

RELEASE ABATEMENT MEASURE STATUS REPORT

SOIL EXCAVATION AND REMOVAL AT THE ACQUIRED RESIDENTIAL PROPERTIES

NEW BEDFORD, MASSACHUSETTS

Release Tracking Number 4-15685

Prepared for:

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

Prepared by:

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

April 2013

Acronyms

MassDEP	Massachusetts Department of Environmental Protection
MCP	Massachusetts Contingency Plan
MG/KG	Milligrams per Kilogram
PCB	Polychlorinated Biphenyl
PID	Photoionization Detector
RAM	Release Abatement Measure
RTN	Release Tracking Number
TRC	TRC Environmental Corporation
TSCA	Toxic Substances Control Act

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1.0 INTRODUCTION

TRC Environmental Corporation (TRC) is submitting this Release Abatement Measure Status Report (RAM Status Report) to the Massachusetts Department of Environmental Protection (MassDEP) on behalf of the City of New Bedford (City) per 310 CMR 40.0445 of the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000). This RAM Status Report addresses impacted soil removal and site restoration activities to be conducted at the properties located at 101, 102, and 111 Greenwood Street, and 98, 108, and 118 Ruggles Street (hereinafter “Acquired Residential Properties”) under a RAM Plan submitted to MassDEP on December 18, 2012 (TRC, 2012). However, note that this report specifically summarizes RAM activities performed at 101 and 102 Greenwood Street (“the Site”) during this reporting period, as response actions were not performed at the remaining parcels comprising the Acquired Residential Properties during that time.

The Acquired Residential Properties are a portion of the disposal site managed under the MCP and tracked by MassDEP under Release Tracking Number (RTN) 4-15685. Response actions at the Site are conducted under a MCP Special Project Designation Permit (310 CMR 40.0060) that has been established for RTN 4-15685 and other related RTNs. A Site Location Map is provided as Figure 1. Additional information about proposed RAM activities at the Acquired Residential Properties is provided in the RAM Plan.

This RAM Status Report is organized as follows: Section 1.0 (Introduction) briefly summarizes background information pertaining to RAM-related activities. Section 2.0 (RAM Status Report) provides the information required for a RAM Status Report per the MCP (310 CMR 40.0445). Section 3.0 (References) lists information sources relied upon in the preparation of this RAM Status Report.

2.0 RELEASE ABATEMENT MEASURE STATUS REPORT (310 CMR 40.0445)

This RAM Status Report is organized according to the information needs set forth under 310 CMR 40.0445(2)(a) through (e) of the MCP.

2.1 The Status of Response Operations

Following submittal of the RAM Plan in December 2012, preliminary site investigation activities (e.g., Digsafe notification, surveying/marketing proposed boring locations, etc.) were initiated in March 2013. Soil pre-characterization sampling was conducted at the Site during the week of April 1-5, 2013.

Proposed boring locations were surveyed and marked by Land Planning, Incorporated of Hansen, Massachusetts. Drilling services and equipment were provided by New England Geotech, LLC of Jamestown, Rhode Island, under TRC field supervision.

A total of 69 soil borings were advanced at the Site via Geoprobe[®] direct push methods using a truck-mounted drill rig. The boring locations are shown on the Pre-characterization Investigation Plan provided as Figure 2. Soil samples from the borings were visually examined in the field for evidence of impacts and field screened with a photoionization detector (PID) using the MassDEP jar headspace methodology. Samples were collected from each boring at various pre-determined depths and submitted to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for analysis. The samples were extracted using SW-846 Method 3540C (Soxhlet extraction) and analyzed for polychlorinated biphenyls (PCBs) using SW-846 Method 8082.

This work was performed to pre-characterize PCB concentrations in soil in the vicinity of proposed excavation areas at the Site targeting soil with PCB concentrations in excess of 50 milligrams per kilogram (mg/kg) per the methodology set forth in the RAM Plan (TRC, 2012) and in accordance with the Federal Toxic Substances Control Act (TSCA). More than 140 soil samples were collected and analyzed for PCBs during the pre-characterization investigation. Analytical data and boring logs from the investigation were not available at the time this report was prepared and will therefore be provided in the next RAM report submittal.

No remediation work was conducted at the Site during the reporting period. Pending the results of the completed soil pre-characterization sampling activities described above, additional soil sampling may be performed at the Site prior to the initiation of remedial activities.

2.2 Significant New Site Information or Data

As mentioned above, new Site information and data collected during the reporting period covered by this RAM Status Report were not available at the time the report was prepared. Results of the pre-characterization investigation will be provided in the next RAM report submittal.

2.3 Details of and/or Plans for the Management of Remediation Waste, Remedial Wastewater, and/or Remedial Additives

No remediation waste, remedial wastewater or remedial additives were generated at the Site during the reporting period. Please refer to the RAM Plan (TRC, 2012) for details regarding the proposed management of remedial wastes.

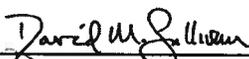
2.4 Other Necessary Information

No additional information is required in association with this RAM Status Report.

2.5 LSP Opinion

The objective of this RAM Status report is to apprise MassDEP of the City's activities at the Acquired Residential Properties.

This RAM Status Report has been prepared in accordance with 310 CMR 40.0445 as set forth in the MCP.



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

4/11/2013

Date

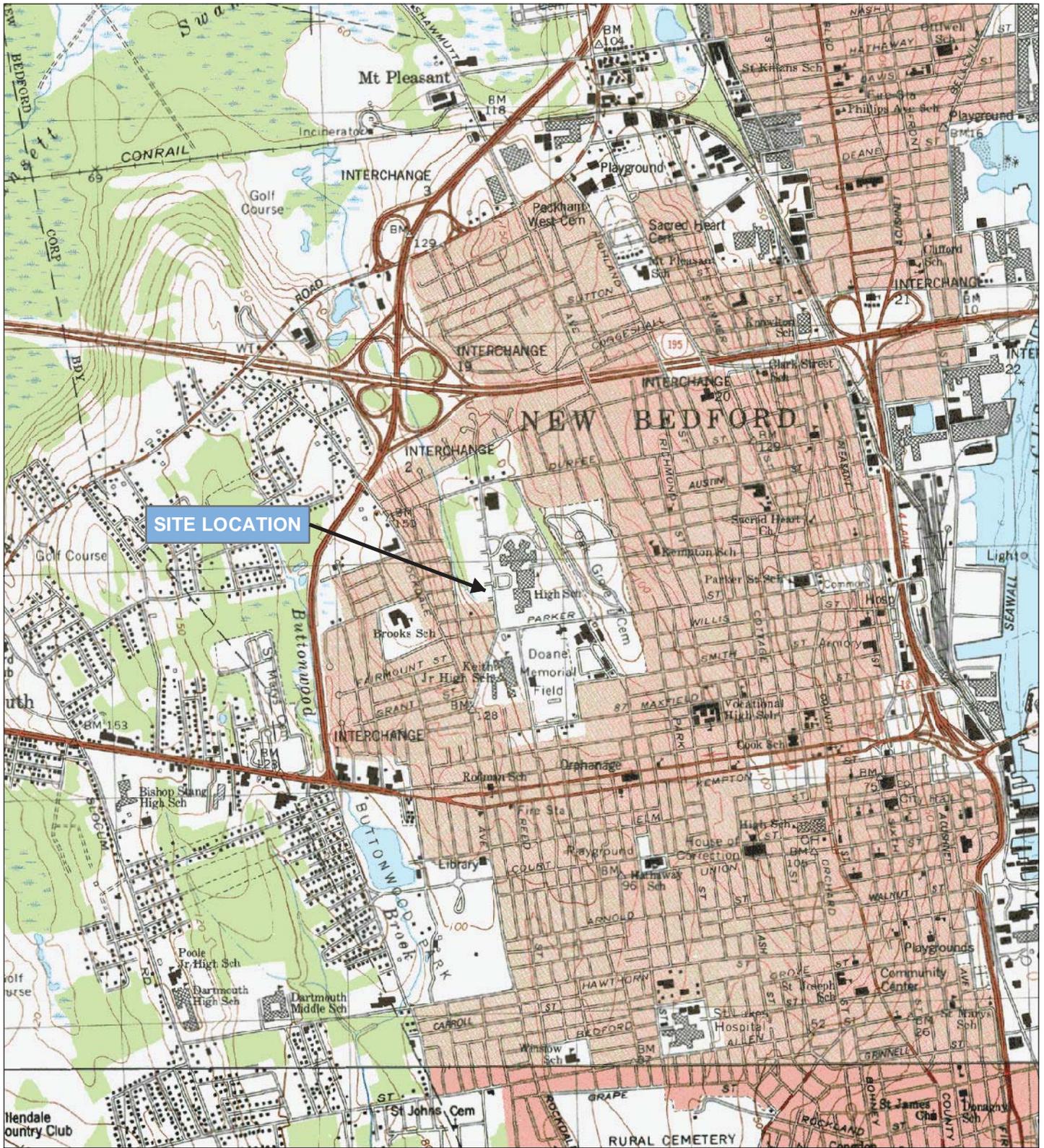
Stamp



3.0 REFERENCES

TRC, 2012 *Release Abatement Measure Plan, Soil Excavation and Removal at the Acquired Residential Properties, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. December 2012.

FIGURES



SITE LOCATION

MASSACHUSETTS



**SITE
LOCATION**



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

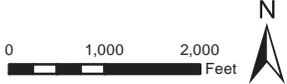
SITE LOCATION MAP

**ACQUIRED RESIDENTIAL
PROPERTIES**

NEW BEDFORD, MA

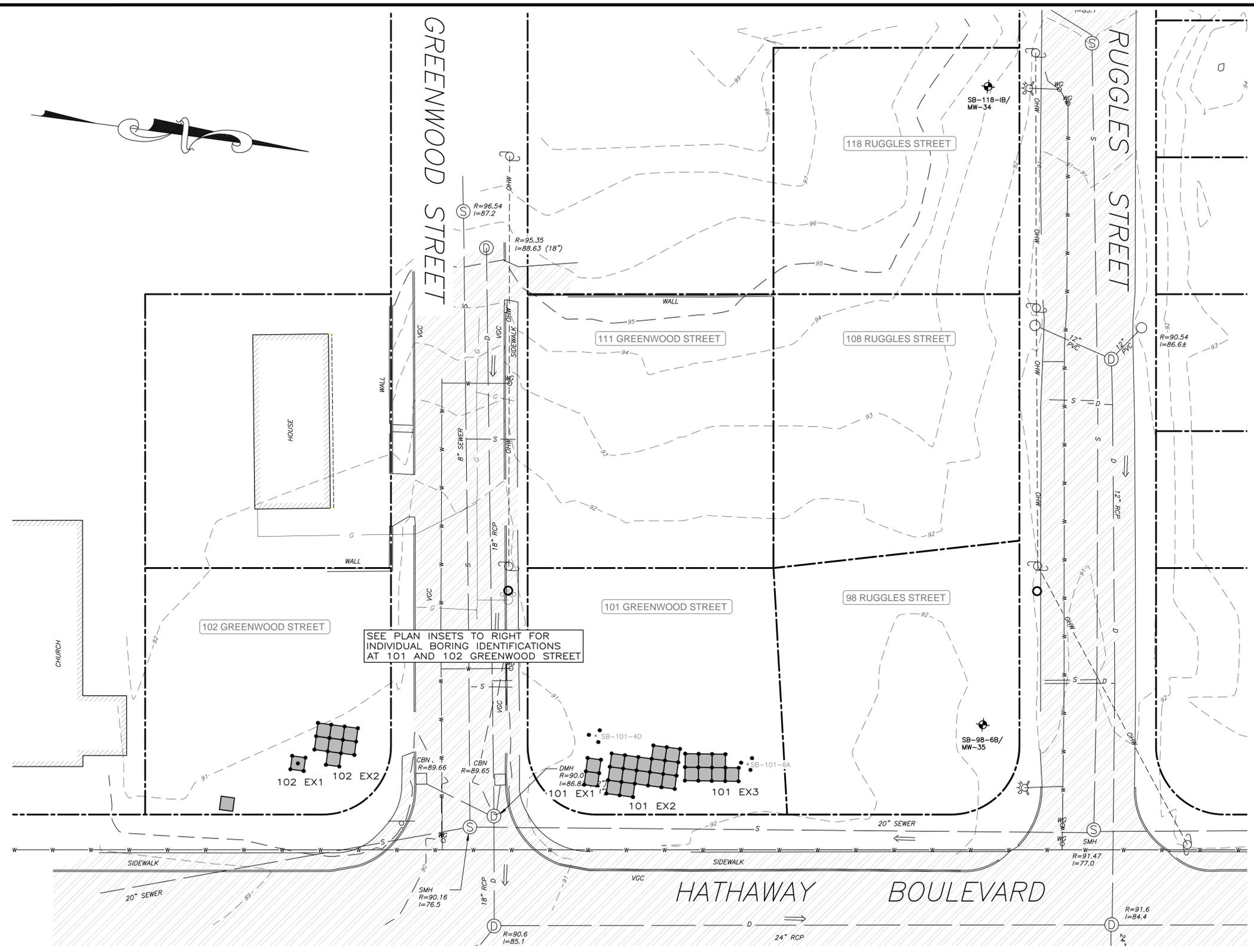
FIGURE 1

AUGUST 2011

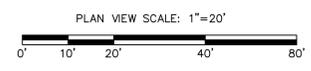


Base map: USGS 7.5 Minute Quadrangle New Bedford North (1979) and New Bedford South (1979)

FILE: \\LOWELL-FILE\Projects\Projects\115058 - New Bedford\ARP - RAM Plan 2013\1_60 Percent Design\CAD\C-10 - Site Investigation Plan.dwg

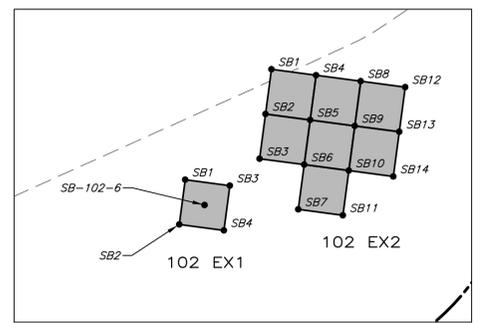


SEE PLAN INSETS TO RIGHT FOR INDIVIDUAL BORING IDENTIFICATIONS AT 101 AND 102 GREENWOOD STREET

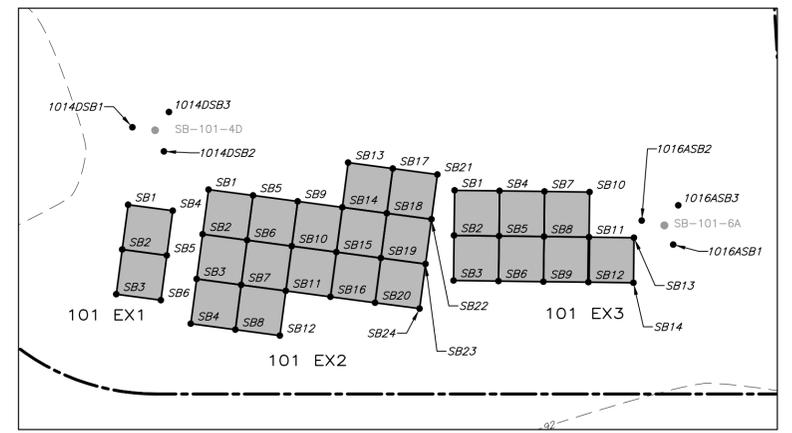


LEGEND - SITE INVESTIGATION

- PROPOSED TARGETED EXCAVATION AREA (CONTAINS PCBs > 50 MG/KG)
- SB-101-4D PREVIOUS SAMPLE LOCATION
- SB-1 EXISTING LOCATION OF TSCA DELINEATION BORING



INSET - 102 GREENWOOD STREET
INSET SCALE: 1"=10'
0' 5' 10' 20' 40'



INSET - 101 GREENWOOD STREET
INSET SCALE: 1"=10'
0' 5' 10' 20' 40'

ACQUIRED RESIDENTIAL PROPERTIES NEW BEDFORD, MA	
PRE-CHARACTERIZATION INVESTIGATION PLAN	
Wannalancit Mills 650 Suffolk Street Lowell, MA 01854 (978) 970-5800	FIGURE 2
DRAWN BY: DP CHECKED BY: MO	DATE: APRIL 2013

REV.	DATE	DESCRIPTION	C/O	DRN	CHK