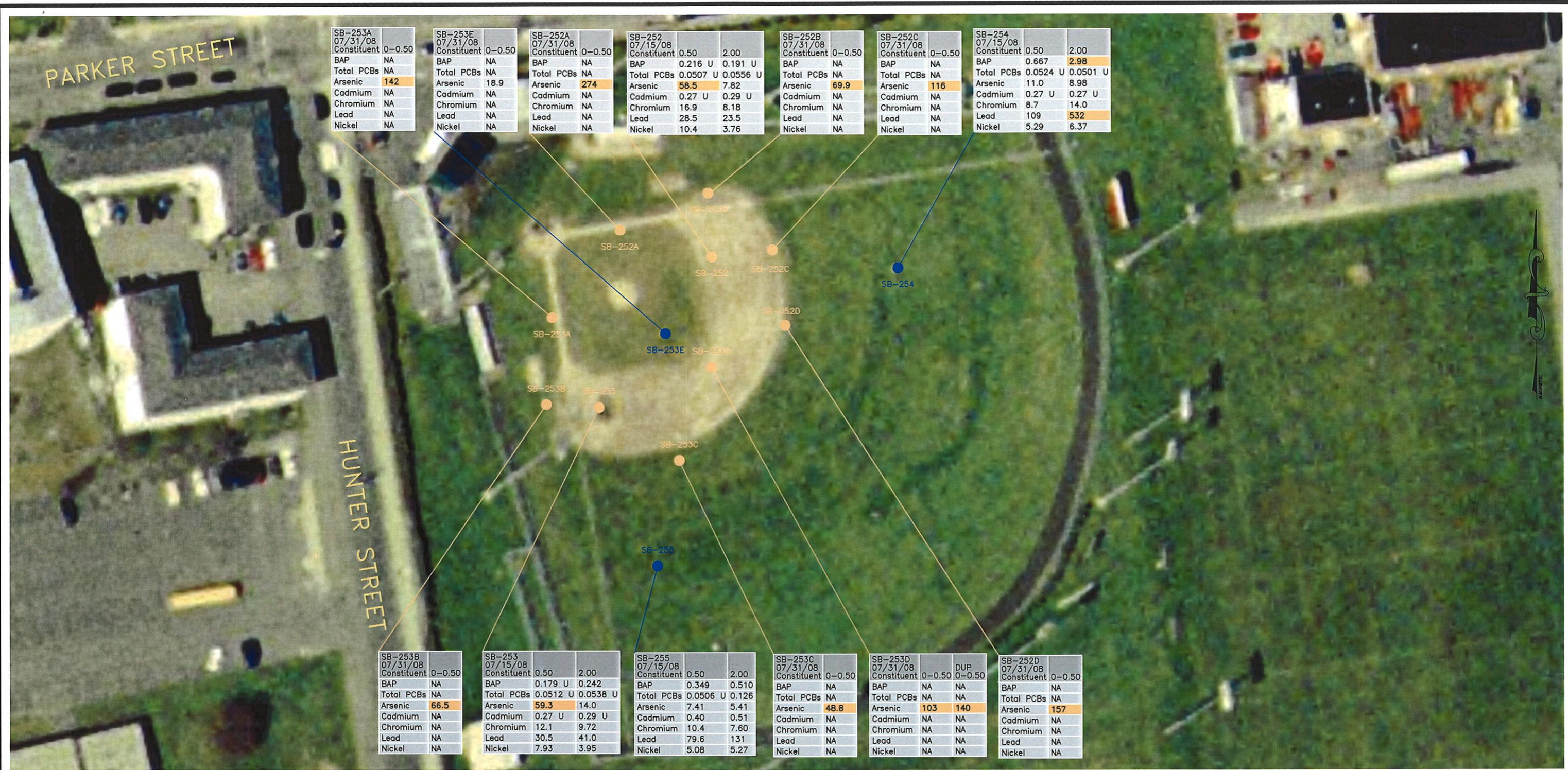
WALSH FIELD - JUNIOR VARSITY DIAMOND NEW BEDFORD, MASSACHUSETTS ANALYTICAL RESULTS SUMMARY MAP



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

FIGURE
1

DRAWN BY: PZ DATE: AUGUST 2008
CHECKED BY: DMS



SAMPLE LOCATION SAMPLE DATE	SB-255 07/15/08		SAMPLE DEPTH (DEPTH RANGE) IN FEET
	Constituent	0.50	
SB-255 07/15/08	BAP	0.349	0.510
	Total PCBs	0.0506	0.126
	Arsenic	7.41	5.41
	Cadmium	0.40	0.51
	Chromium	10.4	7.60
	Lead	79.6	131
	Nickel	5.08	5.27

APPROXIMATE GRAPHIC SCALE
0' 30' 60' 120'

WALSH FIELD - VARSITY DIAMOND NEW BEDFORD, MASSACHUSETTS

ANALYTICAL RESULTS SUMMARY MAP

	Wannalancit Mills 650 Suffolk Street Lowell, MA 01854 (978) 970-5600	FIGURE 2
DRAWN BY: PZ	DATE: AUGUST 2008	

ATTACHMENT B

**MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL
PROTECTION TRANSMITAL FORMS**

BWSC-103 Release Notification and Notification Retraction Form
BWSC-105 Immediate Response Action (IRA) Transmittal Form

ATTACHMENT C

SUMMARY OF ANALYTICAL DATA

**SUMMARY of FIELD INVESTIGATION ACTIVITIES
AND ANALYTICAL DATA**
Walsh Field
New Bedford, Massachusetts

Prepared for:

City of New Bedford
Department of Environmental Stewardship
133 William Street
New Bedford, Massachusetts 02740

Prepared by:

TRC Environmental Corporation
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854

September 2008

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SUMMARY OF WORK.....	1
3.0	SUMMARY OF ANALYTICAL RESULTS.....	5
4.0	ANALYTICAL SUPPORT AND DATA VALIDATION, EVALUATION, AND MANAGEMENT.....	7
5.0	REFERENCES	7

TABLES

- Table 1 Summary of Analytical Results for Soil Samples –2008 – Walsh Field, New Bedford, Massachusetts
- Table 2 Summary of Analytical Results for Stockpile and Chalk Samples – August 2008 –
Walsh Field, New Bedford, Massachusetts

FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Aerial Photograph
- Figure 3 Analytical Results Summary Map

1.0 INTRODUCTION

The purpose of this Draft Data Summary Report is to summarize analytical results from soil sampling conducted by TRC Environmental Corporation (TRC) in July and August 2008 at Walsh Field along Parker and Hunter Streets in New Bedford, Massachusetts (see Figures 1 and 2). Work performed by TRC was conducted in accordance with a TRC-prepared scope of work (Work Order No. 18) approved by the City of New Bedford (City). TRC prepared Work Order No. 18 to describe the scope of work and cost estimate for conducting an environmental investigation designed to address data gaps identified in the delineation of the contamination from the former City Burn Dump including the New Bedford High School (NBHS) property.

2.0 SUMMARY OF WORK

The environmental investigation consisted of direct push soil borings using a truck-mounted drill rig to sample soil and observe subsurface soil conditions. Surface soil samples were collected using hand tools. Drilling services and equipment were provided by New England Geotech, LLC of Jamestown, Rhode Island. Groundwater monitoring was not included in the scope at this time given the lack of evidence of significant impact to groundwater from former City Burn Dump-related contamination (BETA, 2006a). Soil sampling was the primary means of identifying and delineating burn dump contamination under the approved scope of work with the City.

The investigative approach was intended to evaluate the presence or absence of fill, the vertical extent of contamination, and the potential presence of contaminants of concern in soil and fill material that may be present based on documentation available to TRC and past sampling in the area. Some of the borings were advanced and samples were collected until native overburden was encountered unless refusal was encountered first. Where native material was submitted for laboratory analysis, 2 samples of native material were typically collected in borings selected to characterize the native horizon. The lower native sample was retained for analysis contingent upon the results of the upper native horizon analysis in an attempt to delineate the vertical extent of contamination exceeding applicable standards, if present. The contingent native material was not analyzed if the native material interval above it was found to be uncontaminated (below cleanup criteria) based on laboratory analysis or as directed by the TRC Licensed Site Professional (LSP). Also, TRC also collected some relatively shallow soil borings to supplement previously collected data where shallow soil data gaps were perceived. At Walsh Field, the July 2008 data collected by TRC supplement data collected previously on behalf of the City by the BETA Group, Incorporated of Norwood, Massachusetts (see BETA, 2006b) and by TRC in 2008 in the surrounding area (see TRC, 2008a and b).

Figure 3 illustrates the locations investigated by TRC at Walsh Field using the above-described techniques. The sampling locations were surveyed by Land Planning, Incorporated of Hanson, Massachusetts following TRC's sampling activities. The locations are plotted on an aerial photograph obtained from the Massachusetts Geographic Information System and dated April 2005.

TRC conducted field screening of soil samples consisting of visual and olfactory observations, jar headspace readings using an appropriately calibrated photoionization detector (PID), and

professional judgment, consistent with TRC Standard Operating Procedures (SOPs) and general industry practice. TRC employed the Massachusetts Department of Environmental Protection (MassDEP) jar headspace technique to screen for the presence of volatile organic compounds (VOCs) in soil. TRC also evaluated and logged the geologic character of the soil samples consistent with the Burmister (1958) method. A subset of soil samples was subjected to chemical analysis at an off-site environmental laboratory based on professional judgment consistent with the goals of the approved scope of work. The following table summarizes soil samples collected by TRC from Walsh Field for laboratory analysis.

Summary of Investigation Activities – Walsh Field – July 2008						
Location	Soil Borings	Number of Soil Samples Submitted for Laboratory Analysis	Analyses ¹			
			PCBs ²	PAHs ³	MCP Metals/Hg ⁴	Arsenic Only
Walsh Field	65 ⁵	116	99	99	99	17

Notes:

¹Does not include quality control (QC) samples.

²Polychlorinated biphenyls (PCBs) as Aroclors by SW-846 Method 8082; four samples were additionally submitted for PCB homologue analysis by SW-846 Method 680.

³Polyaromatic hydrocarbons (PAHs) by SW-846 Method 8270C.

⁴Massachusetts Contingency Plan (MCP) Metals/Hg - antimony, arsenic, barium, beryllium, cadmium, chromium, lead, nickel, selenium, silver, thallium, vanadium, zinc and mercury by SW-846 Methods 6010B/7471A.

⁵Including 17 surface soil samples collected manually by TRC personnel.

Soil samples for polychlorinated biphenyl (PCB) Aroclor and homolog analyses were submitted to Northeast Analytical Laboratories (NEA) of Schenectady, New York. Soil samples for Massachusetts Contingency Plan (MCP) metals (including arsenic) and mercury and polyaromatic hydrocarbon (PAH) analyses were submitted to Con-Test Analytical Laboratory of East Longmeadow, Massachusetts. All samples were submitted under chain-of-custody.

As noted below, TRC advanced five (5) soil borings (SB-222 through 226) on Walsh Field on July 9, 2008, 11 soil borings (SB-227 through 237) on July 10, 2008, 14 soil borings (SB-238 through 251) on July 11, 2008, nine (9) soil borings (SB-260 through 267 and SB-269) on July 14, 2008, five (5) soil borings (SB-252 through 255 and SB-268) on July 15, 2008, and four (4) soil borings (SB-256 through 259) on August 12, 2008. Soil borings SB-227 through 229 were completed using an AMS 9100 track-mounted Geoprobe® direct-push rig. All other soil borings were advanced using a Model 5400 truck-mounted Geoprobe® direct-push rig. TRC collected 17 surface soil samples (SB-234A through D, SB-235A and B, SB-236A, SB-237A, SB-252A through D, and SB-253A through E) using hand tools on July 31, 2008. Soil boring details are summarized below. Boring logs were not maintained for surface soil samples collected with hand tools.

Soil Boring	Date Advanced	Total Depth (ft bgs)	Depths Submitted for Laboratory Analysis* (ft bgs)	Drill Rig
SB-222	7/9/2008	12	1, 3.5, 6, (10)	Model 5400 Truck Rig
SB-223	7/9/2008	12	1, 4, 7.5, (11)	Model 5400 Truck Rig
SB-224	7/9/2008	12	1, 4, 7.5, (10)	Model 5400 Truck Rig
SB-225	7/9/2008	12	1, 4, 8, (11)	Model 5400 Truck Rig
SB-226	7/9/2008	12	1, 4, 8, (11)	Model 5400 Truck Rig
SB-227	7/10/2008	12	1, 4.5, 8.5, (11)	AMS 9100 Track Rig
SB-228	7/10/2008	12	1, 4, 8.5, (11)	AMS 9100 Track Rig
SB-229	7/10/2008	12	1, 5, 8, (11)	AMS 9100 Track Rig
SB-230	7/10/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-231	7/10/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-232	7/10/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-233	7/10/2008	4	0.5, 2	Model 5400 Truck Rig
SB-234	7/10/2008	4	0.5, 2	Model 5400 Truck Rig
SB-234A**	7/31/2008	0.5	0-0.5	Hand Tools
SB-234B**	7/31/2008	0.5	0-0.5	Hand Tools
SB-234C**	7/31/2008	0.5	0-0.5	Hand Tools
SB-234D**	7/31/2008	0.5	0-0.5	Hand Tools
SB-235	7/10/2008	4	0.5, 2	Model 5400 Truck Rig
SB-235A**	7/31/2008	0.5	0-0.5	Hand Tools
SB-235B**	7/31/2008	0.5	0-0.5	Hand Tools
SB-236	7/10/2008	4	0.5, 2	Model 5400 Truck Rig
SB-236A**	7/31/2008	0.5	0-0.5	Hand Tools
SB-237	7/10/2008	4	0.5, 2	Model 5400 Truck Rig
SB-237A**	7/31/2008	0.5	0-0.5	Hand Tools
SB-238	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-239	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-240	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-241	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-242	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-243	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-244	7/11/2008	4	0.5, 2	Model 5400 Truck Rig
SB-245	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-246	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-247	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-248	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-249	7/11/2008	4	0.5, 2	Model 5400 Truck Rig

Soil Boring	Date Advanced	Total Depth (ft bgs)	Depths Submitted for Laboratory Analysis* (ft bgs)	Drill Rig
SB-250	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-251	7/11/2008	4	0.5, (2)	Model 5400 Truck Rig
SB-252	7/15/2008	4	0.5, 2	Model 5400 Truck Rig
SB-252A**	7/31/2008	0.5	0-0.5	Hand Tools
SB-252B**	7/31/2008	0.5	0-0.5	Hand Tools
SB-252C**	7/31/2008	0.5	0-0.5	Hand Tools
SB-252D**	7/31/2008	0.5	0-0.5	Hand Tools
SB-253	7/15/2008	4	0.5, 2	Model 5400 Truck Rig
SB-253A**	7/31/2008	0.5	0-0.5	Hand Tools
SB-253B**	7/31/2008	0.5	0-0.5	Hand Tools
SB-253C**	7/31/2008	0.5	0-0.5	Hand Tools
SB-253D**	7/31/2008	0.5	0-0.5	Hand Tools
SB-253E**	7/31/2008	0.5	0-0.5	Hand Tools
SB-254	7/15/2008	4	0.5, 2	Model 5400 Truck Rig
SB-255	7/15/2008	4	0.5, 2	Model 5400 Truck Rig
SB-256	8/12/2008	12	4, 5, 8, (11)	Model 5400 Truck Rig
SB-257	8/12/2008	12	5, 7.5, (11)	Model 5400 Truck Rig
SB-258	8/12/2008	12	5, 8, (11)	Model 5400 Truck Rig
SB-259	8/12/2008	12	5, 8, (11)	Model 5400 Truck Rig
SB-260	7/14/2008	10	1, 4.5, 8, (10)	Model 5400 Truck Rig
SB-261	7/14/2008	12	1, 4, 7, (10)	Model 5400 Truck Rig
SB-262	7/14/2008	12	1, 3.5, 7.5, (10)	Model 5400 Truck Rig
SB-263	7/14/2008	12	1, 4, 8, (11)	Model 5400 Truck Rig
SB-264	7/14/2008	12	1, 3.5, 7, (10)	Model 5400 Truck Rig
SB-265	7/14/2008	12	1, 4, 7.5, (11)	Model 5400 Truck Rig
SB-266	7/15/2008	12	1, 4, 9, (11)	Model 5400 Truck Rig
SB-267	7/14/2008	12	1, 3.5, 9, (12)	Model 5400 Truck Rig
SB-268	7/15/2008	12	1, 4.5, 9, (12)	Model 5400 Truck Rig
SB-269	7/14/2008	12	1, 4, 9.5, (12)	Model 5400 Truck Rig

Notes:

* - Depth in parentheses submitted to laboratory but placed on hold for contingency. Analyses of these samples were not required.

** - Surface soil sample collected using hand tools.

bgs – below ground surface

TRC also collected samples from stock-piled soil (SP-1 and SP-2) thought to have been used to create the Walsh Field baseball diamonds and the chalk (WC-1) used to define the base paths in an attempt to diagnose the source of the arsenic contamination. These data are summarized in Table 2.

3.0 SUMMARY OF ANALYTICAL RESULTS

The results of laboratory analysis of soil samples collected from Walsh Field in July and August 2008 are summarized in Table 1 (attached). Table 1 includes regulatory comparison criteria consisting of the following:

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

As shown in Table 1, metals, PCBs, and PAHs were detected in soil at Walsh Field. *Eleven contaminants were detected in soil in excess of regulatory comparison criteria, which are summarized below and highlighted in Table 1.*

Summary of Soil Contaminants in Excess of Regulatory Criteria – Walsh Field										
Contaminant	Sample I.D.	Sample Depth (feet)	Concentration (mg/kg)*	Regulatory Criteria for Soil						TSCA PCB
				Massachusetts Contingency Plan						
				S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1		
Arsenic	SB-234	0.5	42.1	20	20	20	20	20	N/A	
Arsenic	SB-236A	0-0.5	39.8	20	20	20	20	20	N/A	
Arsenic	SB-237A	0-0.5	30.1	20	20	20	20	20	N/A	
Arsenic	SB-252	0.5	58.5	20	20	20	20	20	N/A	
Arsenic	SB-252A	0-0.5	274	20	20	20	20	20	N/A	
Arsenic	SB-252B	0-0.5	69.9	20	20	20	20	20	N/A	
Arsenic	SB-252C	0-0.5	116	20	20	20	20	20	N/A	
Arsenic	SB-252D	0-0.5	157	20	20	20	20	20	N/A	
Arsenic	SB-253	0.5	59.3	20	20	20	20	20	N/A	
Arsenic	SB-253A	0-0.5	142	20	20	20	20	20	N/A	
Arsenic	SB-253B	0-0.5	66.5	20	20	20	20	20	N/A	
Arsenic	SB-253C	0-0.5	48.8	20	20	20	20	20	N/A	
Arsenic	SB-253D	0-0.5	140	20	20	20	20	20	N/A	
Arsenic	SB-261	4	28.1	20	20	20	20	20	N/A	
Arsenic	SB-262	3.5	20.5	20	20	20	20	20	N/A	
Arsenic	SB-264	3.5	20.2	20	20	20	20	20	N/A	
Arsenic	SB-268	4.5	27.8	20	20	20	20	20	N/A	
Benzo(a)anthracene	SB-224	4	13.8	7	7	40	40	7	N/A	
Benzo(a)anthracene	SB-228	4	15.2	7	7	40	40	7	N/A	
Benzo(a)anthracene	SB-233	2	7.53	7	7	40	40	7	N/A	
Benzo(a)pyrene	SB-224	4	21.1	2	2	4	4	2	N/A	
Benzo(a)pyrene	SB-226	1	4.80	2	2	4	4	2	N/A	
Benzo(a)pyrene	SB-228	4	12.8	2	2	4	4	2	N/A	
Benzo(a)pyrene	SB-233	2	5.48	2	2	4	4	2	N/A	

Summary of Soil Contaminants in Excess of Regulatory Criteria – Walsh Field

Contaminant	Sample I.D.	Sample Depth (feet)	Concentration (mg/kg)*	Regulatory Criteria for Soil						TSCA PCB	
				Massachusetts Contingency Plan							
				S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RCS-1			
Benzo(a)pyrene	SB-254	2	2.98	2	2	4	4	2	N/A		
Benzo(a)pyrene	SB-264	1	5.94	2	2	4	4	2	N/A		
Benzo(b)fluoranthene	SB-224	4	22.8	7	7	40	40	7	N/A		
Benzo(b)fluoranthene	SB-228	4	15.4	7	7	40	40	7	N/A		
Benzo(b)fluoranthene	SB-264	1	7.16	7	7	40	40	7	N/A		
Cadmium	SB-265	4	2.90	2	2	30	30	2	N/A		
Chromium	SB-249	0.5	32.1	30	30	200	200	30	N/A		
Chromium	SB-268	4.5	51.9	30	30	200	200	30	N/A		
Dibenz(a,h)anthracene	SB-224	4	5.57	0.7	0.7	4	4	0.7	N/A		
Dibenz(a,h)anthracene	SB-226	1	0.883	0.7	0.7	4	4	0.7	N/A		
Dibenz(a,h)anthracene	SB-228	4	2.52	0.7	0.7	4	4	0.7	N/A		
Dibenz(a,h)anthracene	SB-254	2	0.711	0.7	0.7	4	4	0.7	N/A		
Dibenz(a,h)anthracene	SB-264	1	1.11	0.7	0.7	4	4	0.7	N/A		
Indeno(1,2,3-cd)pyrene	SB-224	4	22.3	7	7	40	40	7	N/A		
Indeno(1,2,3-cd)pyrene	SB-228	4	10.0	7	7	40	40	7	N/A		
Lead	SB-222	3.5	494	300	300	300	300	300	N/A		
Lead	SB-223	4	549	300	300	300	300	300	N/A		
Lead	SB-226	4	482	300	300	300	300	300	N/A		
Lead	SB-227	4.5	511	300	300	300	300	300	N/A		
Lead	SB-228	4	418	300	300	300	300	300	N/A		
Lead	SB-233	2	1,640	300	300	300	300	300	N/A		
Lead	SB-244	0.5	311	300	300	300	300	300	N/A		
Lead	SB-244	2	391	300	300	300	300	300	N/A		
Lead	SB-254	2	532	300	300	300	300	300	N/A		
Lead	SB-256	4.5	484	300	300	300	300	300	N/A		
Lead	SB-258	5	1,780	300	300	300	300	300	N/A		
Lead	SB-260	1	718	300	300	300	300	300	N/A		
Lead	SB-261	1	398	300	300	300	300	300	N/A		
Lead	SB-262	3.5	861	300	300	300	300	300	N/A		
Lead	SB-264	3.5	2,690	300	300	300	300	300	N/A		
Lead	SB-265	4	872	300	300	300	300	300	N/A		
Lead	SB-268	4.5	1,320	300	300	300	300	300	N/A		
Lead	SB-269	4	1,790	300	300	300	300	300	N/A		
Mercury	SB-268	4.5	38.4	20	20	30	30	20	N/A		
Nickel	SB-258	5	20.7	20	20	700	700	20	N/A		
Nickel	SB-262	3.5	23.3	20	20	700	700	20	N/A		
Nickel	SB-264	3.5	23.9	20	20	700	700	20	N/A		
Nickel	SB-265	4	44.2	20	20	700	700	20	N/A		
Nickel	SB-268	4.5	24.2	20	20	700	700	20	N/A		

Notes:

N/A – Not Applicable

mg/kg -- milligrams per kilogram

* - Where duplicate samples were collected, the higher concentration is shown

Detected results are also summarized on Figure 3 for total PCBs, arsenic, cadmium, chromium, nickel, lead, and benzo(a)pyrene [BAP], which were determined to be the Contaminants of Concern (COCs) based on prior environmental investigations conducted at the Keith Middle School (KMS), New Bedford High School (NBHS), and certain residential locations.

Some concentrations of arsenic in soil samples collected from 0 to 0.5 foot below grade could pose an imminent hazard to human health, as defined in 310 CMR 40.0321(2)(b).

4.0 ANALYTICAL SUPPORT AND DATA VALIDATION, EVALUATION, AND MANAGEMENT

TRC's Lead Chemist coordinated, tracked, and oversaw sample analyses and validation of data produced. Data validation of PCB Aroclor soil data from July and August 2008 is currently ongoing, in accordance with relevant EPA guidance to Tier II. Metals, and PCB homologues soil analyses will be evaluated for usability consistent with the Massachusetts Department of Environmental Protection (MassDEP) Compendium of Analytical Methods (CAM). Validation and data usability outcomes will be incorporated into future reports as needed.

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

5.0 REFERENCES

- BETA, 2006a. *Final Completion and Inspection Report, Volume 1 of 8. McCoy Field/Keith Middle School, 225 Hathaway Boulevard, New Bedford, Massachusetts.* Prepared for: City of New Bedford, 133 William Street, New Bedford, Massachusetts 02740. Prepared by: BETA Group, Incorporated, Norwood, Massachusetts. December 2006.
- BETA, 2006a. *Summary of Analytical Data, Walsh Field, New Bedford, Massachusetts.* Prepared for: City of New Bedford, 133 William Street, New Bedford, Massachusetts 02740. Prepared by: BETA Group, Incorporated, Norwood, Massachusetts. June 2006.
- TRC, 2008a. *Data Summary Report, Transect "C", New Bedford, Massachusetts.* Prepared for: City of New Bedford Department of Environmental Stewardship, 133 William Street, New Bedford, Massachusetts. August 2008.
- TRC, 2008b. *Data Summary Report, Transect "E", New Bedford, Massachusetts.* Prepared for: City of New Bedford Department of Environmental Stewardship, 133 William Street, New Bedford, Massachusetts. August 2008.

Burmister, 1958. *Suggested Methods of Tests for Identification of Soils*. In: Procedures for Testing Soils. American Society for Testing and Materials, Philadelphia, PA, 1958.

TABLES

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-222			SB-223			SB-224			
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	1 7/9/2008	3.5 7/9/2008	6 7/9/2008	1 7/9/2008	4 7/9/2008	7.5 7/9/2008	1 7/9/2008	4 7/9/2008	4 7/9/2008	7.5 7/9/2008
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	1.06	0.193 U	0.196 U
	Acenaphthylene	600	10	600	10	1	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	0.954 U	0.193 U	0.196 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	2.64	0.712	0.196 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.256 U	0.196 U	0.195 U	0.403	0.234 U	0.193 U	0.334	13.8	3.68	0.196 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.256 U	0.196 U	0.195 U	0.389	0.234 U	0.193 U	0.738	21.1	7.33	0.196 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.256 U	0.196	0.195 U	0.537	0.234 U	0.193 U	1.02	22.8	7.58	0.196 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.256 U	0.196 U	0.195 U	0.257	0.234 U	0.193 U	0.504	22.7	7.68	0.196 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.256 U	0.196 U	0.195 U	0.192	0.234 U	0.193 U	0.387	8.91	1.83	0.196 U
	Chrysene	70	70	400	400	70	N/A	0.256 U	0.196 U	0.195 U	0.487	0.234 U	0.193 U	1.01	12.8	3.59	0.196 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	5.57	1.51	0.196 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.256 U	0.222	0.195 U	0.812	0.234 U	0.193 U	1.85	12.1	3.48	0.196 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	0.954 U	0.193 U	0.196 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.256 U	0.196 U	0.195 U	0.281	0.234 U	0.193 U	0.590	22.3	9.04	0.196 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	0.954 U	0.193 U	0.196 U
	Naphthalene	40	500	40	1,000	4	N/A	0.256 U	0.196 U	0.195 U	0.172 U	0.234 U	0.193 U	0.178 U	0.954 U	0.193 U	0.196 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.256 U	0.201	0.195 U	0.780	0.234 U	0.193 U	1.47	9.74	2.79	0.196 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.256 U	0.283	0.195 U	0.899	0.234 U	0.193 U	1.48	15.2	4.30	0.196 U
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Aroclor 1221	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Aroclor 1232	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Aroclor 1242	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Aroclor 1248	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Aroclor 1254	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Aroclor 1260	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
	Total PCBs	2	2	3	3	2	1	0.0500 U	0.0541 U	0.0572 U	0.0522 U	0.0682 U	0.0585 U	0.0517 U	0.0552 U	0.0536 U	0.0580 U
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.017 U	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.017 U	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.017 U	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.035 U	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.035 U	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.035 U	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.052 U	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.052 U	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.086 U	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	0.086 U	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	0.086 U	NA	NA	NA	NA	NA
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	R	R	R	R	R	R	R	R	R	R
	Arsenic	20	20	20	20	20	N/A	18.0	4.03	2.93 U	5.01	15.1	2.91 U	2.68 U	10.0	11.5	2.95 U
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	23.8	94.3	5.85 U	31.2	257	6.86	18.2	38.6	64.2	9.93
	Beryllium	100	100	200	200	100	N/A	0.55	0.30 U	0.30 U	0.26 U	0.80	0.30 U	0.27 U	0.29 U	0.29 U	0.30 U
	Cadmium	2	2	30	30	2	N/A	0.35	0.54	0.30 U	0.31	0.79	0.30 U	0.27 U	0.37	0.42	0.30 U

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-225			SB-226			SB-227			SB-228		
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	1 7/9/2008 (a)	4 7/9/2008	8 7/9/2008	1 7/9/2008	4 7/9/2008	8 7/9/2008	1 7/10/2008	4.5 7/10/2008	8.5 7/10/2008	1 7/10/2008	4 7/10/2008	8.5 7/10/2008
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.222	0.199 U	0.193 U	1.73	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	2.96	0.182 U
	Acenaphthylene	600	10	600	10	1	N/A	0.175 U	0.199 U	0.193 U	0.868 U	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	1.10 U	0.182 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.413	0.412	0.193 U	3.54	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	6.35	0.182 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	1.15	1.67	0.193 U	6.42	0.195	0.191 U	0.327	0.596	0.200 U	0.176 U	15.2	0.182 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.968	1.59	0.193 U	4.80	0.215	0.191 U	0.294	0.590	0.200 U	0.176 U	12.8	0.182 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	1.33	1.82	0.193 U	6.09	0.238	0.191 U	0.335	0.698	0.200 U	0.176 U	15.4	0.182 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.630	1.08	0.193 U	2.80	0.189 U	0.191 U	0.226	0.335	0.200 U	0.176 U	8.69	0.182 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.499	0.701	0.193 U	2.43	0.189 U	0.191 U	0.176 U	0.256	0.200 U	0.176 U	5.37	0.182 U
	Chrysene	70	70	400	400	70	N/A	1.23	1.55	0.193 U	6.52	0.194	0.191 U	0.346	0.705	0.200 U	0.176 U	14.2	0.182 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.175 U	0.254	0.193 U	0.883	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	2.52	0.182 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	1.93	2.54	0.193 U	10.6	0.378	0.191 U	0.641	0.962	0.200 U	0.176 U	24.4	0.182 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.183	0.199 U	0.193 U	1.53	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	3.37	0.182 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.744	1.29	0.193 U	3.66	0.189 U	0.191 U	0.251	0.389	0.200 U	0.176 U	10.0	0.182 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.175 U	0.199 U	0.193 U	0.868 U	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	1.84	0.182 U
	Naphthalene	40	500	40	1,000	4	N/A	0.175 U	0.199 U	0.193 U	0.868 U	0.189 U	0.191 U	0.176 U	0.207 U	0.200 U	0.176 U	4.24	0.182 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	1.77	1.66	0.193 U	11.6	0.197	0.191 U	0.592	1.25	0.200 U	0.176 U	20.9	0.182 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	2.36	3.37	0.193 U	10.7	0.447	0.191 U	0.642	1.28	0.200 U	0.176 U	22.9	0.182 U
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
	Aroclor 1221	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
	Aroclor 1232	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
	Aroclor 1242	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
	Aroclor 1248	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
	Aroclor 1254	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
	Aroclor 1260	2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
Total PCBs		2	2	3	3	2	1	0.0512 U	0.0556 U	0.0577 U	0.0500 U	0.0558 U	0.0550 U	0.0500 U	0.0616 U	0.0579 U	0.0500 U	0.0518 U	0.0516 U
PCB Homologs																			
(mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total PCBs</																			

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft): Sample Date:						SB-229			SB-230	SB-231	SB-232	SB-233		SB-234		SB-234-A 0-0.5 7/31/2008	SB-234-B 0-0.5 7/31/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	1 7/10/2008	5 7/10/2008	8 7/10/2008	0.5 7/10/2008	0.5 7/10/2008	0.5 7/10/2008	0.5 7/10/2008	2 7/10/2008	0.5 7/10/2008	2 7/10/2008		
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	3.24	0.192 U	0.203 U	NA	NA
	Acenaphthylene	600	10	600	10	1	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	0.995 U	0.192 U	0.203 U	NA	NA
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	4.93	0.192 U	0.203 U	NA	NA
	Benz(a)anthracene	7	7	40	40	7	N/A	0.219	0.303	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	7.53	0.192 U	0.203 U	NA	NA
	Benz(a)pyrene	2	2	4	4	2	N/A	0.202	0.313	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	5.48	0.192 U	0.203 U	NA	NA
	Benz(b)fluoranthene	7	7	40	40	7	N/A	0.229	0.385	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	6.60	0.192 U	0.203 U	NA	NA
	Benz(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.173 U	0.211	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	2.76	0.192 U	0.203 U	NA	NA
	Benz(k)fluoranthene	70	70	400	400	70	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	2.49	0.192 U	0.203 U	NA	NA
	Chrysene	70	70	400	400	70	N/A	0.205	0.309	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	7.35	0.192 U	0.215	NA	NA
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	0.995 U	0.192 U	0.203 U	NA	NA
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.334	0.554	0.180 U	0.180 U	0.179 U	0.189	0.173 U	13.4	0.192 U	0.294	NA	NA
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	3.50	0.192 U	0.203 U	NA	NA
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.173 U	0.242	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	3.60	0.192 U	0.203 U	NA	NA
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	1.16	0.192 U	0.203 U	NA	NA
	Naphthalene	40	500	40	1,000	4	N/A	0.173 U	0.205 U	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	1.38	0.192 U	0.203 U	NA	NA
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.335	0.391	0.180 U	0.180 U	0.179 U	0.182 U	0.173 U	20.0	0.192 U	0.203 U	NA	NA
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.413	0.556	0.180 U	0.180 U	0.179 U	0.250	0.196	13.4	0.216	0.429	NA	NA
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.0570 U	0.0578 U	NA	NA
	Aroclor 1221	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.0570 U	0.0578 U	NA	NA
	Aroclor 1232	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.0570 U	0.0578 U	NA	NA
	Aroclor 1242	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.0570 U	0.0578 U	NA	NA
	Aroclor 1248	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.0570 U	0.0578 U	NA	NA
	Aroclor 1254	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.0570 U	0.0578 U	NA	NA
	Aroclor 1260	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.108 J	0.0578 U	NA	NA
	Total PCBs	2	2	3	3	2	1	0.0504 U	0.0612 U	0.0522 U	0.0543 U	0.0525 U	0.0528 U	0.0515 U	0.0623 U	0.108 J	0.0578 U	NA	NA
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.015 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.015 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.015 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.044 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.044 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.074 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	0.074 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	0.074 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	4.14 U	4.92 U	4.31 U	R	R	4.37 U	4.15 U	4.78 U	4.60 U	4.8		

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-234-C 0-0.5 7/31/2008	SB-234-D 0-0.5 7/31/2008	SB-235		SB-235-A 0-0.5 7/31/2008	SB-235-B 0-0.5 7/31/2008	SB-236		SB-236-A 0-0.5 7/31/2008	SB-237		SB-237-A 0-0.5 7/31/2008	SB-238 0.5 7/11/2008
		Sample Depth (ft.):		Sample Date:		0.5 7/10/2008	2 7/10/2008			0.5 7/10/2008	2 7/10/2008			0.5 7/10/2008	2 7/10/2008					
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RCS-1**	TSCA													
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.174 U	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.174 U	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.174 U	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.448	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.402	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.504	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.282	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.482	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Chrysene	70	70	400	400	70	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.787	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.317	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.317	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.317	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.317	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.174	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	0.176 U	0.170 U	NA	NA	0.174	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	0.176 U	0.170 U	NA	NA	1.10	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	0.176 U	0.170 U	NA	NA	1.05	0.169 U	NA	0.177 U	0.172 U	NA	0.181 U
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0514 U	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Aroclor 1221	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0514 U	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Aroclor 1232	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0514 U	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Aroclor 1242	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0514 U	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Aroclor 1248	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0514 U	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Aroclor 1254	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0514 U	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Aroclor 1260	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0555 J	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
	Total PCBs	2	2	3	3	2	1	NA	NA	0.0515 U	0.0500 U	NA	NA	0.0555 J	0.0500 U	NA	0.0522 U	0.0501 U	NA	0.0517 U
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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</td																

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-239 0.5 7/11/2008	SB-240 0.5 7/11/2008	SB-241 0.5 7/11/2008	SB-242 0.5 7/11/2008	SB-243		SB-244		SB-245 0.5 7/11/2008	SB-246 0.5 7/11/2008	SB-247 0.5 7/11/2008	SB-248 0.5 7/11/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA					0.5 7/11/2008	0.5 7/11/2008	Field Dup	0.5 7/11/2008	2 7/11/2008			
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Acenaphthylene	600	10	600	10	1	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.587	0.181 U	0.196 U	0.315	0.213	0.202	0.269	0.293
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.612	0.181 U	0.196 U	0.252	0.204	0.201 U	0.243	0.302
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.277	0.181 U	0.196 U	0.307	0.233	0.234	0.328	0.390
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.252	0.181 U	0.196 U	0.193	0.200 U	0.201 U	0.209 U	0.220 U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Chrysene	70	70	400	400	70	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.458	0.181 U	0.196 U	0.335	0.215	0.216	0.296	0.317
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.668	0.370	0.337	0.463	0.504
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.219	0.200 U	0.201 U	0.209 U	0.220 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Naphthalene	40	500	40	1,000	4	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.181 U	0.200 U	0.201 U	0.209 U	0.220 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.185 U	0.181 U	0.196 U	0.626	0.331	0.267	0.230	0.241
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.178 U	0.197 U	0.193 U	0.188 U	0.245	0.181 U	0.208	0.640	0.385	0.329	0.427	0.442
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Aroclor 1221	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Aroclor 1232	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Aroclor 1242	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Aroclor 1248	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Aroclor 1254	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Aroclor 1260	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
	Total PCBs	2	2	3	3	2	1	0.0526 U	0.0573 U	0.0534 U	0.0567 U	0.0538 U	0.0542 U	0.0580 U	0.0528 U	0.0604 U	0.0618 U	0.0586 U	0.0642 U
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA									

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:							SB-249		SB-250	SB-251	SB-252		SB-252-A	SB-252-B	SB-252-C	SB-252-D	SB-253		SB-253-A
		Sample Depth (ft.):							0.5 7/11/2008	2 7/11/2008	0.5 7/11/2008	0.5 7/15/2008	2 7/15/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0-0.5 7/31/2008	0.5 7/15/2008	2 7/15/2008	0-0.5 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	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Acenaphthylene	600	10	600	10	1	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Benzo(a)anthracene	7	7	40	40	7	N/A	0.234	0.307	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.232	NA		
	Benzo(a)pyrene	2	2	4	4	2	N/A	0.259	0.306	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.242	NA		
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	0.333	0.326	0.295	0.233	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.261	NA		
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.223 U	0.251	0.220 U	0.189 U	0.432 U	0.191 U	NA	NA	NA	0.358 U	0.217	NA		
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Chrysene	70	70	400	400	70	N/A	0.252	0.315	0.235	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.228	NA		
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.432 U	0.191 U	NA	NA	NA	0.358 U	0.193 U	NA		
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.380	0.505	0.414	0.228	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.403	NA		
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.223 U	0.284	0.220 U	0.189 U	0.432 U	0.191 U	NA	NA	NA	0.358 U	0.230	NA		
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Naphthalene	40	500	40	1,000	4	N/A	0.223 U	0.192 U	0.220 U	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.193 U	NA		
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.223 U	0.260	0.240	0.189 U	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.234	NA		
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.372	0.768	0.329	0.202	0.216 U	0.191 U	NA	NA	NA	0.179 U	0.480	NA		
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Aroclor 1221	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Aroclor 1232	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Aroclor 1242	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Aroclor 1248	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Aroclor 1254	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Aroclor 1260	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
	Total PCBs	2	2	3	3	2	1	0.0612 U	0.0562 U	0.0670 U	0.0550 U	0.0507 U	0.0556 U	NA	NA	NA	0.0512 U	0.0538 U	NA		
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	5.35 U	4.61 U	5.28 U	4.53 U	R	4.57 U	NA	NA	NA	R	4.62 U	NA		
	Arsenic	20	20	20	20	20	N/A	3.35 U	4.17	3.30 U	5.74	58.5	7.82	274	69.9	116	157	59.3	14.0		

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-253-B 0-0.5 7/31/2008	SB-253-C 0-0.5 7/31/2008	SB-253-D		SB-253-E 0-0.5 7/31/2008 Field Dup	SB-254		SB-255		SB-256		SB-257								
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA			0-0.5 7/31/2008	0-0.5 7/31/2008		0.5 7/15/2008	2 7/15/2008	0.5 7/15/2008	2 7/15/2008	4.5 8/12/2008	8 8/12/2008	5 8/12/2008	7.5 8/12/2008							
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	NA	NA	NA	NA	0.180	U	0.259	0.183	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U	
	Acenaphthylene	600	10	600	10	1	N/A	NA	NA	NA	NA	0.180	U	0.510	0.183	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U	
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.180	U	0.995	0.183	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U	
	Benzo(a)anthracene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.654		3.30	0.325		0.480	0.192		0.190		0.204		0.204		1.23	U
	Benzo(a)pyrene	2	2	4	4	2	N/A	NA	NA	NA	NA	0.667		2.98	0.349		0.510	0.192		0.190		0.204		0.204		1.23	U
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.870		3.48	0.411		0.540	0.193		0.190		0.204		0.204		1.23	U
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.778		2.76	0.294		0.409	0.192		0.190		0.204		0.204		1.23	U
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.270		1.29	0.183	U	0.197	0.192	U	0.190	U	0.204	U	0.204	U	1.23	U
	Chrysene	70	70	400	400	70	N/A	NA	NA	NA	NA	0.738		3.56	0.355		0.504	0.192	U	0.190	U	0.204	U	0.204	U	1.23	U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	NA	NA	NA	NA	0.360	U	0.711	0.366	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U	
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	1.08		4.37	0.599		0.714	0.321		0.190		0.204		0.204		1.23	U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	0.180	U	0.395	0.183	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U	
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	NA	NA	NA	NA	0.762		3.12	0.312		0.469	0.192	U	0.190	U	0.204	U	0.204	U	1.23	U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	NA	NA	NA	NA	0.180	U	0.175	U	0.183	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U
	Naphthalene	40	500	40	1,000	4	N/A	NA	NA	NA	NA	0.180	U	0.246	0.183	U	0.177	U	0.192	U	0.190	U	0.204	U	1.23	U	
	Phenanthrene	500	500	1,000	1,000	10	N/A	NA	NA	NA	NA	0.820		3.77	0.344		0.453	0.282		0.190		0.204		0.204		1.23	U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	NA	NA	NA	NA	1.63		5.07	0.608		0.990	0.332		0.190		0.204		0.204		1.23	U
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
	Aroclor 1221	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
	Aroclor 1232	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
	Aroclor 1242	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
	Aroclor 1248	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
	Aroclor 1254	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
	Aroclor 1260	2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0523	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
Total PCBs		2	2	3	3	2	1	N/A	NA	NA	NA	0.0524	U	0.0501	U	0.0506	U	0.0526	U	0.0579	U	0.0551	U	0.0610	U	0.173	U
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA</																

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:						SB-258		SB-259		SB-260			SB-261			
		Sample Depth (ft.):			5 8/12/2008	8 8/12/2008	5 8/12/2008	8 8/12/2008	1 7/14/2008	4.5 7/14/2008	8 7/14/2008	1 7/14/2008	4 7/14/2008	4 7/14/2008	7 7/14/2008			
		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	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.202 U	0.194 U	0.192 U	0.423 U	0.217 U	0.185 U
	Acenaphthylene	600	10	600	10	1	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.202 U	0.194 U	0.192 U	0.423 U	0.217 U	0.185 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.209	0.194 U	0.192 U	0.423 U	0.217 U	0.185 U
	Benz(a)anthracene	7	7	40	40	7	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.814	0.194 U	0.828	0.423 U	0.217 U	0.185 U
	Benz(a)pyrene	2	2	4	4	2	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.845	0.194 U	0.740	0.423 U	0.217 U	0.185 U
	Benz(b)fluoranthene	7	7	40	40	7	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.946	0.194 U	0.886	0.423 U	0.217 U	0.185 U
	Benz(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.367 U	0.45	0.388 U	0.383 U	0.845 U	0.433 U	0.369 U
	Benz(k)fluoranthene	70	70	400	400	70	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.334	0.194 U	0.330	0.423 U	0.217 U	0.185 U
	Chrysene	70	70	400	400	70	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.804	0.194 U	0.943	0.423 U	0.337	0.185 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.367 U	0.404 U	0.388 U	0.383 U	0.845 U	0.433 U	0.369 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	1.28	0.194 U	0.796	0.423 U	0.217 U	0.185 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.202 U	0.194 U	0.192 U	0.423 U	0.217 U	0.185 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.367 U	0.513	0.388 U	0.449	0.845 U	0.433 U	0.369 U
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.202 U	0.194 U	0.192 U	0.423 U	0.217 U	0.185 U
	Naphthalene	40	500	40	1,000	4	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	0.202 U	0.194 U	0.192 U	0.423 U	0.217 U	0.185 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.184 U	1.13	0.194 U	0.392	0.423 U	0.329	0.185 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.201 U	0.178 U	0.202 U	0.181 U	0.256	1.96	0.194 U	1.35	0.423 U	0.217 U	0.185 U
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Aroclor 1221	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Aroclor 1232	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Aroclor 1242	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Aroclor 1248	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Aroclor 1254	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Aroclor 1260	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
	Total PCBs	2	2	3	3	2	1	0.0594 U	0.0540 U	0.0561 U	0.0527 U	0.0576 U	0.0564 U	0.0579 U	0.0530 U	0.0621 U	0.0554 U	0.0518 U
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.016 U	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.033 U	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.033 U	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.033 U	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.049 U	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.049 U	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	0.081 U	NA	NA
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	4.82 U	4.26 U	4.83 U	4.34 U	R	R	R	R	R	R	R
	Arsenic	20	20	20	20	20	N/A											

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location:							SB-262			SB-263			SB-264			SB-265			SB-266		
		Sample Depth (ft.):							1 7/14/2008	3.5 7/14/2008	7.5 7/14/2008	1 7/14/2008	4 7/14/2008	8 7/14/2008	1 7/14/2008	3.5 7/14/2008	7 7/14/2008	1 7/14/2008	4 7/14/2008	7.5 7/14/2008	1 7/15/2008	4 7/15/2008	9 7/15/2008
		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	0.226 U	0.191 U	0.211 U	0.237 U	0.197 U	1.03	0.230 U	0.195 U	0.175 U	0.232	0.200 U	0.176 U	0.201 U	0.204 U	
	Acenaphthylene	600	10	600	10	1	N/A	0.187 U	0.226 U	0.191 U	0.211 U	0.237 U	0.197 U	0.490	0.230 U	0.195 U	0.175 U	0.232	0.200 U	0.176 U	0.201 U	0.204 U	
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.472	0.226 U	0.191 U	0.211 U	0.237 U	0.197 U	3.61	0.230 U	0.195 U	0.175 U	0.797	0.200 U	0.176 U	0.201 U	0.204 U	
	Benzo(a)anthracene	7	7	40	40	7	N/A	1.24	0.226 U	0.191 U	0.308	0.237 U	0.197 U	6.95	0.296	0.195 U	0.175 U	1.87	0.200 U	0.176 U	0.547	0.204 U	
	Benzo(a)pyrene	2	2	4	4	2	N/A	1.05	0.226 U	0.191 U	0.338	0.237 U	0.197 U	5.94	0.245	0.195 U	0.175 U	1.66	0.200 U	0.176 U	0.629	0.204 U	
	Benzo(b)fluoranthene	7	7	40	40	7	N/A	1.20	0.226 U	0.191 U	0.461	0.237 U	0.197 U	7.16	0.261	0.195 U	0.175 U	1.96	0.200 U	0.176 U	0.712	0.204 U	
	Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.489	0.451 U	0.382 U	0.422 U	0.473 U	0.393 U	3.52	0.460 U	0.389 U	0.349 U	1.15	0.399 U	0.351 U	0.595	0.408 U	
	Benzo(k)fluoranthene	70	70	400	400	70	N/A	0.434	0.226 U	0.191 U	0.211 U	0.237 U	0.197 U	2.36	0.230 U	0.195 U	0.175 U	0.721	0.200 U	0.176 U	0.258	0.204 U	
	Chrysene	70	70	400	400	70	N/A	1.14	0.226 U	0.191 U	0.457	0.237 U	0.197 U	7.59	0.265	0.195 U	0.175 U	1.91	0.200 U	0.176 U	0.601	0.204 U	
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.374 U	0.451 U	0.382 U	0.422 U	0.473 U	0.393 U	1.11	0.460 U	0.389 U	0.349 U	0.464 U	0.399 U	0.351 U	0.401 U	0.408 U	
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	1.69	0.226 U	0.191 U	0.298	0.324	0.197 U	13.4	0.426	0.195 U	0.175 U	2.86	0.200 U	0.176 U	0.964	0.204 U	
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.187 U	0.226 U	0.191 U	0.211 U	0.237 U	0.197 U	2.81	0.230 U	0.195 U	0.175 U	0.327	0.200 U	0.176 U	0.201 U	0.204 U	
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.591	0.451 U	0.382 U	0.422 U	0.473 U	0.393 U	4.24	0.460 U	0.389 U	0.349 U	1.36	0.399 U	0.351 U	0.653	0.408 U	
	2-Methylnaphthalene	80	300	80	500	0.7	N/A	0.187 U	0.226 U	0.191 U	0.211 U	0.237 U	0.197 U	0.971	0.230 U	0.195 U	0.175 U	0.232 U	0.200 U	0.176 U	0.201 U	0.204 U	
	Naphthalene	40	500	40	1,000	4	N/A	0.187 U	0.226 U	0.191 U	0.211 U	0.907	0.197 U	0.180 U	0.230 U	0.195 U	0.175 U	0.265	0.200 U	0.176 U	0.201 U	0.204 U	
	Phenanthrene	500	500	1,000	1,000	10	N/A	1.75	0.226 U	0.191 U	0.211 U	0.315	0.197 U	18.0	0.485	0.195 U	0.175 U	3.16	0.200 U	0.176 U	0.788	0.204 U	
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	2.04	0.226 U	0.191 U	0.512	0.306	0.197 U	11.7	0.591	0.195 U	0.175 U	3.57	0.200 U	0.176 U	1.32	0.204 U	
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.0510 U	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Aroclor 1221	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.0510 U	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Aroclor 1232	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.0510 U	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Aroclor 1242	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.0510 U	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Aroclor 1248	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.0510 U	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Aroclor 1254	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.153 *	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Aroclor 1260	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.084 *	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
	Total PCBs	2	2	3	3	2	1	0.0503 U	0.0659 U	0.0563 U	0.0562 U	0.0653 U	0.0565 U	0.0501 U	0.0656 U	0.0548 U	0.237	0.0632 U	0.0570 U	0.0502 U	0.0571 U	0.0593 U	
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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		
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	R	R	R	R	7.15	R	R	R	R	R	R	R	R	R		
	Arsenic	20	20	20	20	20	N/A	4.58	20.5	2.87 U	13.3	13.8	4.82	4.43	20.2	2.92 U	2.66	16.3	3.00 U	5.64	9.94		
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	24.1	216	7.17	273	220	20.3	30.8	359	13.6	10.8	270	5.99 U	25.5	202		
	Beryllium	100	100	200	200	100	N/A	0.29 U	0.34 U	0.29 U	0.32 U	0.36 U	0.30 U	0.27 U	0.35 U	0.30 U	0.27 U	0.35 U	0.30 U	0.27 U	0.31 U		
	Cadmium	2	2	30	30	2	N/A	0.29 U	1.42	0.29 U	0.48	0.53	0.30 U	0.27 U	0.50	0.30 U	0.27 U	2.90	0.30 U	0.27 U	0.34		
	Chromium	30	30	200	200	30	N/A	7.07	20.7	3.23	8.11	9.25	9.76	5.66	11.5	6.12	4.76	18.0	1.95	22.1	12.4		
	Lead	300	300	300	300	30																	

Table 1
Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample Location: Sample Depth (ft.): Sample Date:						SB-267			SB-268			SB-269		
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1**	TSCA	1 7/14/2008	3.5 7/14/2008	9 7/14/2008	1 7/15/2008	4.5 7/15/2008	9 7/15/2008	1 7/15/2008	4 7/15/2008	9.5 7/15/2008
PAHs (mg/kg)	Acenaphthene	1,000	1,000	3,000	3,000	4	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.245 U	0.210 U	0.171 U	0.200 U	0.194 U
	Acenaphthylene	600	10	600	10	1	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.245 U	0.210 U	0.171 U	0.200 U	0.194 U
	Anthracene	1,000	1,000	3,000	3,000	1,000	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.269	0.677	0.171 U	0.200 U	0.194 U
	Benz(a)anthracene	7	7	40	40	7	N/A	0.260	0.207 U	0.199 U	0.187 U	0.360	0.903	0.171 U	0.231	0.194 U
	Benz(a)pyrene	2	2	4	4	2	N/A	0.271	0.207 U	0.199 U	0.187 U	0.292	0.677	0.171 U	0.231	0.194 U
	Benz(b)fluoranthene	7	7	40	40	7	N/A	0.343	0.275	0.199 U	0.187 U	0.311	0.615	0.171 U	0.259	0.194 U
	Benz(g,h,i)perylene	1,000	1,000	3,000	3,000	1,000	N/A	0.338 U	0.413 U	0.397 U	0.373 U	0.489 U	0.446	0.342 U	0.400 U	0.388 U
	Benz(k)fluoranthene	70	70	400	400	70	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.245 U	0.225	0.171 U	0.200 U	0.194 U
	Chrysene	70	70	400	400	70	N/A	0.325	0.682	0.199 U	0.187 U	0.359	0.873	0.171 U	0.251	0.194 U
	Dibenz(a,h)anthracene	0.7	0.7	4	4	0.7	N/A	0.338 U	0.413 U	0.397 U	0.373 U	0.489 U	0.420 U	0.342 U	0.400 U	0.388 U
	Fluoranthene	1,000	1,000	3,000	3,000	1,000	N/A	0.523	0.207 U	0.199 U	0.324	0.722	1.65	0.171 U	0.463	0.194 U
	Fluorene	1,000	1,000	3,000	3,000	1,000	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.245 U	0.299	0.171 U	0.200 U	0.194 U
	Indeno(1,2,3-cd)pyrene	7	7	40	40	7	N/A	0.338 U	0.413 U	0.397 U	0.373 U	0.489 U	0.435	0.342 U	0.400 U	0.388 U
	2-Methylhaphthalene	80	300	80	500	0.7	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.245 U	0.210 U	0.171 U	0.200 U	0.194 U
	Naphthalene	40	500	40	1,000	4	N/A	0.169 U	0.207 U	0.199 U	0.187 U	0.245 U	0.210 U	0.171 U	0.200 U	0.194 U
	Phenanthrene	500	500	1,000	1,000	10	N/A	0.230	0.846	0.199 U	0.259	1.25	3.19	0.171 U	0.507	0.194 U
	Pyrene	1,000	1,000	3,000	3,000	1,000	N/A	0.585	0.289	0.199 U	0.320	0.840	2.38	0.192	0.565	0.194 U
PCBs (mg/kg)	Aroclor 1016	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0550 U	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Aroclor 1221	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0550 U	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Aroclor 1232	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0550 U	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Aroclor 1242	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0550 U	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Aroclor 1248	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0550 U	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Aroclor 1254	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0727 *	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Aroclor 1260	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0550 U	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
	Total PCBs	2	2	3	3	2	1	0.0500 U	0.0586 U	0.0584 U	0.0727	0.0760 U	0.0581 U	0.0507 U	0.0612 U	0.0538 U
PCB Homologs (mg/kg)	Monochlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Tetrachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pentachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Heptachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Octachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Decachlorobiphenyl	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PCBs	2	2	3	3	2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)	Antimony	20	20	30	30	20	N/A	R	R	R	R	R	R	R	R	R
	Arsenic	20	20	20	20	20	N/A	3.19	14.3	4.84	5.53	27.8	3.15 U	6.51	11.7	3.48
	Barium	1,000	1,000	3,000	3,000	1,000	N/A	14.0	200	7.59	21.5	575	6.40	25.0	185	12.5
	Beryllium	100	100	200	200	100	N/A	0.26 U	0.31 U	0.30 U	0.28 U	0.43	0.32 U	0.26 U	0.30 U	0.30 U
	Cadmium	2	2	30	30	2	N/A	0.26 U	0.31 U	0.30 U	0.28 U	1.23	0.32 U	0.29	0.50	0.30 U
	Chromium	30	30	200	200	30	N/A	5.14	5.30	3.81	7.97	51.9	1.90	8.12	12.3	5.13
	Lead	300	300	300	300	300	N/A	47.9	209	3.13	39.0	1,320	2.82	43.8	1,790	4.51
	Nickel	20	20	700	700	20	N/A	3.98	11.7	4.02	4.51	24.2	2.04	5.14	7.56	4.81
	Selenium	400	400	800	800	400	N/A	5.06 U	6.19 U	5.95 U	5.59 U	7.34 U				

Summary of Analytical Results for Soil Samples - 2008
Walsh Field
New Bedford, Massachusetts

Notes:

All units in mg/kg unless otherwise specified.

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

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

N/A - Not applicable.

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

U - Compound was not detected at specified quantitation limit.

UJ - Estimated nondetect.

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

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

Values shown in Bold and shaded type exceed TSCA but are less than the listed Method 1 standards.

PAHs - Polynuclear Aromatic Hydrocarbons.

PCBs - Polychlorinated Biphenyls.

RC - Reportable Concentration.

TSCA - Toxic Substances Control Act criteria.

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

** - For reference purposes only.

(a) - The sample was re-collected on 7/23/2008 for mercury analysis due to the limited volume of the original sample.

Table 2
Summary of Analytical Results for Stockpile and Chalk Samples - August 2008
Walsh Field
New Bedford, Massachusetts

Analysis	Analyte	Sample ID: Sample Date					SP-1 8/7/2008	SP-2 8/7/2008	WC-1 8/7/2008
		S-1/GW-2	S-1/GW-3	S-2/GW-2	S-2/GW-3	RC S-1			
Metals, total									
(mg/kg)	Antimony	20	20	30	30	20	4.49 U	4.46 U	4.01 U
	Arsenic	20	20	20	20	20	10.7	4.00	12.9
	Barium	1,000	1,000	3,000	3,000	1,000	34.6	21.8	9.25
	Beryllium	100	100	200	200	100	0.29 U	0.28 U	0.26 U
	Cadmium	2	2	30	30	2	0.29 U	0.28 U	0.26 U
	Chromium	30	30	200	200	30	9.34	7.39	0.79
	Lead	300	300	300	300	300	38.9	42.6	22.1
	Nickel	20	20	700	700	20	7.26	4.28	2.08
	Selenium	400	400	800	800	400	5.61 U	5.57 U	5.01 U
	Silver	100	100	200	200	100	5.18	1.77	0.51 U
	Thallium	8	8	60	60	8	3.37 U	3.35 U	3.01 U
	Vanadium	600	600	1,000	1,000	600	16.3	13.8	5.01 U
	Zinc	2,500	2,500	3,000	3,000	2,500	21.2	23.1	7.75
	Mercury	20	20	30	30	20	0.086	0.11	0.018 U

Notes:

All units in mg/kg unless otherwise specified.

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

U - Compound was not detected at specified quantitation limit.

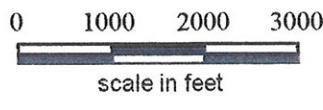
Values in **Bold** indicate the compound was detected.

RC - Reportable Concentration.

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



WALSH FIELD NEW BEDFORD, MASSACHUSETTS

SITE LOCATION MAP



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

Drawn: HWB
Checked: DS

SCALE: AS SHOWN
Date: SEPT 2008

FIGURE
1



